



HBM2010

BARCELONA, SPAIN

16th Annual Meeting of the
Organization for Human Brain Mapping
June 6-10, 2010 • Catalonia Palace of Congresses

HBM2010
BARCELONA, SPAIN

16th Annual Meeting of the Organization for Human Brain Mapping

abstracts



Organization for
Human Brain Mapping

5841 CEDAR LAKE ROAD, SUITE 204
MINNEAPOLIS, MN 55416 USA

WWW.HUMANBRAINMAPPING.ORG

PHONE: 952.646.2029

FAX: 952.545.6073

EMAIL: INFO@HUMANBRAINMAPPING.ORG



Organization for
Human Brain Mapping

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poster key



Organization for
Human Brain Mapping

All posters will be displayed for 2 days, either Monday and Tuesday, or Wednesday and Thursday. Odd numbered posters are presented during the morning poster session, 12:30-13:30, and even numbered posters are presented during the afternoon poster session, 14:45-15:45. All poster presenters displaying on Monday and Tuesday are invited to attend the poster reception on Tuesday evening from 19:30-20:30. All poster presenters displaying on Wednesday and Thursday are invited to attend the poster reception on Thursday evening from 18:30-19:30.

monday and tuesday posters

CATEGORY/SUB-CATEGORY	POSTER NUMBERS	LOCATION
Brain Stimulation		
TDCS	1-9	Exhibit Hall (Level 0)
Brain Stimulation-other	10-17	Exhibit Hall (Level 0)
Deep Brain Stimulation	18-25	Exhibit Hall (Level 0)
Cognition and Attention		
Executive Function	26-124	Exhibit Hall (Level 0)
Perception, Imagery, Awareness	125-236	Exhibit Hall (Level 0)
Reasoning and Problem Solving	237-259	Exhibit Hall (Level 0)
Space, Time and Number Coding	260-294	Exhibit Hall (Level 0)
Disorders of the Nervous System		
Epilepsy	295-347	Exhibit Hall (Level 0)
Mood and Anxiety Disorders	348-443	Exhibit Hall (Level 0)
Parkinson's Disease and other Basal Ganglia	444-488	Exhibit Hall (Level 0)
Schizophrenia	489-589	Exhibit Hall (Level 0)
Stroke and Recovery of Function	590-622	Multifunction Area (Level -1)
Emotion and Motivation		
Reward	623-692	Multifunction Area (Level -1)
Sexual Behavior	693-698	Multifunction Area (Level -1)
Social Behavior	699-776	Multifunction Area (Level -1)
Imaging Techniques and Contrast Mechanism		
Multi-Modal Integration	777-820	Multifunction Area (Level -1)
Optical Imaging/NIRS/MRS	821-866	Multifunction Area (Level -1)
Perfusion MRI	867-887	Multifunction Area (Level -1)
PET	888-892	Multifunction Area (Level -1)
TMS	893-895	Multifunction Area (Level -1)
Language		
Production	1515-1545	Multifunction Area (Level -1)
Reading/Writing	1546-1593	Multifunction Area (Level -1)

monday and tuesday posters, continued

CATEGORY/SUB-CATEGORY	POSTER NUMBERS	LOCATION
Memory and Learning		
Plasticity (Normal and Following Pathology)	896-915	Multifunction Area (Level -1)
Working Memory	916-964	Multifunction Area (Level -1)
Modeling and Analysis		
Functional Connectivity & Structural Equation Modeling	965-1063	Multifunction Area (Level -1)
Motion Correction/Spatial Normal, Atlas Construction	1064-1090	Multifunction Area (Level -1)
Multivariate Modeling, PCA and ICA	1091-1152	Multifunction Area (Level -1)
Non-Bold fMRI	1153-1157	Multifunction Area (Level -1)
Task-Independent Activity	1158-1199	Multifunction Area (Level -1)
Univariate Modeling, Linear and Nonlinear	1200-1227	Multifunction Area (Level -1)
Motor Behavior		
Cerebellum	1228-1235	Multifunction Area (Level -1)
Hand Movements	1236-1262	Multifunction Area (Level -1)
Locomotion	1263	Multifunction Area (Level -1)
Motor-Premotor Cortex / Motor Cortical Functions	1264-1318	Multifunction Area (Level -1)
Neuroanatomy		
DTI Studies, Application	1319-1380	Multifunction Area (Level -1)
Physiology, Metabolism and Neurotransmission	1381-1400	Multifunction Area (Level -1)
Sensory Systems		
Pain and Autonomic Function	1401-1442	Multifunction Area (Level -1)
Tactile/Somatosensory	1443-1468	Multifunction Area (Level -1)
Vision	1469-1514	Multifunction Area (Level -1)

wednesday and thursday posters

CATEGORY/SUB-CATEGORY	POSTER NUMBERS	LOCATION
Brain Stimulation		
TMS	1-37	Exhibit Hall (Level 0)
Cognition and Attention		
Attention (Auditory, Tactile, Motor)	38-66	Exhibit Hall (Level 0)
Attention (Visual)	67-145	Exhibit Hall (Level 0)
Cognitive Aging	146-199	Exhibit Hall (Level 0)
Cognitive Development	200-242	Exhibit Hall (Level 0)
Disorders of the Nervous System		
Addiction	243-301	Exhibit Hall (Level 0)
Alzheimer and Dementia	302-390	Exhibit Hall (Level 0)
Autism	391-432	Exhibit Hall (Level 0)
Brain and Spinal Cord Trauma	433-458	Exhibit Hall (Level 0)
Developmental Disorders	459-505	Exhibit Hall (Level 0)

wednesday and thursday posters, continued

CATEGORY/SUB-CATEGORY	POSTER NUMBERS	LOCATION
Emotion and Motivation		
Decision Making	506-566	Exhibit Hall (Level 0)
Emotional Learning	567-589	Exhibit Hall (Level 0)
Emotional Perception	590-695	Multifunction Area (Level -1)
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Genetics	696-749	Multifunction Area (Level -1)
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Imaging Techniques and Contrast Mechanism		
Anatomical MRI	750-799	Multifunction Area (Level -1)
Diffusion MRI	800-875	Multifunction Area (Level -1)
EEG	876-910	Multifunction Area (Level -1)
Functional MRI	911-993	Multifunction Area (Level -1)
MEG	994-1017	Multifunction Area (Level -1)
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Language		
Comprehension	1018-1090	Multifunction Area (Level -1)
Language Acquisition	1091-1106	Multifunction Area (Level -1)
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Memory and Learning		
Learning (Explicit and Implicit)	1107-1143	Multifunction Area (Level -1)
Long-term Memory (Episodic, Semantic, Autobiographical)	1144-1191	Multifunction Area (Level -1)
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Modeling and Analysis		
Bayesian Modeling	1192-1205	Multifunction Area (Level -1)
Bold fMRI	1206-1248	Multifunction Area (Level -1)
Classification and Predictive Modeling	1249-1313	Multifunction Area (Level -1)
Exploratory Methods, Artifact Removal	1314-1358	Multifunction Area (Level -1)
Flattening, Segmentation	1359-1393	Multifunction Area (Level -1)
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Motor Behavior		
Basal Ganglia/Brainstem/Spinal Cord	1394-1402	Multifunction Area (Level -1)
Brain-machine Interface	1403-1410	Multifunction Area (Level -1)
Eye Movements/ Visuomotor Processing	1411-1418	Multifunction Area (Level -1)
Neuroanatomy	1419-1496	Multifunction Area (Level -1)
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Anatomical Studies		
Pharmacology	1497-1510	Multifunction Area (Level -1)
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Sensory Systems		
Auditory/ Vestibular	1511-1542	Multifunction Area (Level -1)
Chemical Senses: Olfaction, Taste	1543-1549	Multifunction Area (Level -1)
Multisensory and Crossmodal	1550-1588	Multifunction Area (Level -1)

Schedule of Poster Presentations and List of Posters

*Indicates poster will also be presented during an Oral Session. The oral session number is indicated in parentheses after the abstract title.

Information listed appears as author submitted. The first author's affiliation is listed for each abstract.

**Monday, June 7 and Tuesday, June 8
12:30 – 13:30**

BRAIN STIMULATION

TDCS

1 MT-AM

Regional neuronal activity changes measured during bilateral transcranial DC stimulation

Caroline Paquette, Alexander Thiel, Jewish General Hospital - McGill University, Montreal, QC, Montreal, Canada

3 MT-AM

The Electric Field on the Cortical Surface of the Human Brain during tCS

Abeye Mekonnen, Mai Lu, Ricardo Salvador, Giulio Ruffini, Pedro Miranda, Institute of Biophysics and Biomedical Engineering, Faculty of Science, University of Lisbon, Lisbon, Portugal

5 MT-AM

Modulation of large-scale brain networks by transcranial direct current stimulation. A resting-state

Cleofé Peña-Gómez, Imma C. Clemente, Roser Sala-Llloch, Didac Vidal Piñero, Carme Junque, Nuria Bargallo, Carles Falcon, Valls-Solé Josep, Alvaro Pascual-Leone, David Bartrés-Faz, University of Barcelona, Barcelona, Spain

7 MT-AM

EEG Source Reconstructions of Cortical Activations from Model Transcranial Current Stimulation (tCS)

Diane Whitmer, Isabelle Merlet, Benham Moalee-Ardekani, Gwenael Birot, Fabrice Wendling, Giulio Ruffini, Starlab, Barcelona, Spain

9 MT-AM

Transcranial Direct Current Stimulation's Effect on Novice versus Experienced Learning

Lauren Bullard, Elizabeth Browning, Vincent Clark, Brian Coffman, Rex Jung, Elizabeth Kimball, Andre van der Merwe, Cassandra Wootton, Michael Weisend, Mind Research Network, Albuquerque, United States

BRAIN STIMULATION

Brain Stimulation-other

11 MT-AM

Exploring Specificity of Acupuncture Using Functional Connectivity Analysis Based on Graph Theory

Chongguang Zhong, Lijun Bai, Jie Tian, Institute of Automation of Chinese Academy of Sciences, Beijing, China

13 MT-AM*

Localized Modulation of Brain Function using Pulsed Low-intensity Focused Ultrasound (O-W4)

Seung-Schik Yoo, Alexander Bystritsky, Jong-Hwan Lee, Yongzhi Zhang, Byoung-Kyong Min, Krisztina Fischer, Nathan McDannold, Ferenc Jolesz, Alvaro Pascual-Leone, Harvard Medical School, Brigham and Womens Hospital, Boston, United States

15 MT-AM

Effects of cranial electrotherapy stimulation on resting brain activity

Jamie Feusner, Teena Moody, Emily Hembacher, Jordan Hoffman, Susan Bookheimer, Alexander Bystritsky, UCLA Semel Inst. for Neuroscience and Human Behavior, Los Angeles, United States

17 MT-AM

Cortical stimulation mapping of language cortex using picture naming: error types vary by region

David Perry, UCSF, San Francisco, CA, United States

BRAIN STIMULATION

Deep Brain Stimulation

19 MT-AM

MRI Magnetic Susceptibility Mapping May Reduce Targeting Errors in SWI for Deep Brain Stimulation

Karin Shmueli, Ruth O'Gorman, David Lythgoe, Michael Samuel, Jozef Jarosz, Richard Selway, Keyoumars Ashkan, National Institutes of Health, Washington, United States

21 MT-AM

The signature of successful VIM stimulation for tremor

Johannes Klein, Michael Barbe, Simon Baudrexel, Thomas Gasser, Lutz Weise, Matthias Runge, Mohammad Maarouf, Ruediger Hilker, Goethe-University of Frankfurt, Frankfurt am Main, Germany

23 MT-AM

Phantom for investigating deep brain stimulation artifacts in MEG recordings

Christopher Butson, Rey Ramirez, Brian Kopell, Sylvain Baillet, Medical College of Wisconsin, Milwaukee, United States

25 MT-AM

Abnormalities of Brain Connectivity in Dystonia

Patrick Schweder, Peter Hansen, Alex Green, Gerardine Quaghebeur, Tipu Aziz, University of Oxford, Department of Neurosurgery, Oxford, United Kingdom

COGNITION AND ATTENTION

Executive Function

27 MT-AM

Differences in activation between pathological gamblers and non gamblers on the Stop Signal Task

Veena Narayan, Russell Poldrack, Timothy Fong, Arthur Toga, UCLA, Los Angeles, United States

29 MT-AM

Distinct contributions of pre-SMA and rIFG to action reprogramming: A paired-pulse TMS study

Rogier Mars, Franz-Xaver Neubert, Ethan Buch, Etienne Olivier, Matthew Rushworth, University of Oxford, Oxford, United Kingdom

31 MT-AM

Imaging Treatment Response to Cognitive-Behavioral Therapy in Patients with Chronic Pain

Magdalena Naylor, Michael Krauthamer, Julie Dumas, Paul Newhouse, University of Vermont, Burlington, United States

33 MT-AM

Different prefrontal contributions in continuous speed-accuracy adjustments: an fMRI study

Antonino Vallesi, Anthony McIntosh, Cristiano Crescentini, Donald Stuss, SISSA, Trieste, Trieste, Italy

35 MT-AM

An attentional control system in rostral PFC: directing attention to external or mental information

Ilona Henseler, Sebastian Krueger, Peter Dechent, Oliver Gruber, MPI for Human Cognitive and Brain Sciences, Leipzig, Germany

37 MT-AM

Neural correlates of error monitoring modulated by atomoxetine in healthy volunteers

Heiko Graf, Birgit Abler, Roland Freudenmann, Petra Beschoner, Manfred Spitzer, Matthias Schwab, Georg Grön, Ulm University, Psychiatry III, Ulm, Germany

39 MT-AM

When is the prefrontal cortex necessary for establishing cognitive sets?

Laura Hughes, James Rowe, MRC-CBU, Cambridge, United Kingdom

41 MT-AM*

Functional and Anatomical Networks of Inhibition and Action Reprogramming (O-Th1)

Franz-Xaver Neubert, Rogier Mars, Ethan Buch, Etienne Olivier, Matthew Rushworth, University of Oxford, Oxford, United Kingdom

43 MT-AM

Less is More: The Plasticity of the Error-detection System in Reading Among Dyslexics

Tzipi Horowitz-Kraus, Zvia Breznitz, Edmond J. Safra Brain Research Center for the Study of Learning Disabilities, University of Haifa, Haifa, Israel

45 MT-AM

Maladaptation of event-related EEG preceding performance errors

Heike Eichele, Hilde Juvodden, Markus Ullsperger, Tom Eichele, University of Bergen, Bergen, Norway

47 MT-AM

Differences in trait, behavioral, and neural correlates of inhibitory control across paradigms

Eliza Congdon, Katherine Karlsgodt, Eric Miller, Fred Sabb, Tyrone Cannon, Edythe London, Robert Bilder, Nelson Freimer, Russell Poldrack, University of California Los Angeles, Los Angeles, United States

49 MT-AM

Neural Correlates of Negative Priming: Comparison of an Identity-based and a Location-based paradigm

Eva Bauer, Ruprecht Christoph, Gallhofer Bernd, Gebhard Sammer, Cognitive Neuroscience Lab at the Center for Psychiatry, Giessen, Germany

51 MT-AM

Neural Correlates of Creative Writing – an fMRI study

Carolin Shah, Evangelia Kaza, Martin Lotze, Functional Imaging Unit, Center for Diagnostic Radiology, University of Greifswald, Greifswald, Germany

53 MT-AM

Neural Correlates of Mindfulness in Long-Term Meditators and Non-Meditators

Harvey Hensley, Brian Egleston, Feroze Mohamed, Diane Reibel, Barton Milestone, Rosaleen Parsons, Carolyn Fang, Fox Chase Cancer Center, Philadelphia, United States

55 MT-AM

EEG wavelet analysis: frequency (sub-) components in a parametric working memory task

Susanne Karch, Katharina Groetzinger, Gregor Leicht, Anna Länger, Felix Segmiller, Oliver Pogarell, Christoph Mulert, Ludwig-Maximilians-University Munich, Munich, Germany

57 MT-AM

Behavioural inhibition and decision making processes in patients with impulse control deficits

Susanne Karch, Hanna Merz, Gabriele Koller, Bettina Hock, Markus Opgen-Rhein, Anja Cerovecki, Felix Segmiller, Gregor Leicht, Christoph Mulert, Michael Riedel, Oliver Pogarell, Ludwig-Maximilians-University Munich, Munich, Germany

59 MT-AM

Decoding the What and When of Prospective Intentions

Ida Momennejad, John-Dylan Haynes, BCCN/ Berlin School of Mind & Brain, Berlin, Germany

61 MT-AM

A meta-analytic comparison of affective and standard versions of the Go/NoGo paradigm

Jonathan Ipser, Dan Stein, University of Cape Town, Cape Town, South Africa

63 MT-AM

Different functions in the cingulate cortex

Diana Torta, Franco Cauda, University of Turin, Torino, Italy

65 MT-AM

Spatio-temporal representation in the Supplementary Motor Area (SMA) of internally generated actions

Keren Rosenberg, Shahar Jamshy, Neomi Singer, Svetlana Kipervasser, Itzhak Fried, Talma Hendler, Wohl Institute for Advanced Imaging, Tel-Aviv Medical Center, Tel-Aviv, Israel

67 MT-AM

Learning from errors: FRN and P300 in processing negative feedback and encoding correct information

Ellen de Bruijn, Rogier Mars, K. Richard Ridderinkhof, Robert Hester, Donders Institute for Brain, Cognition and Behaviour, Nijmegen, Netherlands

69 MT-AM

Stop-signal response inhibition deficits in schizophrenia patients and their unaffected siblings

Bram Zandbelt, Matthijs Vink, Mariët van Buuren, Rene Kahn, Rudolf Magnus Institute of Neuroscience, Utrecht, Netherlands

71 MT-AM

The influence of reward on working memory in typically developing children

Gillian Cooke, Jessica Gayda, James Booth, Northwestern University, Evanston, United States

73 MT-AM

Neural circuitry of behavioral inhibition: Differentiation of early and late processes

Alexandra Sebastian, Stefan Kloeppe, Bernd Feige, Christoph Stahl, Andreas Voss, Klaus Lieb, Oliver Tuescher, University Hospital Freiburg, Freiburg, Germany

75 MT-AM

Anticipating Executive Control Demands: An fMRI Study

Gamze Alpay, Christian Kaufmann, Stefanie Kehrer, Brandt Stephan, Stürmer Birgit, Humboldt-Universität zu Berlin, Berlin, Germany

77 MT-AM

Subcortical Dopamine Synthesis is Differentially Associated with Separable Cognitive Factors

Angela Ianni, Joseph Masdeu, Philip Kohn, Anees Benferhat, Dwight Dickinson, Daniel Eisenberg, Daniel Weinberger, Karen Berman, National Institutes of Health, Bethesda, United States

79 MT-AM

Diffusion tensor imaging (DTI) correlates of task-switching behavior

Jose Perianez, Marcos Rios-Lago, Juan Alvarez-Linera, University Complutense of Madrid, Madrid, Spain

81 MT-AM

Different types of target probability produce different patterns of prefrontal activity

Nicholas Hon, Jeffrey Ong, Rebecca Tan, Hsiang Yang Tang, National University of Singapore, Singapore, Singapore

83 MT-AM

The role of the prefrontal cortex in motor control and learning of reaching movements – a NIRS study

Kotaro Goto, Yoko Hoshi, Masashi SATA, Makoto Takahashi, Masakuni Kawahara, Harumitsu Murohashi, Graduate School of Education, Hokkaido University, Ebetsu, Japan

85 MT-AM

Neurophysiological mechanisms sub serving inhibitory control in bilingual production

Patricia Román, M. Bajo, Universitat Jaume I, Castellón, Spain

87 MT-AM

Mistakes that affect others: an fMRI study on error processing in a social context

Sina Radke, Floris de Lange, Markus Ullsperger, Ellen de Bruijn, Radboud University, Donders Institute for Brain, Cognition and Behavior, Nijmegen, Netherlands

89 MT-AM

Different activations of MCC and IFC during response conflict and stopping as observed in a flanker

Stefanie Enriquez-Geppert, Tom Eichele, Andreas Wollbrink, Christo Pantev, Rene Huster, Institute for Biomagnetism and Biosignalanalysis, Münster, Germany

91 MT-AM

Functional connectivity differs between high and low performers in a branching task

Jan Derrfuss, D. Yves von Cramon, Marc Tittgemeyer, Max Planck Institute for Neurological Research, Cologne, Germany

93 MT-AM

A medial frontal system for internal monitoring: Evidence from an investigation of error processing

Timothy Ham, Kirsi Kinnunen, Christian Beckmann, Xavier De Boisseson, Alex Leff, David Sharp, Imperial College London, London, United Kingdom

95 MT-AM

Error Awareness revisited: Event-related brain potentials and the autonomic nervous system

Jan Reinhold Wessel, Claudia Danielmeier, Markus Ullsperger, Max Planck Institute for Neurological Research, Cologne, Germany

97 MT-AM

Theta burst stimulation dissociates attention and action updating in human inferior frontal cortex

Frederick Verbruggen, Adam Aron, Michael Stevens, Chris Chambers, Ghent University, Ghent, Belgium

99 MT-AM

Brain Processes during Meditation and Other Tasks Explored with fMRI

Klaus Bærentsen, Bo Sommerlund, Johannes Damsgaard-Bruhn, Mark Fosnæs, Hans Stødkilde-Jørgensen, University of Aarhus, Denmark, Aarhus, Denmark

101 MT-AM

The modulating effect of extraversion and conscientiousness on neural error processing: A fMRI study

Zrinka Sosic-Vasic, Martin Ruchow, Georg Grön, University Clinic of Ulm, Ulm, Germany

103 MT-AM

Extremely rapid redistribution of brain activation patterns during instruction-based learning

Hannes Ruge, Uta Wolfensteller, Technische Universität Dresden, Dresden, Germany

105 MT-AM

Strategy-effects in prefrontal cortex during learning of higher-order S-R rules

Uta Wolfensteller, D. Yves von Cramon, Technische Universität Dresden, Dresden, Germany

107 MT-AM

Lesions to dlPFC and OFC have dissociable effects on distal cortical network properties

Caterina Gratton, Emi Nomura, Fernando Perez, Mark D'Esposito, University of California, Berkeley, Berkeley, United States

109 MT-AM

Preparing to stop yourself: Functional MRI and ECoG reveal brain network, timing and frequency band

Weidong Cai, Nicole Swann, Nitin Tandon, Mike Claffey, Frederick Verbruggen, Thomas Pieters, Adam Aron, University of California, San Diego, La Jolla, United States

111 MT-AM

An fMRI investigation: competition and interpersonal interaction in a competitive Tetris game

Yun-An Huang, Tai-Li Chou, Shu-Hui Lee, Li-Ying Fan, Jyh-Hong Chen, National Taiwan University, Taipei, Taiwan, Republic of China

113 MT-AM

The Inhibition of Previous Task Sets: The Neural Correlates

Anson Whitmer, Marie Banich, Stanford University, Stanford, United States

115 MT-AM

Alterations in Intrinsic Connectivity in Executive Control Networks in Prematurely-Born Adolescents

Laura Ment, Michelle Hampson, Karen Schneider, Karol Katz, Elise Cheng, Cheryl Lacadie, R. Todd Constable, Yale University, New Haven, United States

117 MT-AM

Withholding your actions, beyond an inhibitory framework

Lluis Fuentemilla, Cunillera Toni, Marco-Pallares Josep, Krämer Ulrike, Nuria Rojo, Thomas F. Münte, Antoni Rodríguez-Fornells, IDIBELL (Spain), Barcelona, Spain

119 MT-AM

Association between Resting State Functional Networks and Dopamine Synthesis

Jasmin Czarapata, Eisenberg Daniel, Fabio Sambataro, Richard Reynolds, Karen Berman, NIH, Bethesda, United States

121 MT-AM

Differential effect of rTMS on fronto-parietal network in a prospective memory task

Giorgia Cona, Demis Basso, Sami Schiff, Patrizia Bisiacchi, University of Padua, Padua, Italy

123 MT-AM

Variation in preparatory and post-target ERP components of task-switching across the RT distribution

Frini Karayanidis, Alexander Provost, Scott Brown, Sharna Jamadar, Andrew Heathcote, University of Newcastle, Callaghan, Australia

COGNITION AND ATTENTION

Perception, Imagery, Awareness

125 MT-AM

Parametric fMRI correlates of multiple face orientations

Catarina Saiote, Joana Silva, Carlos Alexandre Gomes, Martin Lauterbach, Sofia Reimão, Patricia Figueiredo, Instituto Superior Tecnico, Lisbon, Portugal

127 MT-AM

Inhibition of Default Mode Network Activity During Mindfulness Meditation

Ulrich Ott, Bertram Walter, Helge Gebhardt, Rudolf Stark, Dieter Vaitl, Bender Institute of Neuroimaging, University of Giessen, Giessen, Germany

129 MT-AM

An fMRI study of verbal cues and temporal attention in search of rapidly presented pictures

Julie Yoo, Su Mei Lee, Brad Wyble, Nupur Lala, John Gabrieli, Mary Potter, MIT, Cambridge, United States

131 MT-AM

Functional brain imaging of a Dalí painting visual illusion by fMRI

José González-Mora, Cristián Modroño, Francisco Marcano, Yolanda Marcelino, Marta Lecuona, Antonio Rodríguez-Hernández, Enrique Burunat, Gorka Navarrete, Manuel Rodríguez Díaz, University of La Laguna, Tenerife, Spain

133 MT-AM

hMT+ and pSTS correlate with motion properties viewed in long video displays of human activities

Phil McAleer, Frank Pollick, Frances Crabbe, Scott Love, Jeffrey Zacks, University of Glasgow, Glasgow, United Kingdom

135 MT-AM

Networks underlying perceptual closure revealed using transfer entropy on MEG beamformer signals

Michael Wibral, Michael Lindner, Christine Gruetzner, Peter Uhlhaas, Raul Vicente, Brain Imaging Center Frankfurt, Frankfurt, Germany

137 MT-AM

An fMRI Study of Visual Art in Cartoon: Neuroaesthetics of Implied Motion Perception

Naoyuki Osaka, Mariko Osaka, Kyoto University, Kyoto, Japan

139 MT-AM

Ongoing Activity Fluctuations, Inter-Subject and Inter-Trial Variability in Stroop Task Performance

Clio Coste, Sepideh Sadaghiani, Andreas Kleinschmidt, INSERM-CEA U992, Gif/Yvette, France

141 MT-AM

Parieto-temporal activity is correlated with the sense of agency during visual target tracking

Sunao Iwaki, Kouji Takano, Kenji Kansaku, National Institute of Advanced Industrial Science and Technology (AIST), Ikeda, Japan

143 MT-AM

Speak to me: Communicating thoughts with fMRI in disorders of consciousness

Martin Monti, Audrey Vanhauzenhuysse, Steven Laureys, Adrian Owen, MRC Cognition and Brain Sciences Unit, Cambridge, United Kingdom

145 MT-AM

Binocular Rivalry: a Causal Role of the Parietal Cortex in Perceptual Selection

Natalia Zaretskaya, Axel Thielscher, Nikos Logothetis, Andreas Bartels, Centre for Integrative Neuroscience, Tübingen, Germany

147 MT-AM

Breakdown of connectivity and loss of differentiation of TMS-EEG brain responses during anesthesia

Melanie Boly, Mario Rosanova, Marie-Aurelie Bruno, Pierre Boveroux, Olivia Gosseries, Martino Napolitani, Gregory Hans, Didier Ledoux, Caroline Schnakers, Jean-Francois Brichant, Silvia Casarotto, Casali Adenauer, Giulio Tononi, Steven Laureys, Marcello Massimini, University of Liege, Belgium, Liege, Belgium

149 MT-AM

Brain perfusion correlates of visuoperceptual deficits in MCI and mild Alzheimer's Disease

Montse Alegret, georgina vinyes, merce boada, pablo martinez-lage, gemma cuberas, ana espinosa, isabel roca, isabel hernandez, sergi valero, James Becker, maitee rosende-roca, ana mauleon, Iluis tarraga, fundació ACE-ICNA, barcelona, Spain

151 MT-AM

sLORETA-EEG lagged coherence during breath counting varies with subject-rated performance

Patricia Milz, Pascal Faber, Roberto Pascual-Marqui, Kieko Kochi, Dietrich Lehmann, The KEY Institute for Brain-Mind Research, University Hospital of Psychiatry, Zurich, Switzerland

153 MT-AM

Probing the neural basis of the auditory octave illusion with frequency-tagged MEG signals

Anne Mandel, Satu Lamminmäki, Lauri Parkkonen, Riitta Hari, Brain Research Unit, Low Temperature Laboratory, Aalto University School of Science and Technology, Espoo, Finland

155 MT-AM

The link between BOLD activity and perceptual awareness is "stream-invariant" in the visual system

Guido Hesselmann, Rafael Malach, Weizmann Institute of Science, Rehovot, Israel

157 MT-AM*

Separating conscious access from spatial attention during masking: an MEG study (O-W7)

Valentin Wyart, Stanislas Dehaene, Catherine Tallon-Baudry, University of Oxford, Oxford, United Kingdom

159 MT-AM

Crossmodal body incongruency modulates parietal and sensorimotor cortex: a virtual reality EEG study

Pär Halje, Bigna Lenggenhager, Olaf Blanke, Laboratory of Cognitive Neuroscience (LNCO), Ecole Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland

161 MT-AM

Adaptive coding of object representation in anterior temporal, but not occipito-temporal regions

Lorina Naci, Lorraine Tyler, Richard Henson, Rhodri Cusack, University of Cambridge, Cambridge, United Kingdom

163 MT-AM

Auditory Decision-Making relies on a Prefrontal Sensory Comparator Mechanism

Niels Kloosterman, Flavia Filimon, Marios Philiastides, Titia van Zuijlen, André Werner, Ulman Lindenberger, Hauke Heekeren, Max Planck Institute for Human Development, Berlin, Germany

165 MT-AM*

Separating the sensory, perceptual and motor components of visual decision making (O-W7)

Jose Rebola, João Castelhana, Carlos Ferreira, Miguel Castelo-Branco, IBILI, Faculty of Medicine, University of Coimbra, Coimbra, Portugal

167 MT-AM

The structural basis of error awareness

Claudia Danielmeier, Jan Wessel, Markus Ullsperger, Max Planck Institute for Neurological Research, Cologne, Germany

169 MT-AM

Nonconscious Face Processing: Preferential Subcortical Visual and Cortical Spatial Activation

Vanessa Troiani, Robert Schultz, University of Pennsylvania, Philadelphia, United States

171 MT-AM

Neuroelectric and hemodynamic correlates of Sunyata meditation: a combined EEG and fMRI study

Ranganatha Sitaram, Michael Erb, Adrian Furdea, Quang Chieu Nguyen van Hung, Thich Thong Master Triet, University of Tuebingen, Tuebingen, Germany

173 MT-AM

Characterising Neural Tuning to Naturalistic Objects with Dynamically Adaptive Imaging

Michele Veldsman, Lorina Naci, Daniel Mitchell, Rhodri Cusack, MRC-CBU, Cambridge, United Kingdom

175 MT-AM

Reduced stimulus duration or visual masking? A comparison of two methods to study consciousness

Florian Ph.S Fischmeister, Veronika Schoepf, Christian Kasess, Christian Windischberger, Ewald Moser, Herbert Bauer, MR Centre of Excellence, Medical University Vienna, Vienna, Austria

177 MT-AM

Gamma-band activity is related to perceptual Eureka effect when observing ambiguous dynamic figures

João Castelhana, Jose Rebola, Eugenio Rodriguez, Miguel Castelo-Branco, IBILI, Faculty of Medicine, University of Coimbra, Coimbra, Portugal

179 MT-AM

The neural correlates of lexical and figural ambiguity processing

Birgit Keisker, Stefano Cappa, Spyros Kollias, Marco Tettamanti, San Raffaele Scientific Institute, Milan, Italy

181 MT-AM

Effect of foreign country lives on the other-race effect: an fMRI study

Chun-Chia Kung, Tsung-Ting Wang, Ming-Tsung Chuang, National Cheng Kung University, Tainan, Taiwan, Republic of China

183 MT-AM

User-independent calculation of resting state connectivity patterns in propofol sedated subjects

Pieter Guldenmund, Pierre Boveroux, Audrey Vanhauzenhuysse, Marie-Aurélié Bruno, Quentin Noirhomme, Athena Demertzi, Séverine Lauwick, Maurice Lamy, Christian Degueldre, Alain Plenevaux, Caroline Schnakers, Vincent Bonhomme, Steven Laureys, Melanie Boly, Andrea Soddu, Coma Science Group, Cyclotron Research Centre, University of Liège, Belgium, Liège, Belgium

185 MT-AM

The “Other Race Effect”: Viewing Own and Other Race Faces Engage Distinct Brain Networks

FRANK HAIST, Jiangang Liu, Jie Tian, Jeng-Ren Duann, Joan Stiles, Kang Lee, UNIVERSITY OF CALIFORNIA, SAN DIEGO, LA JOLLA, United States

187 MT-AM

Self Regulation Modulating Pain Perception: An ERP Study

Sam Chi Chung Chan, Chetwyn C. H. Chan, T. Y. Chui, Anne S. K. Kwan, The Hong Kong Polytechnic University, Hong Kong, Hong Kong

189 MT-AM

A Long Term Learning Dependent BOLD Activity Changes in FFA

Hyo Woon Yoon, Jun-Young Chung, Andre Brechmann, Taek-Hyun Ryu, Ji-Hyang Lim, Kyoung-Min Lee, Special Lab. Non-invasive Neuroimaging, Leibniz Institute for Neurobiology, Magdeburg, Germany

191 MT-AM

ATTENTION AND CONSCIOUSNESS DURING ABSENCE SEIZURES: AN EEG-fMRI STUDY

Francesca Benuzzi, Valentina Farinelli, Stefano Meletti, Paolo Nichelli, Dario Corniani, Elisa Gasparini, Dipartimento di Neuroscienze, Università di Modena e Reggio Emilia, Modena, Italy

193 MT-AM

Assessing multidimensional neural tuning for naturalistic stimuli using Dynamically Adaptive Imaging

Rhodri Cusack, MRC CBU, Cambridge, United Kingdom

195 MT-AM

The role of human cortical visual areas in detecting visual saliency

Sancho Moro, H. Steven Scholte, Hans Supèr, Barcelona University, Barcelona, Spain

197 MT-AM

The laterality in processing of face visual information at occipital face area(OFA)

Uk Su Choi, Yulwan Sung, Sang Han Choi, Su Jin Hong, Young Bo Kim, Zang Hee Cho, Neuroscience research institute, Incheon, Korea, Republic of

199 MT-AM

BOLD signal in retinotopic areas correlates with objective perception but not with subjective report in perceptual learning

Felipe Aedo-Jury, Caspar Schwiedrzik, Wolf Singer, Lucia Melloni, Max Plank Institute for Brain Research, Frankfurt am Main, Germany

201 MT-AM

Temporo-Parietal Junction encodes the Embodied Self: Neuro-Robotics, fMRI, and Lesion mapping

Silvio Ionta, Lukas Heydrich, Bigna Lenggenhager, Michaël Mouthon, Eleonora Fornari, Dominique Chapuis, Roger Gassert, Olaf Blanke, Laboratory of Cognitive Neuroscience (LNCO), Ecole Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland

203 MT-AM

Prototype-based coding of voice “shape” and “texture” in the auditory cortex

Marianne Latinus, Patricia Bestelmeyer, Frances Crabbe, Pascal Belin, University of Glasgow, Department of Psychology & Centre For Cognitive Neuroimaging, Glasgow, United Kingdom

205 MT-AM

Using fMRI to Detect Language Comprehension in the Vegetative State: Improving an Existing Paradigm

Beth Parkin, Jonathan Peelle, Martin Monti, Matt Davis, Adrian Owen, MRC Cognition and Brain Sciences Unit, Cambridge, United Kingdom

207 MT-AM

Neural repetition suppression is abolished by other-race faces

Roberto Caldara, Luca Vizioli, Guillaume Rousselet, University of Glasgow, Glasgow, United Kingdom

209 MT-AM

Attention modulates the processing of invisible faces in human fusiform gyrus

Philipp Sterzer, Marcus Rothkirch, Timo Stein, Charité University Hospital, Berlin, Germany

211 MT-AM

Bubbles and voice: acoustical features, behaviour and brain function linked by reverse correlation

Ian Charest, Marianne Latinus, Patricia Bestelmeyer, Julien Rouger, Nicola Van Rijsbergen, Frances Crabbe, Frédéric Gosselin, Philippe Schyns, Marie Smith, Pascal Belin, Centre for Cognitive Neuroimaging, Glasgow, United Kingdom

213 MT-AM

Perceptual and conceptual contributions to meaningful object processing: A spatiotemporal account

Alex Clarke, Kirsten Taylor, Barry Devereux, Billi Randall, Lorraine Tyler, University of Cambridge, Cambridge, United Kingdom

215 MT-AM

A neural basis for voice gender discrimination

Philip Weston, Michael Hunter, Dilraj Sokhi, Iain Wilkinson, Peter Woodruff, SCANLab, Academic Clinical Psychiatry, University of Sheffield, Sheffield, United Kingdom

217 MT-AM

Categorical neural processing of environmental sounds: activation and information-based mapping

Bruno L. Giordano, Stephen McAdams, Nikolaus Kriegeskorte, Robert J. Zatorre, Pascal Belin, CIRMMT - Schulich School of Music, McGill University, Montréal, Canada

219 MT-AM

Here's looking at you, kid

Matthias Ruf, Andreas Meyer-Lindenberg, Gabriele Ende, Central Institute of Mental Health, Mannheim, Germany

221 MT-AM

Lateral Occipital Cortex Represents Axis Structure

Mark Lescroart, Irving Biederman, University of Southern California, Los Angeles, United States

223 MT-AM

Highlighting sensory and motor components of human visual perception: an intracranial EEG study

Lior Fisch, Michal Ramot, Eran Privman, Michal Harel, Svetlana Kipervasser, Fani Andelman, Miri Neufeld, Uri Kramer, Itzhak Fried, Rafael Malach, Weizmann Institute of Science, Rehovot, Israel

225 MT-AM

Tuning of human ventral visual cortex to sensory and semantic features during perception and imagery

Daniel Mitchell, Rhodri Cusack, MRC Cognition and Brain Sciences Unit, Cambridge, United Kingdom

227 MT-AM

Specific and invariant human intra-cortical gamma-band responses to visual category information

Juan Vidal, Tomas Ossandon, Karim Jerbi, Sarang Dalal, Lorella Minotti, Philippe Kahane, Jean-Philippe Lachaux, Inserm U821, Brain Dynamics and Cognition; Université Claude Bernard Lyon 1, Lyon, France

229 MT-AM

Unmasking neuronal activity underlying conscious access in human intracranial recordings

Juan Vidal, Julien Jung, Philippe Kahane, Jean-Philippe Lachaux, Inserm U821, Brain Dynamics and Cognition; Université Claude Bernard Lyon 1, Lyon, France

231 MT-AM

Machine Learning based Prediction of Visual Awareness through seen versus unseen contrast stimulus

Rithwik Mutyala, Siamac Fazli, Benjamin Blankertz, BBCI, Berlin, Germany

233 MT-AM

Title: Impact of Mindfulness-Based Stress Reduction Training on Resting State Networks

Lisa Kilpatrick, Brandall Suyenobu, Suzanne Smith, Joshua Bueller, Emeran Mayer, Bruce Naliboff, UCLA, Los Angeles, United States

235 MT-AM

Visual Short-Term Memory Load Induced "Cortical Blindness"

Nikos Konstantinou, Bahador Bahrami, Geraint Rees, Nilli Lavie, University College London, London, United Kingdom

COGNITION AND ATTENTION

Reasoning and Problem Solving

237 MT-AM

Dissociating contradictions processes from logical operators in Universal and Particular Reasoning

Maria Teresa Medaglia, Franca Tecchio, Pia Rotshtein, Ngoc Jade Thai, Stefano Seri, Camillo Porcaro, Aston Brain Centre, School of Life and Health Sciences, Aston University, Birmingham, United Kingdom

239 MT-AM

Resource Allocation in Mathematical Cognition: Evidence from fMRI and Pupillometry

Steffen Landgraf, Elke van der Meer, Frank Krueger, Humboldt University Berlin, Berlin, Germany

241 MT-AM

Intelligence modulates deactivation of the default-mode network

Jan Mehnert, Franziska Preusse, Daniel Margulies, Arno Villringer, Elke van der Meer, Isabell Wartenburger, Berlin Neuroimaging Center, Berlin, Germany

243 MT-AM

Effects of degree task difficulty on neural activations in Math-gifted adolescents and controls

Javier Navas, Santiago Reig, Javier Sánchez-González, Olalla Robles, Juan Guzmán de Villoria, Carolina Franco, Pedro García-Barreno, Celso Arango, Manuel Desco, Unidad de Medicina y Cirugía Experimental. Hospital General Universitario Gregorio Marañón, Madrid, Spain

245 MT-AM

Neural correlates of creativity: an fMRI study using novel and unusual metaphors

Barbara Rutter, Soeren Kroegeer, Christiane Hermann, Sabine Windmann, Anna Abraham, Department of Clinical Psychology, Justus-Liebig University, Giessen, Germany

247 MT-AM

Different neural basis for judgments of social and physical necessity

Gorka Navarrete, Carlos Santamaría, Cristián Modroño, Antonio Rodríguez-Hernández, Francisco Marcano, Miguel Angel León, Jose Landeira, Enrique Burunat, José González-Mora, University of La Laguna, Tenerife, Spain

249 MT-AM

EEG Power Differences in High and Low Creative Subjects

Maria Starchenko, Institute of the Human Brain RAS, St-Petersburg, Russian Federation

251 MT-AM

Effects of preparing for a standardized reasoning test on cognition and brain function

Allyson Mackey, Alison Miller-Singley, Carter Wendelken, Silvia Bunge, UC Berkeley, Berkeley, United States

253 MT-AM

Heuristic or Rational? The neural mechanisms underlying different decision-strategies

Anna van Duijvenvoorde, Brenda Jansen, Hilde Huizenga, University of Amsterdam, Amsterdam, Netherlands

255 MT-AM

Suppression of the default network during the comparison of competing hypotheses

Jennifer Whitman, Paul Metzack, Liang Wang, Todd Woodward, University of British Columbia, Vancouver, Canada

257 MT-AM

Neural Correlates of Developmental Dyscalculia in Children: Univariate and Multivariate Analysis

Miriam Rosenberg-Lee, Christina Young, Caitlin Tenison, David Geary, Vinod Menon, Stanford University, Stanford, United States

259 MT-AM

Overcoming a perceptual bias in reasoning: evidence for a role of alpha activity in inhibition

Mathilde Bonnefond, Dimitri Bayle, Ira Noveck, Claude Delpuech, Jean Baptiste Van der Henst, Jeremie Mattout, CNRS, Lyon, France

COGNITION AND ATTENTION

Space, Time and Number Coding

261 MT-AM

The neural substrates underlying the spatial cognitive ability of the top level rugby players

Atsushi Sekiguchi, Satoru Yokoyama, Satoshi Kasahara, Yukihito Yomogida, Hikaru Takeuchi, Takeshi Ogawa, Yasuyuki Taki, Shin-ichi Niwa, Ryuta Kawashima, IDAC, Tohoku University, Sendai, Japan

263 MT-AM

DTI fiber-tracking for the study of unilateral neglect in patients with brain tumors

Giannantonio Spena, Federico D'Agata, Katuscia Sacco, Franco Cauda, Sergio Duca, Pietro Versari, Giuliano Geminiani, Neurosurgery Dep, Ospedale Civile, Alessandria, Italy

265 MT-AM

Loss of arithmetic abilities after virtual lesions of the posterior parietal cortex

Michael Andres, Barbara Pelgrims, Nicolas Michaux, Etienne Olivier, Mauro Pesenti, Université Catholique de Louvain, Louvain-la-Neuve, Belgium

267 MT-AM

Mental Number Line Training in Children with Developmental Dyscalculia

Karin Kucian, Ursina Grond, Stephanie Rotzer, Barbara Henzi, Claudia Schönmann, Ernst Martin-Fiori, Michael von Aster, University Children's Hospital, Zurich, Switzerland

269 MT-AM

Associate confusion in arithmetic problem solving: An fMRI study

Roland Grabner, Daniel Ansari, Gernot Reishofer, Karl Koschutnig, Franz Ebner, Swiss Federal Institute of Technology (ETH) Zurich, Zurich, Switzerland

271 MT-AM

Retrosplenial Cortex Encodes Heading Direction in Humans

Oliver Baumann, Jason Mattingley, Queensland Brain Institute, The University of Queensland, Brisbane, Australia

273 MT-AM

Object location processing in spatial scenes: an ERP study

Anne van Hoogmoed, Danielle van den Brink, Gabriele Janzen, Radboud University Nijmegen, Donders Institute for Brain, Cognition, and Behaviour, Nijmegen, Netherlands

275 MT-AM

Neurophysiological Evidence of Numerical Influence on Subjective Perception of Time

Denise Wu, Acer Chang, Shih-kuen Cheng, Daisy Hung, Ovid Tzeng, National Central University, Jhongli City, Taiwan, Republic of China

277 MT-AM

Seeing the world from different views: neural correlates of perspective taking and spatial updating

Valentina Sulpizio, Giorgia Committeri, Simon Lambrey, Mohamed Zaoui, Alain Berthoz, Gaspare Galati, ITAB, Institute for Advanced Biomedical Technologies, CHIETI, Italy

279 MT-AM

Category specific processing of Arabic Digits in the left Angular Gyrus: an fMRI study

Gavin Price, Daniel Ansari, University of Western Ontario, London, Canada

281 MT-AM

The neuronal correlates of visuo-spatial attentional shifts induced by irrelevant numerical cues

Valérie Goffaux, Giulia Dormal, Rainer Goebel, Romain Martin, Christine Schiltz, University of Luxembourg, Walferdange, Luxembourg

283 MT-AM

Rhythm production: Neural correlates of self-paced finger tapping vs. sensorimotor synchronization

Michael De Pretto, Yann Cojan, Andres Posada, Claude-Alain Hauert, University of Geneva, Geneva, Switzerland

285 MT-AM

Choice Effect Suppressed Distance Effect in Number Comparison Task in Brain Activity

Yousuke Ogata, Takeshi Aikawa, Takahiro Horaguchi, Noriya Watanabe, Miyuki Yamamoto, Graduate School of Comprehensive Human Sciences, University of Tsukuba, Ibaraki, Japan

287 MT-AM

Spatial navigation memory testing with virtual reality during fMRI

Fred Tam, George Polack, Simon Graham, Rotman Research Institute, Baycrest, Toronto, Canada

289 MT-AM

Near symmetry in a number bisection task yields faster responses and greater fusiform activity

Jessica Tsang, Miriam Rosenberg-Lee, Kristen Blair, Daniel Schwartz, Vinod Menon, Stanford University, Stanford, United States

291 MT-AM

Neural and cognitive correlates of sex differences in left-right discrimination

Helene Hjelmervik, Marco Hirnstein, Berge Osnes, Markus Hausmann, Kenneth Hugdahl, Karsten Specht, University of Bergen, Bergen, Norway

293 MT-AM

The role of frontoparietal circuit in time discrimination: a rTMS study

Vincenza Tarantino, Demis Basso, Giovanni Mento, Patrizia Bisiacchi, University of Padua, Padua, Italy

DISORDERS OF THE NERVOUS SYSTEM

Epilepsy

295 MT-AM

Surface-based iaSPM analysis for FDG PET imaging

Joong Il Kim, Joon Soo Lee, Hae-Jeong Park, Brain Korea 21 Project for Medical Science, Yonsei University, Seoul, Korea, Republic of

297 MT-AM

Disrupted small-world organization of structural cortical networks in temporal lobe epilepsy

Boris Bernhardt, Andrea Bernasconi, Zhang Chen, Yong He, Alan Evans, Neda Bernasconi, McConnell Brain Imaging Center, Montreal Neurological Institute and Hospital, McGill University, Montreal, Canada

299 MT-AM

MRI-based cortical thickness analysis in temporal lobe epilepsy: relationship to surgical outcome

Boris Bernhardt, Neda Bernasconi, Luis Concha, Andrea Bernasconi, McConnell Brain Imaging Center, Montreal Neurological Institute and Hospital, McGill University, Montreal, Canada

301 MT-AM

White matter fMRI in a callosotomy patient

Ryan D'Arcy, Jodie Gawryluk, Xiaowei Song, Erin Mazerolle, Steven Beyea, David Clarke, National Research Council, Halifax, Canada

303 MT-AM

Non-invasive Mapping of Ictal Rhythmic Activity Using High-resolution Prolonged EEG

Lin Yang, Gregory Worrell, Bin He, University of Minnesota, Minneapolis, United States

305 MT-AM

The Basal Ganglia are not correlated with Default Mode Network in Epilepsy

Ivan Rektor, Jan Tomcik, Michal Mikl, Radek Marecek, Milan Brazdil, Irena Rektorova, Masaryk University, Brno, Czech Republic

307 MT-AM

Localization of Interictal spikes in Posterior cortex epilepsy using EEG-fMRI and EEG source modeling

Eun Mi Lee, Ki-Young Jung, Ki-Young Jung, Hyun Wook Park, Joong Koo Kang, Sung Suk Oh, University of Ulsan College of Medicine, Asan Medical Center, Seoul, Korea, Republic of

309 MT-AM

Change Detection Mechanism Differs Between Frontal and Temporal Intractable Epilepsy Patients

Milena Korostenskaja, Maria Pardos, Hisako Fujiwara, Douglas Rose, Teija Kujala, Jing Xiang, Yingying Wang, Nat Hemasilphin, Ton DeGrauw, Ki Lee, Department of Neurology, Cincinnati Children's Hospital Medical Center, Cincinnati, United States

311 MT-AM

Detection of Epileptogenic Cortical Malformations with Surface-Based MRI Morphometry

Thomas Thesen, Brian Quinn, Orrin Devinsky, Chad Carlson, Eric Halgren, Jonathan DuBois, Carrie McDonald, Richard Leventer, Jacqueline French, Xiuyuan Wang, Donald Hagler, Olga Felsovalyi, Souheil Najjar, Anders Dale, Ruben Kuzniecky, NYU Epilepsy Center, Department of Neurology, New York University, New York, United States

313 MT-AM

Critical issues in assessing language lateralization in brain-tumor patients

Katharina Rosengarth, Frank Doodoo-Schittko, Stefanie Scheid, Christian Doenitz, Christian Ott, Ralf Luerding, Juergen Schlaier, Mark Greenlee, Alexander Brawanski, University of Regensburg, Regensburg, Germany

315 MT-AM

Assessing language dominance: The role of control tasks and statistical analysis

Frank Doodoo-Schittko, Katharina Rosengarth, Roland Rutschmann, Mark Greenlee, University of Regensburg, Regensburg, Germany

317 MT-AM

How to save all these inconclusive EEG-fMRI studies in epilepsy from the bin?

Frédéric Grouiller, Laurent Spinelli, Goran Lantz, Verena Brodbeck, Serge Vulliemoz, Karl Schaller, Margitta Seeck, Christoph Michel, University of Geneva, Geneva, Switzerland

319 MT-AM

The impact of template choice on deformation based morphometry in MR-normal temporal lobe epilepsy

Cathy Scanlon, Susanne Mueller, Sarang Joshi, Duygu Tosun, Philip Insel, Ian Cheong, Michael Weiner, Kenneth Laxer, VAMC, University of California, San Francisco, United States

321 MT-AM

Impaired default network of idiopathic generalized epilepsy patients: a resting state fMRI study

Ming Song, Hanjian Du, Tianzi Jiang, Institution of automation, Chinese academy of sciences, Beijing, China

323 MT-AM

Spatio-temporal Propagation of Ictal with High Frequency Oscillation (40~100Hz) on Intracranial ECoG

Yongho Kwak, Huije Che, Hyeyun Kim, Sang Kun Lee, CHUN KEE CHUNG, Seoul National University Hospital, MEG Center, Seoul, Korea, Republic of

325 MT-AM

Simultaneous intracranial EEG-fMRI to map haemodynamic correlates of epileptic discharges in humans

Serge Vulliemoz, David Carmichael, Karin Rosenkranz, Beate Diehl, Matthew Walker, Roman Rodionov, Andrew McEvoy, Louis Lemieux, UCL Institute of Neurology, London, UK, Geneva, Switzerland

327 MT-AM

Regional homogeneity: a new marker for unilateral mesial temporal lobe epilepsy?

Fabricio Pereira, Andrea Alessio, Tatiane Pedro, Elisabeth Bilevicius, Mauricio Sercheli, Jane Rondina, Helka Ozelo, Roberto Covolan, Gabriela Castellano, Benito Damasceno, Fernando Cendes, University of Campinas, Campinas, Brazil

329 MT-AM

Cognitive fMRI shows increased coactivation of motor cortex in juvenile myoclonic epilepsy

Christian Vollmar, Jonathan O'Muircheartaigh, Mark Symms, Gareth Barker, Veena Kumari, Pamela Thompson, John Duncan, Mark Richardson, Matthias Koepp, UCL Institute of Neurology, London, United Kingdom

331 MT-AM

Altered anatomical connectivity of mesial temporal structures in epilepsy – A DTI-tractography study

Lisa Vaugier, Gaelle Bettus, Sylviane confort-gouny, Patrick J. Cozzone, Patrick Chauvel, Fabrice Bartolomei, Jean-Philippe RANJEVA, Maxime Guye, CNRS UMR 6612, Marseille, France

333 MT-AM

Identifying brain structural endophenotypes in mesial temporal lobe epilepsy using quantitative MRI

Saud Alhusaini, Cathy Scanlon, Lisa Ronan, Gabor Borgulya, Sinead Maguire, Paul Brennan, Colin Doherty, Norman Delanty, Mary Fitzsimons, Gianpiero Cavalleri, Department of Molecular and Cellular Therapeutics, RCSI, Dublin, Ireland

335 MT-AM

Functional Connectivity-MRI of language network in patients with drug-resistant epilepsy

Emanuele Pravata, Chiara Briganti, Cesare Colosimo, Dante Mantini, Carlo Sestieri, Armando Tartaro, Massimo Caulo, Università Cattolica del Sacro Cuore - ROME, ROME, Italy

337 MT-AM

Material specific effects of visual memory tasks on fMRI in the presurgical workup of epilepsies

Martinus Hauf, Carole Rieben, Klemens Gutbrod, Arto C Nirkkko, Luigi Mariani, Roland Wiest, Neuroradiology, Inselspital, University of Bern, Bern, Switzerland

339 MT-AM

Localization of the epileptic focus in medically intractable epileptic patients using EEG-NIRS

Olivia Florea, Julie Tremblay, Natacha Paquette, Phetsamone Vannasing, Lionel Carmant, Frédéric Lesage, Patrick Cossette, Franco Lepore, Maryse Lassonde, Dang Nguyen, Centre de Recherche de l'Hôpital Sainte-Justine, Montréal, Canada

341 MT-AM

The Structural Plasticity of White Matter Networks Following Anterior Temporal Lobe Resection

Mahinda Yogarajah, Niels Focke, Silvia Bonelli, Pamela Thompson, Christian Vollmar, Andrew McEvoy, Mark Symms, Matthias Koepp, John Duncan, National Society for Epilepsy MRI Unit, Bucks, United Kingdom

343 MT-AM

The new trend of EEG monitoring using dense array EEG for patients with temporal lobe epilepsy

Madoka Yamazaki, Takamichi Yamamoto, Ayataka Fujimoto, Seirei Hamamatsu General Hospital, Hamamatsu, Japan

345 MT-AM

fMRI activation of the motor cortex in patients with congenital hemiparesis operated for epilepsy

Rafael Menezes Nunes, André Palmieri, Eliseu Paglioli, PUCRS, Porto Alegre, Brazil

347 MT-AM

Memory dysfunction in frontal lobe epilepsy.

The role of frontal lobes in long term memory process

Maria Centeno Soladana, Christian Vollmar, Jonathan O'muircheartaigh, Pam Thompson, Veena Kumari, Mark Symms, Gareth Barker, Mark Richardson, John Duncan, Matthias Koepp, UCL/Institute of Neurology. The National Society for Epilepsy. UK, London, United Kingdom

DISORDERS OF THE NERVOUS SYSTEM

Mood and Anxiety

349 MT-AM

Imaging vulnerability to depression

Ray Norbury, Zola Mannie, Matthew Taylor, Catherine Harmer, Philip Cowen, University of Oxford, Oxford, United Kingdom

351 MT-AM

Modeling and Quantification of Auditory Evoked Potentials: Application to Clinical Depression

Cliff Kerr, Andrew Kemp, Christopher Rennie, Peter Robinson, School of Physics, University of Sydney, Australia

353 MT-AM

Hemodynamic Response in Patients with MDD and Healthy Subjects During Autobiographical Memory Recall

Kymberly Young, Kristine Erickson, Allison Nugent, Stephen Fromm, Allan Mallinger, Maura Furey, Wayne Drevets, Laureate Institute for Brain Research, Tulsa, United States

355 MT-AM

Corticolimbic alterations and social reactivity in young people with major depressive disorder

Christopher Davey, Nicholas Allen, Ben Harrison, Dominic Dwyer, Patrick McGorry, Murat Yücel, University of Melbourne, Melbourne, Australia

357 MT-AM

Resting-state Functional Connectivity of Cingulate Subregions in Major Depressive Disorder

Chunshui Yu, Yuan Zhou, Tianjin Medical University General Hospital, Tianjin, China

359 MT-AM

fMRI correlates of sustained attention in euthymic bipolar patients and unaffected relatives

Gianna Sepede, Francesco Gambi, Domenico De Berardis, Daniela Campanella, Mauro Gianni Perrucci, Antonio Ferretti, Nicola Serroni, Francesco Moschetta, Cosimo Del Gratta, Rosa Maria Salerno, Filippo Maria Ferro, Massimo Di Giannantonio, GianLuca Romani, G. D'Annunzio University of Chieti, Chieti, Italy

361 MT-AM

Diffusion Tensor Imaging and Tract-Based Spatial Statistics in Obsessive-Compulsive Disorder

Takashi Nakamae, Jin Narumoto, Yuki Sakai, Seiji Nishida, Kei Yamada, Tsunehiko Nishimura, Kenji Fukui, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto, Japan

363 MT-AM

Early Adversity, Affect and Cognition: fMRI Studies of Youths with a History of Adverse Care-Giving

Francoise Maheu, Monique Ernst, Sven Mueller, Mary Dozier, Daniel Pine, Marc Pelletier, Jean Séguin, Michel Boivin, Richard Tremblay, Research Centre, Ste-Justine Hospital, Montreal, Canada

365 MT-AM

Shape analysis of the hippocampus in the female patients with unremitted major depressive disorder

Sam Soo Kim, Woo-Suk Tae, Kang Uk Lee, Eui-cheol Nam, Kangwon National University Hospital, Chuncheon, Korea, Republic of

367 MT-AM

Stress-related changes in human amygdala morphology: relevance for post-traumatic stress disorder

Raffaele Cacciaglia, Stephanie Ridder, Slawomira Diener, Frauke Nees, Oliver Grimm, Sebastian Pohlack, Claudia Liebscher, Herta Flor, Central Institute of Mental Health, Mannheim, Germany

369 MT-AM

A DTI study in suicidal and non-suicidal female patients with major depressive disorder

zhiyun jia, Qizhu Wu, Su Lui, Weihong Kuang, Qiyong Gong, Huaxi MR Research Center (HMRRC), Department of Radiology, West China Hospital of Sichuan University, Chengdu, China

371 MT-AM

Patients with obsessive-compulsive disorder show increased resting functional connectivity

Philipp Klein, Mareike Menz, Andreas Kordon, Fritz Hohagen, Christian Büchel, Bartosz Zurowski, UK-SH Campus Lübeck, Luebeck, Germany

373 MT-AM

Depression alters top-down visual attention: a DCM comparison between depressed and healthy subjects

martin Desseilles, Sophie Schwartz, Pierre Maquet, Christophe Phillips, Cyclotron Research Centre, University of Liège, Liège, Belgium

375 MT-AM

An investigation of Amino Acid Neurotransmitters as predictors of clinical improvement to ketamine in patients with Major Depression

Giacomo Salvatore, Jan Willem van der Veen, Yan Zhang, Cristina Wheeler-Castillo, Rodrigo Machado_vieira, Jun Shen, Wayne Drevets, Carlos Zarate, Jr., NIMH, Bethesda, United States

377 MT-AM

Neural correlates of attentional biases in traumatized patients with depressive symptoms

Negar Fani, Timothy Ely, Bekh Bradley-Davino, Justine Phifer, Asante Kamkwala, Lauren Sands, Erin Gard, Erin McClure-Tone, Kerry Ressler, Georgia State University, Atlanta, United States

379 MT-AM

Reduced Ventral Striatal and Amygdala Activity to Happy Faces in Posttraumatic Stress Disorder

Kim Felmingham, Erin Falconer, Adrian Allen, Lea Williams, Andrew Kemp, Anthony Peduto, Richard Bryant, University of New South Wales, Sydney, Australia

381 MT-AM

Losing the rose colored glasses: neural correlates of causal attribution in depression

Eva-Maria Seidel, Theodore Satterthwaite, Simon Eickhoff, Frank Schneider, Ruben Gur, Daniel Wolf, Ute Habel, Birgit Derntl, Faculty of Psychology, University of Vienna, Vienna, Austria

383 MT-AM

The emotional Stroop effect in social phobia – Psychological and neural foundations

Stephanie Schmidt, Wolfgang Miltner, Thomas Straube, University of Jena, Jena, Germany

385 MT-AM

Enhanced neural responses to interpersonal feedback in patients with major depression

Kyoung-Uk Lee, Yong-Sil Kwon, Chung Tai Lee, Keith Sudheimer, Shao-Shuan Ho, Sarah Garfinkel, Stephan Taylor, Israel Liberzon, The Catholic University of Korea, Seoul, Korea, Republic of

387 MT-AM

Altered affective processing of humor in patients with MDD

Nils Kohn, Dania Falkenberg, valentin Markov, Thilo Kellermann, Frank Schneider, Ute Habel, Department of Psychiatry and Psychotherapy, RWTH Aachen University, Aachen, Germany

389 MT-AM

5-HTT genotype effect on reward-related modulation of medial prefrontal activity in major depression

Philipp Sterzer, Claudia Hägele, Katharina Schmack, Florian Schlagenhaut, Meline Stoy, Imke Puls, Andreas Heinz, Ströhle Andreas, Charite University Hospital, Berlin, Germany

391 MT-AM

Emotion suppression during recall of life events in borderline personality: evidence from fMRI

Thomas Beblo, Nina Rullkoetter, Friedrich Woermann, Martin Driessen, Department of Psychiatry and Psychotherapy Bethel, Ev. Hospital Bielefeld, Bielefeld, Germany

393 MT-AM

VBM in patients with treatment-resistant depression using standard, new segmentation and DARTEL

Anca-Larisa Sandu, Eric Artiges, Hervé Lemaitre, André Galinowski, Damien Ringuenet, Thierry Gallarda, Frank Bellivier, Pascale Bruguière, Jean-Luc Martinot, Marie-Laure Paillère Martinot, INSERM - CEA research unit U 1000, Service Hospitalier Frédéric Joliot, Orsay, France

395 MT-AM

Oscillatory activity during a spatial working memory task in obsessive-compulsive disorder patients

Stella de Wit, Odile van den Heuvel, Janna Marie Hoogendam, Paul Klaver, Dick Veltman, Cornelis Stam, Ysbrand van der Werf, Dept. of Psychiatry, VU University Medical Center, Amsterdam, Netherlands

397 MT-AM

Corticostriatal Functional Connectivity in Non-medicated Patients with Obsessive-Compulsive Disorder

Yuki Sakai, Jin Narumoto, Seiji Nishida, Takashi Nakamae, Kei Yamada, Tsunehiko Nishimura, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto, Japan

399 MT-AM

fMRI and Connectivity Effects of Electro-Convulsive Therapy (ECT) in Depressed Patients

Erik Beall, Mark Lowe, Pallab Bhattacharyya, Micheal Phillips, Stephen Jones, Roman Dale, David Muzina, Cleveland Clinic, Cleveland, United States

401 MT-AM

Brain responses to painful stimulation in Major Depressive Disorder using Functional MRI

Oren Contreras, Marina López-Solà, Rosa Hernández-Ribas, Narcís Cardoner, Ben Harrison, Carles Soriano-Mas, Joan Deus, Hector Ortiz, José Manuel Menchon, Julio Vallejo, Jesus Pujol, Institut d'Alta Tecnologia-PRBB, CRC Hospital del Mar, Barcelona, Spain

403 MT-AM

Neural Correlates of Exerting Cognitive Control Over Mood in Depression

Amy Ross, Lainie Posecion, Nkechi Njaka, Ella Laramee, Stephanie Sassoon, David Scott, William Rekshan, Jon Hawkinson, deCharms Christopher, Omneuron, Inc., Menlo Park, United States

405 MT-AM

Alterations in white matter in a model of early life stress found with diffusion tensor imaging

Brittany Howell, Govind Nair, Xiaodong Zhang, Charles Nemeroff, Clinton Kilts, Xiaoping Hu, Mar Sanchez, Emory University, Atlanta, United States

407 MT-AM

Impact on neural correlates of executive dysfunction by different emotional states and conditions

Danuta Lisiecka, Angela Carballedo, Andrew Fagan, Anne O'Grady-Walsh, Yolande Fergusson, Gerald Connolly, James Meaney, Thomas Frodl, Trinity College Dublin, the School of Medicine, the Institute of Neuroscience, Dublin, Ireland

409 MT-AM

The Neural Activity during Reward Prediction under Uncertainty: An ERPs Study

Yui Takahashi, Hokkaido University, Sapporo, Japan

411 MT-AM

The effects of anxiety on working memory system

Xuebing Li, Pengfei Xu, Institute of Psychology, Chinese Academy of Sciences, Beijing, China

413 MT-AM

Implicit brain processing of happy and sad faces in bipolar and major depressive disorders

David Niddam, Jen-Chuen Hsieh, Tung-Ping Su, Tzu-Chen Yeh, Wen Jui Kuo, National Yang-Ming University, Taipei, Taiwan, Republic of China

415 MT-AM

Right amygdala volume increase in subjects with generalized social phobia

Carles Soriano-Mas, Jesus Pujol, Monica Gimenez, Joan Deus, Marina López-Solà, Hector Ortiz, Oren Contreras, Laura Blanco, Rosa Hernández-Ribas, Ricard Navines, Narcís Cardoner, Emilio Merlo-Pich, Magí Farré, Rocio Martin-Santos, CRC-Hospital del Mar, Fundacio IMIM, Barcelona, Spain

417 MT-AM

Chronic Depression is associated with Alterations in the Processing of Emotional Facial Expressions

Philipp Klein, Christina Scheibe, Sarah Baumeister, Laura Bayartz, Isabella Heuser, Hauke Heekeren, Michael Colla, UK-SH Campus Lübeck, Luebeck, Germany

419 MT-AM

The neural bases of checking behavior: an fMRI study in OCD patients

Karim NDIAYE, Anne Clair, Jean-Baptiste Pochon, Luc Mallet, CRICM (UPMC / INSERM UMR-S975 / CNRS UMR7225) & CES (CNRS UMR8174 / Université Paris I), Paris Cedex 13, France

421 MT-AM

Hemodynamic correlates of reinforcement learning in obsessive-compulsive disorder

Christian Kaufmann, Tanja Endrass, Rosa Gruetzmann, Katja Zschenderlein, Anja Riesel, Jan-Carl Beucke, Norbert Kathmann, Humboldt-Universität zu Berlin, Berlin, Germany

423 MT-AM

Anterior cingulate cortex surface area correlates with depressed severity

Jin Li, Li Li, Yu Han, Feng Xue, Ruiwang Huang, Xuemei Lei, Qi Dong, National Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, Beijing, China

425 MT-AM

Sex differences in resting state functional connectivity of the amygdala

Patrycja Stein, Andreas Hahn, Andreas Weissenbacher, Christian Windischberger, Ewald Moser, Rupert Lanzenberger, Siegfried Kasper, Medical University of Vienna, Vienna, Austria

427 MT-AM*

Glutamate in pgACC predicts its resting state connectivity with anterior insula in major depression (O-M3)

Dorothea Horn, Julia Buchmann, Annemarie Osoba, Jörn Kaufmann, Ulf Eckert, Kathrin Zierhut, Kolja Schiltz, Johann Steiner, Chunshui Yu, Huiguang He, Bharat B. Biswal, Bernhard Bogerts, Martin Walter, Otto-von-Guericke University Magdeburg, Magdeburg, Germany

429 MT-AM

Neural systems mediating susceptibility to dysphoric and nondysphoric depression after brain injury

Carissa Philippi, Sergio Paradiso, Daniel Tranel, David Rudrauf, University of Iowa, Iowa City, United States

431 MT-AM

Patterns of MEG activity to emotional expression distinguish healthy from bipolar individuals

Stefanie Hassel, Lucia Castellanos, Yang Xu, Anto Bagic, Glenda MacQueen, Robert Kass, Mary Phillips, Department of Psychiatry, University of Calgary, Calgary, Canada

433 MT-AM

Valence-Specific Interaction of Emotion and Cognition in the Anterior Cingulate Cortex

Wolfgang Huf, Gerald Pail, Gang Chen, Beate Hartinger, Christian Kasess, Siegfried Kasper, Venkata Mattay, Andreas Meyer-Lindenberg, Ewald Moser, Daniel Weinberger, Lukas Pezawas, Medical University of Vienna, Wien, Austria

435 MT-AM

Morphological differences in regions of the anterior cingulate cortex in female depression patients

Didem Gokcay, Zeynep Basgoze, Umut Turgut, Ozer Metin, Omer Kitis, Ali Gonul, METU Informatics Institute, Ankara, Turkey

437 MT-AM

fMRI study of medial prefrontal cortical function in pediatric post traumatic stress disorder

Suzanne Perkins, Chandra Sripatha, James Swain, Kate Fitzgerald, Julie Kaplow, Israel Liberzon, University of Michigan, Ann Arbor, United States

439 MT-AM

Processing shame and guilt in obsessive compulsive disorder: An fMRI study

Kristina Hennig-Fast, Petra Michl, Susanne Karch, Norbert Müller, Nico Niedermeyer, Rolf Engel, Maximilian Reiser, Hans-Jürgen Möller, Thomas Meindl, Ludwig-Maximilians-University of Munich, Munich, Germany

441 MT-AM

Emotional Faces and Threat-Related Words in Panic Disorder

Ales Grambal, Petr Frantis, Zbyněk Tüdös, Ján Praško, Pavlov, Petr Hlušík, University hospital Olomouc, Olomouc, Czech Republic

443 MT-AM

Differential processing of emotional anticipation in women with Premenstrual Dysphoric Disorder

Malin Gingnell, Johan Wikström, Mats Fredrikson, Inger Sundström Poromaa, Department of Psychology, Uppsala, Sweden

DISORDERS OF THE NERVOUS SYSTEM

Parkinson's Disease

297 WTh-AM

Working memory deficit in PD subjects due to a decrease in frontal and frontal-striatal connectivity

Sandra Leh, Marc Bohlken, Alain Ptito, Abbas Sadikot, Sonja Huntgeburth, Jen-Kai Chen, Antonio Strafella, University of Toronto, Toronto, Canada

447 MT-AM

Long-lasting Microglial Activation and Dopamine Dysfunction in Parkinson's Disease

Yasuomi Ouchi, Etsuji Yoshikawa, Masami Futatsubashi, Toshihiko Kanno, Shunsuke Yagi, Yasuo Tanizaki, Tatsuo Torizuka, Masanobu Sakamoto, Hamamatsu University School of Medicine, Hamamatsu, Japan

449 MT-AM

Dysfunctional basal ganglia premotor networks during movement preparation in writer's cramp

Jakob Jankowski, Sebastian Paus, Lukas Scheef, Malte Bewersdorff, Hans Schild, Thomas Klockgether, Henning Boecker, Functional Neuroimaging Group, Department of Radiology, University of Bonn, Bonn, Germany

451 MT-AM

The Regional Patterns of Brain Tissue Loss Associated with Depression in Parkinson's Disease

Massimo Filippi, Federica Agosta, Igor Petrovic, Sebastiano Galantucci, Vladana Spica, Milica Jecmenica-Lukic, Vladimir Kostic, Scientific Institute and University Hospital San Raffaele, Milan, Italy

453 MT-AM

Regional White Matter Damage in Parkinson's Disease and Progressive Supranuclear Palsy

Federica Agosta, Sebastiano Galantucci, Tanja Stojkovic, Alexandra Tomic, Igor Petrovic, Elisabetta Pagani, Vladimir Kostic, Massimo Filippi, Scientific Institute and University Ospedale San Raffaele, Milan, Italy

455 MT-AM

Changes in resting-state networks in writer's cramp

Bahram Mohammadi, Katja Kollwe, Christian Beckmann, Amir Samii, Reinhard Dengler, Thomas Münte, International Neuroscience Institute, Hannover, Germany

457 MT-AM

Shape analysis of subcortical nuclei in Huntington's disease

Simon van den Bogaard, Eve Dumas, Luca Ferrarini, Julien Milles, Mark Van Buchem, Jeroen van der Grond, Raymund Roos, Leiden University Medical Centre, Leiden, Netherlands

459 MT-AM

Circuit-Specific Striatal Degeneration in Huntington's disease; a Diffusion Tensor Imaging Study

India Bohanna, Nellie Georgiou-Karistianis, Anusha Sritharan, Hamed Asadi, Andrew Churchyard, Gary Egan, Howard Florey Institute, Carlton, Australia

461 MT-AM

Neural Correlates of Blepharospasm

Anastasia Ford, Muslimah Ali, John Ostuni, Mark Hallett, Silvina Horovitz, University of Florida, Gainesville, United States

463 MT-AM

Causality between nucleus subthalamicus and forearm muscles in Parkinson's patients

Esther Florin, Christiane Reck, Matthias Himmel, Mohammad Maarouf, Volker Sturm, Gereon Fink, Lars Timmermann, Research Center Juelich, Juelich, Germany

465 MT-AM

Dynamic changes in effective connectivity during timing prediction task

Ivica Husarova, Michal Mikl, Radek Marek, Ovidiu Lungu, Petr Krupa, Martin Bares, Dpt of Neurology, Masaryk University, St Anne University Hospital, Brno, Brno, Czech Republic

467 MT-AM

Default mode network in patients with Alzheimer's disease and Parkinson's disease: an fMRI study

Lenka Krajcovicova, Michal Mikl, Radek Marecek, Irena Rektorova, 1.Department of Neurology, St. Anne's University Hospital and Faculty of Medicine, Masaryk University, Brno, Czech Republic

469 MT-AM

Longitudinal changes in brains of MSA-P patients examined by deformation field morphometry

Peter Pieperhoff, Martin Südmeyer, Alfons Schnitzler, Karl Zilles, Katrin Amunts, Research Centre Juelich, INM-1, Juelich, Germany

471 MT-AM

Image-HD: An MR biomarker for elevated iron related MR phase in the striatum in Huntington's disease

Nathan Faggian, Zhaolin Chen, Nellie Georgiou-Karistianis, India Bohanna, Sarah-Pia Carron, Leigh Johnston, Julie Stout, Andrew Churchyard, Phyllis Chua, Gary Egan, University of Melbourne, Melbourne, Australia

473 MT-AM

Botulinum toxin does not modulate impaired somatosensory activation in orofacial dystonia

Christian Dresel, Ferdinand Bayer, Florian Castrop, Christoph Rimpau, Claus Zimmer, Bernhard Haslinger, Klinikum rechts der Isar, Department of Neurology, Muenchen, Germany

475 MT-AM

Modulation of striatal functional connectivity by L-DOPA in patients with Parkinson's disease

Youngbin Kwak, Scott Peltier, Martijn Muller, Nicolaas Bohnen, Praveen Dayalu, Rachael Seidler, University of Michigan, Ann Arbor, United States

477 MT-AM

Connectivity-based Segmentation of the Substantia Nigra in Humans

Ricarda Menke, Saad Jbabdi, Karla Miller, Paul Matthews, Mojtaba Zarei, FMRI Centre, University of Oxford, Oxford, United Kingdom

479 MT-AM

Altered neural activation is seen in premanifest Huntington's disease during emotion recognition

Marianne Novak, Draganski Bogdan, Susie Henley, Jason Warren, Richard Frackowiak, Sarah Tabrizi, Wellcome Trust Centre for Neuroimaging, London, United Kingdom

481 MT-AM

Longitudinal MRI in preclinical Huntington's reveals accelerating atrophy as clinical onset nears

Dewan-Syed Adnan Majid, Diederick Stoffers, Sarah Sheldon, Samar Hamza, Jody Goldstein, Jody Corey-Bloom, Adam Aron, University of California, San Diego, La Jolla, United States

483 MT-AM

White matter metabolite levels predict disease activity in patients with Huntington's Disease

Charles Gasparovic, Vincent Magnotta, Jeffrey Yager, William Adams, Alysse Flynn, Jess Fiedorowicz, Ricardo Jorge, Jane Paulsen, Douglas Langbehn, Robert Thoma, Leigh Beglinger, University of New Mexico, Albuquerque, United States

485 MT-AM

Density of GABA-A Receptors and Resting State Connectivity in Focal Hand Dystonia: a PET study

Cecile Gallea, Priyantha Herath, Valerie Voon, Alicja Lerner, John Ostuni, Ziad Saad, Shantalaxmi Thada, Ruth Tinsley, Jeff Solomon, Mark Hallett, NINDS, NIH, Bethesda, United States

487 MT-AM

A Structural and Volumetric Analysis of Cervical Dystonia – Implications for Surgical Treatment

Patrick Schweder, Peter Hansen, Alex Green, Gerardine Quaghebeur, Tipu Aziz, University of Oxford, Department of Neurosurgery, Oxford, United Kingdom

DISORDERS OF THE NERVOUS SYSTEM

Schizophrenia

489 MT-AM

Altered emotion processing in schizophrenia patients – A functional imaging study

Anne Pankow, Eva Friedel, Anne Beck, Michael Rapp, Andreas Heinz, Florian Schlagenhaut, Charité- Department of Psychiatry and Psychotherapy, Berlin, Germany

491 MT-AM

Inhibition of response to emotional words elicits attenuated neural responses in schizophrenia

Ans Vercammen, Richard Morris, Melissa Green, Lenroot Rhoshel, Jayashri Kulkarni, Vaughan Carr, Cynthia Shannon Weickert, Thomas Weickert, Prince of Wales Medical Research Institute, Randwick, Australia

493 MT-AM

Brain Morphometric Characteristics in a Large Sample of First Episode Schizophrenia Patients

Costin Tanase, Tyler Lesh, Cameron Carter, University of California Davis, Sacramento, United States

495 MT-AM

Altered activation in association with reward-related trial-and-error learning in patients with schi

Kathrin Koch, Claudia Schachtzabel, Gerd Wagner, Julia Schikora, Christoph Schultz, Jürgen Reichenbach, Heinrich Sauer, Ralf Schlösser, University of Jena, Jena, Germany

497 MT-AM

Disease and genetic effects toward local tissue volume disturbances in schizophrenia: a TBM study

Yaling Yang, Keith Nuechterlein, Owen Phillips, Boris Gutman, Ivo Dinov, Paul Thompson, Robert Asarnow, Katherine Narr, Arthur Toga, Laboratory of Neuro Imaging, Neurology Department, UCLA School of Medicine, LOS ANGELES, United States

499 MT-AM

Association between negative symptoms in schizophrenia and poor striatal function

Stefan Ehrlich, RANDY GOLLUB, Douglas Greve, Anastasia Yendiki, Dara Manoach, Beng-Choon Ho, Tonya White, S. Schulz, Daphne Holt, Massachusetts General Hospital, Department of Psychiatry, Charlestown, United States

501 MT-AM

An fMRI Study of Response Inhibition in Patients with Schizophrenia: Preliminary Findings

Graham Pluck, Kwang-Hyuk Lee, Nicoletta Lekka, Andrew Horton, Iain Wilkinson, Conal Devlin, Woodruff Peter, SCANLab, Academic Psychiatry, U of S, Sheffield, United Kingdom

503 MT-AM*

Dysmodularity in schizophrenia: unsupervised learning and graph theory approaches (O-W6)

Aaron Alexander-Bloch, David Meunier, Rhoshel Lenroot, Rasmus Birn, Nitin Gogtay, Jay Giedd, Edward Bullmore, NIH/University of Cambridge, Cambridge, United Kingdom

505 MT-AM

Differentiation of cognitive and psychomotor performance in schizophrenic patients

Simone Behrwind, Manuel Dafotakis, Edna-Clarisse Cieslik, Simon Eickhoff, University Hospital Aachen, Aachen, Germany

507 MT-AM

The neural correlates of emotion experience in schizophrenia – an fMRI study

Miriam Dyck, James Loughhead, Ruben Gur, Klaus Mathiak, RWTH Aachen University, Aachen, Germany

509 MT-AM

The neural basis of self-reflective processing in schizophrenia patients: an fMRI study

Lisette van der Meer, M. Pijnenborg, W. Nolen, H. Knegtering, André Aleman, BCN-NIC, Department of Neuroscience, University Medical Center Groningen, Groningen, Netherlands

511 MT-AM

Schizophrenia and Theory of Mind deficit: A functional network connectivity approach

Pritha Das, Jim Lagopoulos, Antony Henderson, Carissa Coulston, Gin Malhi, Vincent Calhoun, University of Sydney, Sydney, Australia

513 MT-AM

Reduced Volume of the OFC in First Episode Schizophrenia Patients with Familial Predisposition

Birgit Guse, Peter Falkai, Oliver Gruber, Thomas Wobrock, Georg-August-University, Göttingen, Germany

515 MT-AM

Alteration in resting-state brain connectivity related to genetic loading for psychosis

Wi Hoon Jung, Joon Hwan Jang, Chi-Hoon Choi, Ji Yeon Han, Eui-tae Kim, Geumsook Shim, Hye Yoon Park, Do-Hyung Kang, Jun Soo Kwon, CCNC, Seoul, Korea, Republic of

517 MT-AM

The Influence of Emotional Association on Recognition in Patients with Schizophrenia: a fMRI study

Jung Suk Lee, Ji Won Chun, Se-Joo Kim, Dong-Il Kang, Hae-Jeong Park, Jae Jin Kim, Institute of Behavioral Science in Medicine and Department of Psychiatry, Seoul, Korea, Republic of

519 MT-AM

Brain activation during the N-Back task as a predictor of future treatment response in first episode

Heather Taylor, Tiago Reis Marques, Andy Simmons, A.A.T. Simone Reinders, Rowena Handley, Valeria Mondelli, Sara Pozzoli, Marta DiForti, Anthony David, Robin Murray, Carmine Pariante, Paola Dazzan, Institute of Psychiatry, King's College London, London, United Kingdom

521 MT-AM

Altered effective connectivity in schizophrenia during appetitive conditioning

Andreea Oliviana Diaconescu, Hongye Wang, Jimmy Jensen, Mahesh Menon, Shitij Kapur, Anthony McIntosh, Rotman Research Institute, Baycrest Center, Toronto, Canada

523 MT-AM

The effect of G72 genotype on cognitive functions and their neural correlates

Andreas Jansen, Frieder Paulus, Soeren Krach, Axel Krug, Valentin Markov, Markus Thimm, N. Jon Shah, Markus Nöthen, Marcella Rietschel, Tilo Kircher, Philipps-University Muenster, Marburg, Germany

525 MT-AM

Neuroplasticity-Based Cognitive Training improves Reality-Monitoring in Schizophrenia Patients

Karuna Subramaniam, Tracy Luks, Stephanie Aldebot, Adelaide Hearst, Arul Thangavel, Gregory Simpson, Srikantan Nagarajan, Sophia Vinogradov, UCSF, San Francisco, United States

527 MT-AM

The Spatial Characteristics of White Matter Abnormalities in Schizophrenia

Tonya White, H. Bockholt, Arvind Caprihan, Stefan Ehrlich, Dara Manoach, Bryon Mueller, Beng-Choon Ho, Vincent Clark, John Lauriello, Juan Bustillo, Nancy Andreasen, RANDY GOLLUB, Vincent Calhoun, Kelvin Lim, S. Schulz, Vincent Magnotta, Erasmus Medical Centre, Rotterdam, Netherlands

529 MT-AM*

Morphometry of the superior frontal cortex in adolescent-onset psychosis (O-Th3)

Joost Janssen, Santiago Reig, Yasser Alemán-Gómez, Javier Navas, Dolores Moreno, Mara Parellada, Manuel Desco, Celso Arango, Unidad de Adolescentes de Psiquiatría, Hospital General Universitario Gregorio Marañón. CIBERSAM, Madrid, Spain

531 MT-AM

Cortical Dysconnectivity: A Genetic Intermediate Phenotype for Schizophrenia

Roberta Rasetti, Fabio Sambataro, Qiang Chen, Joseph Callicott, Venkata Mattay, Daniel Weinberger, NIMH, NIH, Bethesda, United States

533 MT-AM

Specific Structural Abnormalities in Schizophrenia, Anxiety and the Comorbidity Among Them

Marisol Picado, Susanna Carmona, Guillem Pailhez, Romina Cortizo, Ramón Planet, Daniel Bergé, Elseline Hoekzema, Ana Moreno, Mariana Rovira, Adolf Tobeña, Antoni Bulbena, Oscar Vilarroya, Universitat Autònoma de Barcelona, Barcelona, Spain

535 MT-AM

Effects of affective flanking information on facial expression recognition in schizophrenia

Gebhard Sammer, Silke Leifheit, Ariane Dettbarn, Bernd Gallhofer, Centre for Psychiatry, JLU Giessen, Giessen, Germany

537 MT-AM

Increases in myelination of the arcuate fasciculus in schizophrenia patients suffering from auditory verbal hallucinations

Antoin de Weijer, René Mandl, Sebastiaan Neggers, Rene Kahn, Hilleke Hulshoff Pol, Iris Sommer, Neuroscience Division, University Medical Center Utrecht, Utrecht, Netherlands

539 MT-AM

Frequency effects on the auditory M100 and transient gamma-band responses in schizophrenia

Don Rojas, Peter Teale, Keeran Maharajh, Erin Slason, Katie Youngpeter, Eugene Kronberg, Martin Reite, University of Colorado Denver, Aurora, United States

541 MT-AM

Decreased frontal activation in patients with schizophrenia performing the Tower of London task

Edith Liemburg, Henderikus Knegtering, Remco Renken, Hollander Kelly, Matthias J. P. Van Osch, André Aleman, University Medical Center Groningen, Groningen, Netherlands

543 MT-AM

Withdrawn

545 MT-AM

Decreased fronto-striatal functioning in schizophrenia during working memory

Matthijs Vink, Bram Zandbelt, Christian Widschwendter, Rene Kahn, UMC Utrecht, Utrecht, Netherlands

547 MT-AM

From intuitive to cognitive processing: a strategy for resolution of emotional task in schizophrenia

Eric Fakra, Pilar Salgado-Pineda, Pauline Delaveau, Ahmad Hariri, Olivier Blin, University of Marseille, Marseille, France

549 MT-AM

Model free analysis of fMRI data obtained from verbal auditory hallucinatory activity

Jasper Looijestijn, Rutger Goekoop, Kelly Diederer, Rene Kahn, Hans Wijbrand Hoek, Jan Dirk Blom, Iris Sommer, Parnassia Bavo Group, The Hague, Netherlands

551 MT-AM

Imaging the neurocognitive predictors of community outcome in schizophrenia

Catherine Kaylor-Hughes, Alexandra Hope-Urwin, Sudheer Lankappa, Robert Fung, Woodruff Peter, Iain Wilkinson, Sean Spence, SCANLab, Academic Clinical Psychiatry, University of Sheffield, Sheffield, United Kingdom

553 MT-AM

Functional and Structural Connectivity of Default Mode Network in Patients with Schizophrenia

Su-Chun Huang, Fang-Cheng Yeh, Hai-Go Hwu, Chih-Min Liu, Chen-Chung Liu, Fa-Hsuan Lin, Wen-Yih Isaac Tseng, Institute of Biomedical Engineering, National Taiwan University, Taipei, Taiwan, Taipei, Taiwan, Republic of China

555 MT-AM

Combined 1H-MR Spectroscopy and fMRI Studies of the Substantia Nigra in Schizophrenia

Adrienne Lahti, David White, Meredith Reid, Kathy Avsar, Nina Kraguljac, Nathan Hutcheson, Luke Stoeckel, Jan den Hollander, The University of Alabama at Birmingham, Birmingham, United States

557 MT-AM

Epistasis in brain imaging with AKT1 and pharmacogenetics of cognition in schizophrenia

Hao Yang Tan, Chen Anthony, Browne Lauren, Qiang Chen, Bhaskar Kolachana, Jose Apud, Venkata Mattay, Joseph Callicott, Daniel Weinberger, NIMH, NIH, Bethesda, United States

559 MT-AM

Tract-oriented Parameterization of Left Uncinate Geometry Abnormalities in Schizophrenia

Peter Savadjiev, Carl Fredrik Westin, Andrew Rausch, Mahnaz Maddah, Sylvain Bouix, Martha Shenton, Marek Kubicki, Psychiatry Neuroimaging Laboratory, Brigham and Women's Hospital, Harvard Medical School, Boston, United States

561 MT-AM

Abnormal auditory cortical processing as a function of stimulus density in schizophrenic patients

Jordan Hamm, Casey Gilmore, Scott Sponheim, Natalie Picchetti, Brett Clementz, University of Georgia, Athens, United States

563 MT-AM

COMT genotype and brain morphometry in schizophrenia

Matias Bossa, Pilar López-García, David García-García, Salvador Olmos, University of Zaragoza, Zaragoza, Spain

565 MT-AM

A common genetic variant associates with cortical thinning and cognition in schizophrenia

Trygve Bakken, Cinnamon Bloss, Cooper Roddey, Alexander Joyner, Lars Rimol, Srdjan Djurovic, Ingrid Melle, Kjetil Sundet, Ingrid Agartz, Ole Andreassen, Anders Dale, Nicholas Schork, University of California, San Diego, La Jolla, United States

567 MT-AM

Genetic influences on cross-frequency modulation in schizophrenia patients and healthy controls

Elena Allen, Jingyu Liu, Kent Kiehl, Joel Gelemter, Godfrey Pearlson, Nora Perrone-Bizzozero, Vince Calhoun, Mind Research Network, Albuquerque, United States

569 MT-AM

fMRI endophenotypes of first episode psychosis: working memory and attention

Emmeline Goodby, Belinda Lennox, John Suckling, Anna Wilson, Cinly Ooi, Linda Scoriels, Peter Jones, University of Cambridge, Cambridge, United Kingdom

571 MT-AM

Frontal-striatal-thalamic functional connectivity assessed by FDG-PET during tasks in schizophrenia

Monte Buchsbaum, Ella Teague, Chelain Goodman, M Haznedar, Constance Raio, Javier Bernacer, Erin Hazlett, University of California, San Diego, San Diego, United States

573 MT-AM

Cerebellar grey matter deficits, adolescent cannabis use and first-episode schizophrenia

Ulrich Schall, Paul Rasser, Martin Cohen, Gregory Peck, Vaughan Carr, Philip Ward, Patrick Johnston, Amanda Baker, Paul Thompson, University of Newcastle, Newcastle, Australia

575 MT-AM

Reduced Functional Connectivity in Schizophrenia during Implicit Fear Processing

perona MUKHERJEE, Heather Whalley, Eve Johnstone, Stephen Lawrie, Jeremy Hall, university of edinburgh, edinburgh, United Kingdom

577 MT-AM

Increased Activation of the Auditory Cortex in Schizophrenia in Thought Generation and Perception

Lucile rapin, Paul Metzack, Jennifer Whitman, Marion Dohen, H el ene Loevenbruck, Marc Sato, Todd Woodward, Grenoble Universit es, Grenoble, France

579 MT-AM

Abnormal white matter asymmetry in schizophrenia demonstrated by tract-based spatial statistics

Jun Miyata, Ryosaku Kawada, Shinsuke Fujimoto, Yusuke Tanaka, Hidenao Fukuyama, Nobukatsu Sawamoto, Toshiya Murai, Kyoto University, Department of Neuropsychiatry, Kyoto, Japan

581 MT-AM

Functional connectivity changes in schizophrenia between and within three key brain networks

Grega Repovs, Alan Anticevic, Deanna Barch, University of Ljubljana, Ljubljana, Slovenia

583 MT-AM

Modulation of Neural Bias Signals Preceding Anti-saccades as an Endophenotype for Schizophrenia

Lauren Ethridge, James Reilly, Sarah Keedy, Jennifer McDowell, John Sweeney, Brett Clementz, University of Georgia, Athens, United States

OTHER

587 MT-AM

The role of anticipatory oscillatory activity in auditory short-term memory

Maria Rieder, Benjamin Rahm, Christoph Polkowski, Jochen Kaiser, Institute of Medical Psychology, Frankfurt, Germany

589 MT-AM

Effects of Movement Duration on Hemodynamic Response Amplitude Expected Based on High γ -Band Power

Johanna Wentlandt, Markus Kern, Marc-Patrick Zapf, Isabella Mutschler, Xi Wang, Ad Aertsen, Andreas Schulze-Bonhage, Tonio Ball, University Hospital Freiburg, Freiburg, Germany

DISORDERS OF THE NERVOUS SYSTEM

Stroke and Recovery

591 MT-AM

Neuroimaging correlates of pathological TMS electrophysiology in chronic stroke patients

Svenja Diekhoff, Anna-Sophia Sarfeld, Eva-Maria Hohl, Ricarda Strunk, Roland Sparing, Gereon Fink, Christian Grefkes, Max Planck Institute for Neurological Research, Cologne, Germany

593 MT-AM

Different lesion types dictate different brain reorganization for reading after neurosurgery

Sarah Lippe, Ghislaine Dehaene-Lambertz, Marie Hully, Georg Dorfmueller, Catherine Chiron, Lucie Hertz-Pannier, University of Montreal, Montreal, Canada

595 MT-AM

Task Modulated activation patterns in chronic stroke patients with aphasia

rajani sebastian, Swathi Kiran, University of texas at austin, austin, United States

597 MT-AM

Longitudinal Functional Connectivity Changes with FES training in Sub-acute Stroke patients

Jun Wang, Kaiyu Tong, Wen Jiang, Lin Ai, Yumei Zhang, Delin Xing, Zhaojin Wang, Huicong Shen, Ruiwang Huang, Yuejia Luo, Xiaoxiang Deng, State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, Beijing, China

599 MT-AM*

Structural Plasticity in Stroke inferred by probabilistic fiber tracking and MEG (O-W2)

Monica Bucci, Kelly Westlake, Christopher Nguyen, Bagrat Amirbekian, Eugenio Parati, Srikanth Nagarajan, Roland Henry, UCSF, San Francisco, United States

1094 MT-PM

Neural Correlates of Functional Category Recovery: An fMRI Study of Verb Inflection Production

Aneta Kielar, Stephen Fix, Borna Bonakdarpour, Cynthia Thompson, Northwestern University, Evanston, United States

603 MT-AM

Voxelwise lesion-behavior mapping of repetition and comprehension deficits in acute aphasic patients

Dorothee Kümmerer, Philipp Kellemyer, Volkmar Glauche, Irina Mader, Cornelius Weiller, Dorothee Saur, Department of Neurology, University Medical Center Freiburg, Freiburg, Germany

605 MT-AM

Optical Cerebral Hemodynamics Monitoring in Stroke Patients

Rickson Mesquita, Turgut Durduran, Christopher Favilla, Meeri Kim, Erin Buckley, Joel Greenberg, John Detre, Scott Kasner, Arjun Yodh, University of Pennsylvania, Philadelphia, United States

607 MT-AM

Grey and white matter reductions related to vascular risk factors in late mid-adulthood: a VBM study

Júlia Miralbell, Juan José Soriano, Elena López-Cancio, Juan Francisco Arenillas, Stella Alvarado, Maite Barrios, Cynthia Cáceres, Maite Alzamora, Guillem Pera, Rosa Forés, Antoni Dávalos, Maria Mataró, Dept. Psychiatry and Clinical Psychobiology, University of Barcelona, Barcelona, Spain

609 MT-AM

Reactivity of the cortical mu rhythm is correlated with recovery of hand function in stroke patients

Kristina Roiha, Jyrki Mäkelä, Erika Kirveskari, Satu Mustanoja, Markku Kaste, Turgut Tatlisumak, Nina Fors, Brain Research Unit, Low Temperature Laboratory, Aalto University School of science and Technology, Espoo, Finland

611 MT-AM

Post-stroke aphasia recovery and excitatory rTMS intervention

Jennifer Vannest, Christi Banks, Steve Wu, Donald Gilbert, Mark DiFrancesco, Jerzy Szaflarski, Cincinnati Children's Hospital Medical Center, Cincinnati, United States

613 MT-AM

Blood flow dynamics in sensorimotor cortex correlate with motor recovery after ischemic stroke

Eugenio Abela, Andrea Federspiel, Roland Wiest, Tobias Kress, Matthias Sturzenegger, Christian Hess, Bruno Weder, Department of Neurology, Kantonsspital St. Gallen, St. Gallen, Switzerland

615 MT-AM

Four neural systems that preserve semantic function after brain damage

ferath kherif, Mohamed Seghier, Alexander Leff, Cathy Price, Wellcome Trust Centre for Neuroimaging, London, United Kingdom

617 MT-AM

Reorganization of Oscillatory Frequencies of the Corticospinal System Chronically after Stroke

Sara Graziadio, Giovanni Assenza, Franca Tecchio, Janet Eyre, Newcastle University, Newcastle upon Tyne, United Kingdom

619 MT-AM

Structural and Functional Association of Hand Recovery in Pediatric Patients Following Stroke

Trish Domi, Gabrielle deVeber, David Mikulis, Mary Pat McAndrews, Hospital for Sick Children, Toronto, Canada

621 MT-AM

A novel method for detecting post-stroke functional tissue damage using resting-state fMRI

Daniel Margulies, Benjamin Winter, Christiane Rohr, Ulrike Lachmann, Gabriele Lohmann, Claudia Kunze, Peter Brunecker, Kersten Villringer, Matthias Endres, Jochen Fiebach, Arno Villringer, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

EMOTION AND MOTIVATION

Reward

623 MT-AM

Dissociable responses to punishment in distinct striatal regions during reversal learning

Oliver Robinson, Wayne Drevets, Roshan Cools, Barbara Sahakian, NIMH, Washington, United States

625 MT-AM

Performance-contingent monetary reward decreases motivation: Neural correlates of undermining effect

Kou Murayama, Madoka Matsumoto, Keise Izuma, Yuka Ohtake, Kenji Matsumoto, University of Munich, Muenchen, Germany

627 MT-AM

Stress related sub-cortical plasticity with regard to changes in sensitivity to reward

Roe Admon, Gad Lubin, Talma Hendler, Tel Aviv Uni, Tel Aviv, Israel

629 MT-AM

An fMRI study of human hedonic valuation during thermal alliesthesia

Brian Dunn, Kent Conover, Gilles Plourde, David Munro, Robert Kilgour, Peter Shizgal, Concordia University, CSBN, Montreal, Canada

631 MT-AM

State-dependent learned valuation determines the reward value of novel drinks: An fMRI study

Katja Könnecke, Bernfried Sojka, Stephan Wolff, Roman Ferstl, Christian Wiesner, Christian-Albrechts-University of Kiel, Kiel, Germany

633 MT-AM*

Dopamine D3 receptor availability explains orbitofrontal connectivity with cognitive networks (O-W5)

David Cole, Christian Beckmann, Thomas Nichols, Graham Searle, Andri Tziortzi, Roger Gunn, Paul Matthews, Eugenii Rabiner, John Beaver, Imperial College, London, United Kingdom

635 MT-AM

Ventral and dorsal striatum related to processing of intrinsic and extrinsic reward

Karin Nadig, Andreas Pedroni, Roger Luechinger, Lutz Jancke, Kai Lutz, Institute of Psychology, Department of Neuropsychology, University of Zurich, Zurich, Switzerland

637 MT-AM

Reward enhances the effect of memory-guided orienting on perception

Sonia Doallo, Eva Zita Patai, Anna Christina Nobre, University of Santiago de Compostela, Santiago de Compostela, Spain

639 MT-AM

Effects of methylphenidate on the reward circuit in children with ADHD – an fMRI study

Viola Jucksch, Anne Beck, Andreas Ströhle, Ulrike Lehmkuhl, Harriet Salbach-Andrae, Charité - Universitätsmedizin Berlin, Berlin, Germany

641 MT-AM

DRD4 and temperament moderate reward processing in adolescence: An imaging genetics study

Koraly Perez-Edgar, Amanda Guyer, George Mason University, Fairfax, United States

643 MT-AM

Effects of monetary reward and punishment on neural activations during encoding of source memories

Yayoi Shigemune, Takashi Tsukiura, Toshimune Kambara, Ryuta Kawashima, IDAC, Tohoku University, Sendai, Japan

645 MT-AM

The temporal dynamics of mutual situation impacts on reward processing

xueying chen, yu wang, yiwen wang, yuan bo, yuejia luo, Academy of psychology and behavior, Tianjin Normal University, Tianjin, China

647 MT-AM

Neural representations of expected value and reward prediction error for strategy selection learning

Sebastian Gluth, Jörg Rieskamp, Christian Büchel, NeuroimageNord, Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf, Hamburg, Germany

649 MT-AM

Altered resting-state brain activity in the “default mode network” in obese adults

Stephanie Kullmann, Ralf Veit, Martin Heni, Caroline Ketterer, Andreas Fritsche, Hubert Preissl, Medical Psychology, MEG center, Tübingen, Germany, Tübingen, Germany

651 MT-AM

Reward and the Serotonergic System

Georg Kranz, Siegfried Kasper, Rupert Lanzenberger, Department of Psychiatry and Psychotherapy, Medical University of Vienna, Vienna, Austria

653 MT-AM

Microstructural brain differences predict functional hemodynamic responses in a reward-related task

Estela Camara, Antoni Rodriguez-Fornells, Thomas Münte, Institute of Cognitive Neuroscience, and Institute of Neurology-University College London, London, United Kingdom

655 MT-AM

Disambiguating action and valence representation in human striatum and dopaminergic midbrain

Marc Guitart-Masip, Lluís Fuentemilla, Dominik Bach, Quentin Huys, Peter Dayan, Raymond Dolan, Emrah Duzel, ICN-UCL, London, United Kingdom

657 MT-AM

PET Evidence for Decreased Dopaminergic Receptor Availability Associated with Internet Addiction

Sang Hee Kim, Chang Soo Park, Su Jin Kim, Sung Won Choi, Sang-hyun Baik, Sang Eun Kim, Korea University, Seoul, Korea, Republic of

659 MT-AM

Disturbed Reward Processing in Obsessive-Compulsive Disorder

Martijn Figeer, Matthijs Vink, Femke de Geus, Dick Veltman, Damiaan Denys, Academic Medical Center, Amsterdam, Netherlands

661 MT-AM

Dopaminergic mechanisms of age-related changes in affective decision making

Florian Schlagenhauf, Michael Rapp, Quentin Huys, Anne Beck, Jan Kalbitzer, Yoshitaka Kumakura, Hans-Georg Buchholz, Michail Plotkin, Andreas Heinz, Charité - Universitätsmedizin Berlin, Berlin, Germany

663 MT-AM

Effects of image motivation and social norms on the neural correlates of prosocial behavior

Elise Méteureau, Luigi Butera, Marie-Claire VILLEVAL, Jean-Claude Dreher, 'Reward and decision making' group, Cognitive Neuroscience Centre, CNRS, Lyon, France

665 MT-AM

Disconfirmed expectations lead to prediction error for pleasant drinks

Johanna Kuenzel, Donna Lloyd, Andy Woods, Elizabeth Zandstra, Isabelle Blanchette, Anna Thomas, Wael El-Deredy, Unilever R&D Vlaardingen and University of Manchester, Vlaardingen, Netherlands

667 MT-AM

Monetary and social reward processing in smokers and non-smokers

Lena Rademacher, Katja Spreckelmeyer, Soeren Krach, Gregor Kohls, Tilo Kircher, Gerhard Gründer, RWTH Aachen University, Aachen, Germany

669 MT-AM

Mimetic Desires in the Human Brain

Mael Lebreton, Pessiglione Mathias, Shadia Kawa, CR-ICM, INSERM UMRS 975, Université Pierre et Marie Curie (Paris 6), PARIS, France

671 MT-AM

Brain Activations during Judgments of Competence and Likability on Self-presentation: A fMRI Study

Eun Joo Kim, Wooyeol Shin, Mina Park, Jung In Choi, Jisun Yeo, Joohan Kim, Hae-Jeong Park, Yonsei University, Seoul, Korea, Republic of

673 MT-AM

Effects of Different Types of Reward Contingency on Brain Activation During Feedback Processing

Yi Jiang, Soo Mee Lim, Keun Taik Ryu, Sung-il Kim, Department of Education and bMRI (Brain and Motivation Research Institute), Korea University, Seoul, Korea, Republic of

675 MT-AM

Influence of Gender, Hormones, and Individual Preference on Social Reward Processing

Katja Spreckelmeyer, Lena Rademacher, Soeren Krach, Gregor Kohls, Gerhard Gründer, RWTH Aachen University, Aachen, Germany

677 MT-AM

The Habenula and Motivational Control of Behavior in Challenging Perceptual Learning

Jacqueline Griego, Laura Rowland, Henry Holcomb, Institute for Cognitive Science University of Osnabrueck, Osnabrueck, Germany

679 MT-AM

Loss aversion in smokers is indexed by inverse responses to monetary gains and losses

Courtney Gallen, Matthew Schroeder, Thomas Ross, Pradeep Kurup, Elliot Stein, Mary Lee, National Institute on Drug Abuse-Intramural Research Program, Baltimore, United States

681 MT-AM

Reward Processing in Hypomania: An Electrophysiological Investigation

Liam Mason, Wael El-Deredy, University of Manchester, Manchester, United Kingdom

683 MT-AM

Brain activation during the pleasantness evaluation of taste stimuli in males and females

Lori Haase, Erin Green, Delaney Downer, Claire Murphy, SDSU/UCSD Joint Doctoral Program in Clinical Psychology, San Diego, United States

685 MT-AM

Dopamine depletion affects binding potential, risk taking & gambling strategies: A PET study

Crystal Erickson, Kevin Larcher, Lauren Templeton, Marco Leyton, Alain Dagher, Montreal Neurological Institute, McGill University, Montreal, Canada

687 MT-AM

Emotion regulation effects on smoking and erotic cue reactivity encoding in chronic smokers

Markus Staudinger, René Hurlmann, Oezguer A. Onur, Anne K. Rehme, Boris J. Buecher, Susanne Erk, Henrik Walter, University Clinic Bonn, Bonn, Germany

689 MT-AM

Human Ventral Striatal Responses to Anticipation of Reward: Separation of Value and Motivation

Joseph Barter, M Ryan Haynes, Martina Ly, Daniel Weinberger, Caroline Zink, National Institute of Mental Health, NIH, Bethesda, United States

691 MT-AM

fMRI Response to Sweet in The Hungry Brain

Claire Murphy, Lori Haase, Barbara Cerf-Ducastel, Erin Green, Nobuko Kemmotsu, SDSU/UCSD Joint Doctoral Program, San Diego, United States

EMOTION AND MOTIVATION

Sexual Behavior

693 MT-AM

k-means clustering, ASL time series, and cingulo-hypothalamic connectivity related to male sexuality

Janniko Georgiadis, Remco Renken, Michael Farrell, Derek Denton, Maria Gavrilescu, Gary Egan, Luca Nanetti, University Medical Center Groningen, Groningen, Netherlands

695 MT-AM

Functional Differences in Mental Rotation between Men and Transsexual Patients before and during Hormone Therapy

Carsten Konrad, Almut Engelen, Bauer Christine, Harald Kugel, Udo Dannowski, Martin Pyka, Anette Kersting, Pienie Zwitserlood, Volker Arolt, Sonja Schöning, Department of Psychiatry, Philipps-University Marburg, Marburg, Germany

697 MT-AM

Brain response to erotic clips in patients with Psychogenic Erectile Dysfunction: an fMRI study

Nicoletta Cera, Ezio Di Pierro, Gianna Sepede, Francesco Gambi, Mauro Gianni Perrucci, Giuseppe Paradiso, Carlo Vicentini, Arcangelo Merla, Armando Tartaro, Cosimo Del Gratta, GianLuca Romani, Antonio Ferretti, G. D'Annunzio University of Chieti, Chieti, Italy

EMOTION AND MOTIVATION

Social Behavior

699 MT-AM

Brain activity associated with appropriate action selection from an allocentric visual perspective

Hiroshi Shibata, Toshio Inui, Kyoto university, Kyoto, Japan

701 MT-AM

Neural Correlates of Moral Judgments of Lying and Truth-Telling in Different Social Contexts

Dingcheng Wu, Ivy Loke, Fen Xu, Kang Lee, State Key Laboratory of Cognitive Neuroscience and Learning, Beijing, China

703 MT-AM

Neural circuits involved in the direct experience of pain and empathy for pain: a meta-analysis

Claus Lamm, Tania Singer, Jean Decety, University of Zurich, Zurich, Switzerland

705 MT-AM

Striatum Processes Experience-dependent Interaction between Language and Emotion in "Motherese"

Yoshi-Taka Matsuda, Ken'ichi Ueno, Kang Cheng, Reiko Mazuka, Kazuo Okanoya, Japan Science and Technology Agency, ERATO, Wako, Japan

707 MT-AM

Right TPJ plays a causal role in distinguishing between the emotions of self and others

Giorgia Silani, Claus Lamm, Romana Snozzi, Christian Ruff, Tania Singer, University of Zurich, Zurich, Switzerland

709 MT-AM

Distinct cortical correlates of autistic and antisocial traits in typically developing children

Philip Shaw, Greg Wallace, Nancy Lee, Rhoshel Lenroot, Jay Giedd, National Institute of Mental Health, Bethesda, United States

711 MT-AM

Familiarity increases theory of mind and autobiographical memory overlap: A network approach

Jennifer Rabin, Shayna Rosenbaum, York University, Toronto, Canada

713 MT-AM

Hearing one's own name activates the medial frontal area?

Toshiki Nakane, Makoto Miyakoshi, Toshiharu Nakai, Shinji Naganawa, Nagoya University Graduate School of Medicine, Nagoya, Japan

715 MT-AM

Neural Correlates for Strategic Adjustment during Interpersonal Competitive Game

Hideyuki Takahashi, Keise Izuma, Madoka Matumoto, Kenji Matumoto, Omori Takashi, Tamagawa University, Machida, Tokyo, Japan, Japan

717 MT-AM

Could the 'self' be both special and shared? An fMRI study of self-name recognition

Pawel Tacikowski, André Brechmann, Artur Marchewka, Katarzyna Jednoróg, Anna Nowicka, Nencki Institute of Experimental Biology, Warsaw, Poland

719 MT-AM

Cognitive Regulation of Negative Emotion: Evidence from Physiology

Lin Yuan, Peng Ming, Renlai Zhou, State Key Laboratory of Cognitive Neurosciences and Learning, Beijing, China

721 MT-AM

HUMAN AND ANIMAL SUFFERANCE PROCESSING DIFFERS AMONG OMNIVORES, VEGETARIANS AND VEGANS

Massimo Filippi, Riccitelli Gianna, Falini Andrea, Di Salle Francesco, Patrik Vuilleumier, Giancarlo Comi, Rocca Maria A., Scientific Institute and University Hospital San Raffaele, Milan, Italy

723 MT-AM

Investigation of the neural correlates of communicative intentionality in subjects with autism

Angela Ciaramidaro, Daniela Hainz, Sven Boelte, Sabine Schlitt, Bruno Bara, Fritz Poustka, Henrik Walter, Center for Cognitive Science, Department of Psychology, University of Turin, Italy, Turin, Italy

725 MT-AM

fMRI Item Analysis in a Theory of Mind Task

David Dodell-Feder, Marina Bedny, Rebecca Saxe, MIT, Cambridge, United States

727 MT-AM

Neuroanatomical differences between chimpanzees and bonobos: a VBM and TBSS analysis

James Rilling, Jan Scholz, Todd Preuss, Matthew Glasser, Timothy Behrens, Emory University, Atlanta, United States

729 MT-AM

Culture and the Self-Reference Effect in the Brain: Personality Traits versus Social Identities

Sun Hae Sul, Incheol Choi, Pyeongwon Kang, Seoul National University, Seoul, Korea, Republic of

731 MT-AM

Response inhibition results in the emotional devaluation of faces: Evidence from event-related fMRI

Sonia Doallo, Jane Raymond, Kimron Shapiro, Monika Kiss, Martin Eimer, Anna Christina Nobre, University of Santiago de Compostela, Santiago de Compostela, Spain

733 MT-AM

Brain activity specific to the self-referential encoding: an fMRI study

Nicolas Villain, Béatrice Desgranges, Pascale Piolino, Marine Fouquet, Katell Mevel, Florence Mezenge, Jacques Dayan, Francis Eustache, Gaël Chételat, Inserm-EPHE-Université de Caen, U923, CAEN, France

735 MT-AM

Behavioural and neuronal correlates of aggression and their relation to testosterone levels

Christina Pawliczek, Eva-Maria Seidel, Thilo Kellermann, Birgit Derntl, Ute Habel, RWTH Aachen University, Aachen, Germany

737 MT-AM

The neural correlates of self-evaluation in men and women

Katharina Pauly, Frank Schneider, Ute Habel, RWTH Aachen University, Aachen, Germany

739 MT-AM

Striatal function in observational reward conditioning

Jeffrey Cooper, John O'Doherty, Trinity College Dublin, Dublin 2, Ireland

741 MT-AM

An fMRI study of Real Moral Decision-Making

Oriel FeldmanHall, Tim Dalgleish, Susanne Schweizer, Davy Evans, Russell Thompson, Dean Mobbs, MRC Cognition and Brain Sciences Unit, Cambridge, United Kingdom

743 MT-AM

Implication of the Basal Ganglia in Theory of Mind Processes

Maren Bodden, Dorothee Kübler, Johannes Heverhagen, Susanne Knake, Menzler Katja, Sören Krach, Richard Dodel, Elke Kalbe, Philipps-University Marburg, Marburg, Germany

745 MT-AM

Shared neural representations for observation and execution of facial expressions

Anna Pohl, Soeren Krach, Silke Anders, Markus Thimm, Martin Schulte-Rüther, Klaus Mathiak, Tilo Kircher, RWTH Aachen University Hospital, Aachen, Germany

747 MT-AM

Wishful Thinking and Group Identification

Tatjana Aue, University of Geneva, Geneva, Switzerland

749 MT-AM

Gender Effects in Social Perception: Combining Psychophysics with MEG

Marina Pavlova, Michele Guerreschi, Samuel Krüger, Gunnar Erz, Arseny Sokolov, Werner Lutzenberger, Ingeborg Krägeloh-Mann, University of Tübingen, Tübingen, Germany

751 MT-AM

Neural correlates of compassion experiences and judgments in a police sample

Roberto Mercadillo, José Díaz, Sarael Alcauter, Fernando Barrios, Universidad Nacional Autonoma de Mexico, QUERETARO, Mexico

753 MT-AM

A Neuroimaging study of Mentalizing Processes When Helping the Family among Latino and White Youth

Eva Telzer, Carrie Masten, Elliot Berkman, Matthew Lieberman, Andrew Fuligni, UCLA, Los Angeles, United States

755 MT-AM

Neural correlates of deceptive responses on affective pictures: An fMRI study

Tatia M. C. Lee, Tiffany M. Y. Lee, Adrian Raine, Chetwyn C.H. Chan, Laboratory of Neuropsychology, The University of Hong Kong, Hong Kong, China

757 MT-AM

**Theory of Mind in patients with schizophrenia:
Time is on their side**

Patricia Ohrmann, Anya Pedersen, Matthias Brandt, Jochen Bauer, Harald Kugel, Kerstin Kueppers, Katja Koelkebeck, university of Muenster, Muenster, Germany

759 MT-AM

Flow of affective information between communicating brains

Silke Anders, Jakob Heinzle, Nikolaus Weiskopf, Thomas Ethofer, John-Dylan Haynes, University of Luebeck, Department of Neurology, Luebeck, Germany

761 MT-AM

Functional and Dysfunctional Impulsivity modulate cerebral activations during reward processing

Juan Carlos Bustamante, Alfonso Barrós-Loscertales, Victor Costumero, Noelia Ventura-Campos, M^a Antònia Parcet-Ibars, César Avila, Universitat Jaume I, Castellón, Spain

763 MT-AM

Prediction errors during social resource allocation learning depend on social value orientation

GEORGE CHRISTOPOULOS, BROOKS KING-CASAS, BAYLOR COLLEGE OF MEDICINE, HOUSTON, United States

765 MT-AM

Altered connections on the road to psychopathy

Michael Craig, Marco Catani, Quinton Deeley, Latham Richard, Daly Eileen, richard kanaan, Marco Picchioni, Philip McGuire, Tom Fahy, Declan Murphy, Institute of Psychiatry, London, United Kingdom

767 MT-AM

An fMRI investigation of theory of mind across distinct moral domains

Aleksandr Chakroff, Liane Young, James Dungan, Rebecca Saxe, Massachusetts Institute of Technology, Boston, United States

769 MT-AM

Orbito-Frontal Thickness and Striatum Volumes Positively Correlate with Aggression in Children

Simon Ducharme, James Hudziak, Kelly Botteron, Alan Evans, Hooman Ganjavi, Claude Lepage, Sherif Karama, McGill University, Montreal, Canada

771 MT-AM

Neural Correlates of Top-down Modulation of Higher-order Processing of Self-related Stimuli

Ji-young Janet Lee, Wi Hoon Jung, Joon Hwan Jang, Jun Soo Kwon, College of Natural Sciences, Seoul National University, Seoul, Korea, Republic of

773 MT-AM

I feel your pain and I understand your sorrow. The neuronal basis of empathy for physical and emotional pain

Agnieszka Pluta, Emile Bruneau, Rebecca Saxe, Warsaw University, Warsaw, Poland

775 MT-AM

fMRI analysis of psychopathy and drug craving in substance dependent female inmates

Lora Cope, Justin Jobelius, Prashanth Nyalakanti, Kent Kiehl, University of New Mexico, Albuquerque, United States

IMAGING TECHNIQUES AND CONTRAST MECHANISM

Multi-Modal Integration

777 MT-AM*

Concurrent tDCS and fMRI reveals modulatory effects on brain activation during a simple motor task (0-W4)

Peter Dechent, Rafael Polania, Carsten Schmidt-Samoa, Walter Paulus, Andrea Antal, MR-Research in Neurology and Psychiatry, University Medical Center Göttingen, Göttingen, Germany

779 MT-AM

FA and MTR in human cortices: statistical properties, lobar effects, hemispheric asymmetry

Xiaojian Kang, Timothy Herron, David Woods, Ben Edwards, University Of California Davis Research Service (151), Martinez, United States

781 MT-AM

The origin of scalp EEG during a motor execution task: A new method for simultaneous fMRI and EEG

Hiroaki Mizuhara, Toshio Inui, Kyoto University, Kyoto, Japan

783 MT-AM

Processing of words and environmental sounds in noise: A novel approach for combining MEG and fMRI

Hanna Renvall, Elia Formisano, Tiina Parviainen, Milene Bonte, Minna Vihla, Riitta Salmelin, Brain Research Unit, Low Temperature Laboratory, Aalto University, School of Science and Technology, Espoo, Finland

785 MT-AM

Physiological noise reduction in BOLD data using simultaneously acquired NIRS data

Blaise Frederick, Yunjie Tong, McLean Hospital, Belmont, United States

787 MT-AM

Improved Java Internet Viewer: A Web-based tool for 3D medical image visualization and comparison

Lara Bailey, Stephen Frey, M. Mallar Chakravarty, Chris Cocosco, D. Louis Collins, MNI, Montreal, Canada

789 MT-AM

Multiparametric MRI in neurological patients: detecting subclinical changes in the sensory system

Dorotheé Lulé, Volker Diekmann, Hans-Peter Müller, Jan Kassubek, Niels Birbaumer, Albert Ludolph, University of Ulm, Ulm, Germany

791 MT-AM

Multi-structure registration allows group interpretation of midbrain iron content in Parkinson's

Jingyun Chen, Ali R. Khan, Christian Denk, Shawna Galley, Alexander Rauscher, Martin McKeown, Mirza Faisal Beg, Simon Fraser University, Burnaby, Canada

793 MT-AM

Co-registration of high resolution pre-operative brain images and intra-operative MR image

Seong-yong Park, Maeng-Keun Oh, Jong Hee Chang, Hae-Jeong Park, BK21 Project for Medical Science, Yonsei University College of Medicine, seoul, Korea, Republic of

795 MT-AM

Voxel-wise information theoretic EEG-fMRI feature integration

Dirk Ostwald, Camillo Porcaro, Andrew Bagshaw, University of Birmingham, Birmingham, United Kingdom

797 MT-AM

Prolonged P3 latency and reaction time in different experimental conditions in simultaneous EEG/fMRI

Scott Peltier, Jinsoo Chun, Benjamin Johnides, Daehyun Yoon, Patricia Deldin, University of Michigan, Ann Arbor, United States

799 MT-AM

Integrating EEG and fMRI in Epilepsy

Emanuela Formaggio, Silvia Storti, Alessandra Bertoldo, Paolo Manganotti, Gianna Toffolo, University of Verona, Verona, Italy

801 MT-AM

Dealing with non-stationary gradient artifacts in simultaneous EEG-fMRI recordings

Matthias Moosmann, Emanuel Neto, Lars Erslund, Kenneth Hugdahl, University of Bergen and Haukeland University Hospital, Bergen, Norway

803 MT-AM

A Multimodal Approach to Representational Similarity Analysis

Li Su, Cai Wingfield, Mirjana Bozic, Elisabeth Fonteneau, William Marslen-Wilson, Nikolaus Kriegeskorte, MRC's Cognition and Brain Science Unit, Cambridge, United Kingdom

805 MT-AM*

Feasibility of Simultaneous Intracranial EEG-fMRI in Humans: First Results (O-W4)

David Carmichael, Serge Vulliemoz, Serge Vulliemoz, Karin Rosenkranz, Roman Rodionov, Andrew McEvoy, Louis Lemieux, UCL Institute of Neurology, London, United Kingdom

807 MT-AM

Multi-Channel Enhancement of the Adaptive Bases Algorithm

Min Chen, Aaron Carass, Bryan Wheeler, Xiaofeng Liu, Jerry Prince, Johns Hopkins University, Baltimore, United States

809 MT-AM

Are neuronal assembly dynamics reflected in the BOLD signal?

Sergey Borisov, Astrid Morzelewski, Frederic von Wegner, Kolja Jahnke, Marcella Maischein, Helmut Laufs, Goethe University, Dept. of Neurology and Brain Imaging Center, Frankfurt, Germany

811 MT-AM

Models of Disease Spectra

Iead Rezek, Novraj Dhanjal, Richard Wise, Imperial College, London, United Kingdom

813 MT-AM

The phase of alpha EEG activity at stimulus onset modulates the visual evoked BOLD response

René Scheeringa, Ali Mazaheri, Ingo Bojak, Rolf Kötter, David Norris, Andreas Kleinschmidt, INSERM/CEA Cognitive Neuroscience Unit at Neurospin, Gif sur Yvette, France, Gif sur Yvette, France

815 MT-AM

Multimodal MR Imaging Protocol for Presurgical Mapping in Brain Tumor Patients

Einat Liebenenthal, Jordan Hovdebo, Uta Sbotto-Frankenstein, Patricia Dressen-Gervai, Lawrence Ryner, Jerry Krcek, Owen Williams, Michael West, National Research Council Institute for Biodiagnostics, Winnipeg, Canada

817 MT-AM

Linking even-related cortical oscillations with BOLD signal: a fMRI/MEG study

Yingying Wang, Jennifer Vannest, Scott Holland, Ton DeGrauw, Douglas Rose, Jing Xiang, University of Cincinnati, Cincinnati, United States

819 MT-AM

Nipype: Opensource platform for unified and replicable interaction with existing neuroimaging tools

Satrajit Ghosh, Christopher Burns, Dav Clark, Krzysztof Gorgolewski, Yaroslav Halchenko, Cindee Madison, Rosalia Tungaraza, K. Jarrod Millman, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, United States

IMAGING TECHNIQUES AND CONTRAST MECHANISM

Optical Imaging/NIRS/MRS

821 MT-AM

Development of a neonatal full coverage fNIRS headgear

Satoru Kohno, Kazushige Tachibana, Masako Myowa-Yamakoshi, Masahiko Kawai, Yoshihiro Inoue, Shimadzu Corporation, Kyoto, Japan

823 MT-AM

Cerebral Metabolism Changes During Hypercapnia in Neonates with Congenital Heart Defects

Erin Buckley, Donna Goff, Turgut Durduran, Grady Hedstrom, Meeri Kim, Rickson Mesquita, Mary Putt, Daniel Licht, Arjun Yodh, University of Pennsylvania, Philadelphia, United States

825 MT-AM

An Integrated Bandpass-Wavelet Tool to Support Filtering of fMRI, MRS and NIRS Signals

Francisco Marcano, Manuel Rodríguez Díaz, Cristián Modroño, Roberto García-Álvarez, Antonio Rodríguez-Hernández, Enrique Burunat, José González-Mora, Jose Landeira, University of La Laguna, Tenerife, Spain

827 MT-AM

Human Optical Phase Imaging and Theory between COE and CBV: A simultaneous muscle and brain study

Toshinori Kato, KATOBRAIN Co., Ltd., Tokyo, Japan

829 MT-AM

Polarized light imaging (PLI) of the human amygdala

Eugenia Solano-Castiella, Hubertus Axer, Robert Turner, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

831 MT-AM

Reducing classification latency in NIRS-based real time applications

Xu Cui, Signe Bray, Allan Reiss, Stanford University, Stanford, United States

833 MT-AM

Near-Infrared imaging of Glucose Effects on Prefrontal Activation during Dual-Task in Older Adults

Christine Gagnon, Isabelle Tournier, Laurence Desjardins-Crépeau, Michèle Desjardins, Frédéric Lesage, Carol Greenwood, Louis Bherer, UQAM - Institut de geriatric de Montreal, Montreal, Canada

835 MT-AM

Spectral Analysis of Hemoglobin Data in the Brain by NIRS

Naoko Okamoto, Hideo Eda, Takanori Maesako, Yasufumi Kuroda, Osaka University, Suita, Japan

837 MT-AM

CMRO2 Response to Hypercapnia and Hyperoxia measured with MRI and Diffuse Optics

Turgut Durduran, David Minkoff, Meeri Kim, Erin Buckley, Dalton Hance, Mari Tobita, Jiongjiong Wang, Joel Greenberg, John Detre, Arjun Yodh, The Institute of Photonic Sciences - ICFO, Barcelona, Spain

839 MT-AM

Influence of temporal window selection on activation detection variation for fNIRS

Felipe Orihuela-Espina, Daniel Leff, Giulia Paggetti, David James, Ara Darzi, Guang-Zhong Yang, Imperial College London, London, United Kingdom

841 MT-AM

Development of Whole Brain Holder for fNIRS to Improve Temporal and Spatial Resolution

Akihiro Ishikawa, Shinichi Shiomi, Satoru Kohno, Takashi Amita, Yoshihiro Inoue, SHIMADZU Corporation, Kyoto, Japan

843 MT-AM

RELAXOMETRY-BASED ANALYSIS OF NEURODEVELOPMENT IN BROCA'S AREA

Jack Knight-Scott, Susan Palasis, Shannon Hamrick, Children's Healthcare of Atlanta, Atlanta, United States

845 MT-AM

Non-invasive Measurement of Variation in the Human Cerebral GABA Level and Female Menstrual Cycle

MASAFUMI HARADA, Hitoshi Kubo, Tsuyoshi Matsuda, University of Tokushima Graduate School, Institute of Health Biosciences, Tokushima city, Japan

847 MT-AM

Metabolic alterations after detoxification in alcoholics: a ¹H magnetic resonance spectroscopy study

Jochen Bauer, Norbert Scherbaum, Anya Pedersen, Johanna Patschke, Johanna Bening, Harald Kugel, Volker Arolt, Walter Heindel, Patricia Ohrmann, Department of Psychiatry, University of Muenster, Muenster, Germany

849 MT-AM

Using phase analyses of the regulation between COE and CBV during single word learning

Kayoko YOSHINO, Toshinori Kato, Graduate school of Media and Governance, Keio University, Tokyo, Japan

851 MT-AM

Investigation of source localization techniques in Near infrared tomography using head geometries

Julie Tremblay, Eduardo Martinez Montes, Danielle Bastien, Phetsamone Vannasing, Frédéric Lesage, Franco Lepore, Maryse Lassonde, Université de Montréal, Montréal, Canada

853 MT-AM

GABA and cerebral perfusion changes during rest and working memory

Lars Michels, Peter Klaver, Richard Edden, Fernando Zelaya, Rafael Luchinger, Daniel Brandeis, Ernst Martin, Ruth O'Gorman, MR-Center University Children's Hospital, Zürich, Switzerland

855 MT-AM

Correlation of Optical Density and Myelin Concentration in the Human Gray and White Matter

Carsten Stueber, Katja Reimann, Stefan Geyer, Robert Turner, Max Planck Institute for Human Cognitive and Brain Science, Leipzig, Germany

857 MT-AM

Combined analysis of fMRI/NIRS data suggests a likely source of the NIRS signal

Yunjie Tong, Blaise Frederick, Mclean Hospital, Belmont, United States

859 MT-AM

Waveform mapping of cerebral oxygen extraction fraction using diffuse optical tomography

Silvina Ferradal, Brian White, Ronny Dosenbach, Joseph Culver, Washington University in St Louis, Saint Louis, United States

861 MT-AM

Cerebral Oximetry Neglects Variability of Cerebral Perfusion During Cardiac Surgery

Sergio Ramirez, LeRone Simpson, Harry Graber, Yong Xu, Yaling Pei, Douglas Pfeil, Vinay Tak, Joshua Burack, Wilson Ko, Randall Barbour, Daniel Lee, State University of New York, Downstate Medical Center, Brooklyn, United States

863 MT-AM

Numerical analysis of cerebral oxygen transport by bolus flow in capillary

Syunsuke Ito, Kazunori Oyama, Masanobu Otori, Kei Terada, Toshihiko Sugiura, Keio University, Mechanical Engineering, Yokohama, Japan

865 MT-AM

Cerebral Monitoring in Cardiac Surgery: Sensitivity of Hb Co-variations and Individual Components

Sergio Ramirez, Harry Graber, LeRone Simpson, Yong Xu, Yaling Pei, Douglas Pfeil, Vinay Tak, Joshua Burack, Wilson Ko, Randall Barbour, Daniel Lee, State University of New York, Downstate Medical Center, Brooklyn, United States

IMAGING TECHNIQUES AND CONTRAST MECHANISM

Perfusion MRI

867 MT-AM

Fetal Brain during a Binge Drinking Episode. A perfusion study in baboon

Peter Kochunov, Carlos Castro, Duff Davis, David Purdy, Gerald Schatten, UTHSCSA, San Antonio, United States

869 MT-AM

Automated macro-vessel artifact correction in DSC-MRI using independent component analysis

Gernot Reishofer, Karl Koschutnig, Christian Enzinger, Anja Ischebeck, Stephen Keeling, Rudolf Stollberger, Franz Ebner, Medical University of Graz, Graz, Austria

871 MT-AM

Differences in brain rCBF maps obtained with pulsed-shot and continuous multi-shot ASL

Juan A. Hernández-Tamames, Pablo García-Polo, Eva Alfayate Sáez, Fernando Zelaya, David Lythgoe, Juan Álvarez-Linera, Universidad Rey Juan Carlos, Móstoles (Madrid), Spain

873 MT-AM

Comparison of cortical volume and perfusion MRI data in Alzheimer's patients and controls

María LaCalle, Santiago Reig, Juan Guzmán de Villoria, Javier Olazarán, Isabel Cruz, Elena Martino, José María Mateos-Pérez, Javier Navas, Manuel Desco, Unidad de Medicina y Cirugía Experimental. Hospital General Universitario Gregorio Marañón, Madrid, Spain

875 MT-AM

Opioids induce regionally specific increases and decreases in cerebral blood flow

Richard Wise, Anna Jolly, John Evans, Kevin Murphy, Fernando Zelaya, David Lythgoe, Kyle Pattinson, Judith Hall, CUBRIC, School of Psychology, Cardiff University, Cardiff, United Kingdom

877 MT-AM

PCASL Measures Functional Changes in Cerebral Blood Flow in Patients with Vascular Disease

Amy Scouten, Simone Chaudhary, Rafal Janik, Graeme Schwindt, Wayne Lee, John Sled, Sandra Black, Bojana Stefanovic, Sunnybrook Health Sciences Centre & Medical Biophysics, University of Toronto, Toronto, Canada

879 MT-AM

Retinotopy of the human visual cortex with perfusion contrast using arterial spin labeling

Mustafa Cavusoglu, Baris Yesilyurt, Andreas Bartels, Kamil Uludag, Max Planck Institute for Biological Cybernetics, Tübingen, Germany

881 MT-AM

Cerebral Blood Flow Measures as a Function of PASL Imaging Parameters

Robert Tamburo, Seong-Gi Kim, Antoine Douaihy, James Becker, University of Pittsburgh, Pittsburgh, United States

883 MT-AM

Cortical perfusion is modulated by global white matter injury in early multiple sclerosis

Wafaa Zaaraoui, Françoise Reuter, Audrey Rico, Anthony Faivre, Lydie Crespy, Virginie Callot, Irina Malikova, Sylviane confort-gouny, Patrick Cozzone, Jean Pelletier, Jean-Philippe RANJEVA, Bertrand Audoin, CRMBM UMR CNRS 6612, Marseille, France

885 MT-AM

Real-Time Functional MRI Using Arterial Spin Labeling

Luis Hernandez-García, Hesamoddin Jahanian, Scott Peltier, University of Michigan, Ann Arbor, United States

887 MT-AM

Analysis of the regional and age dependent differences in whole brain rCBF maps with ASL

Juan Hernández-Tamames, Fernando Zelaya, Pablo García-Polo, David Lythgoe, Eva Alfayate Sáez, Juan Álvarez-Linera, Universidad Rey Juan Carlos, Móstoles, Spain

IMAGING TECHNIQUES AND CONTRAST MECHANISM

PET

889 MT-AM

FET-PET tumour imaging and simultaneous resting state fMRI indicating default-mode network deficits

Joachim Kaffanke, Irene Neuner, Martina Reske, Cornelius Werner, Karl-Josef Langen, Hans Herzog, N. Jon Shah, Institute of Neurosciences and Medicine 4, Research Centre Jülich, Jülich, Germany

891 MT-AM

Effect of spatial normalization in the SPM analysis of PET images of MCI patients and controls

Elena Martino, Yasser Alemán-Gómez, Santiago Reig, Juan Guzmán de Villoria, Javier Olazarán, María LaCalle, Isabel Cruz, Verónica García, Javier Navas, Manuel Desco, Unidad de Medicina y Cirugía Experimental. Hospital General Universitario Gregorio Marañón, Madrid, Spain

IMAGING TECHNIQUES AND CONTRAST MECHANISM

TMS

893 MT-AM

Potentials evoked by transcranial magnetic stimulation in healthy children and children with ADHD

Stephan Bender, University of Frankfurt, Germany, Frankfurt, Germany

895 MT-AM

TMS oscillations in the human brain depend on functional connectivity of the stimulation site

Javier Garcia, Emily Grossman, Ramesh Srinivasan, University of California, Irvine, Irvine, United States

MEMORY AND LEARNING

Plasticity (Normal and Following Pathology)

897 MT-AM

Do dopaminergic mid-brain areas modulate learning-dependent plasticity in human auditory cortex?

Sebastian Puschmann, André Brechmann, Marcus Jörn, Christiane Thiel, University of Oldenburg, Oldenburg, Germany

899 MT-AM

The effects of the training of simple processing speed tasks on brain structures

Hikaru Takeuchi, Yasuyuki Taki, Tomomi Nagase, Yuko Sassa, Hiroshi Hashizume, Ryuta Kawashima, IDAC, Tohoku University, Sendai, Japan

901 MT-AM

Is musical expertise dependent upon the hippocampus? Functional and Structural approaches

Mathilde Groussard, Renaud La Joie, Géraldine Rauchs, Brigitte Landeau, Fausto Viader, Béatrice Desgranges, Francis Eustache, Hervé Platel, Inserm U923, Caen, France

903 MT-AM*

Non-invasive Plasticity Induction in a Cortical-cortical Connection Pathway in Human Brain (O-Th4)

Vanessa Johnen, Ethan Buch, Rogier Mars, Jacinta O'Shea, Matthew Rushworth, Department of Experimental Psychology, University of Oxford, UK, Oxford, United Kingdom

905 MT-AM

Short-term learning induced plasticity visualized with diffusion MRI

Shimrit Moryosef-Tzur, Tamar Blumenfeld-Katzir, Yaniv Assaf, Tel Aviv University, Tel Aviv, Israel

907 MT-AM

Working spatial memory induced white matter plasticity in the fornix

shir hofstetter, Ido Tavor, Efrat Sasson, yaniv sagi, Ofer Pasternak, Yaniv Assaf, Tel Aviv University, Tel Aviv, Israel

909 MT-AM

Training-induced Neuroanatomical Plasticity in ADHD: A Tensor-Based Morphometric Study

Elseline Hoekzema, Susanna Carmona, Antoni Ramos, Erika Barba, Anna Bielsa, Virginia Tremols, Mariana Rovira, Juan Carlos Soliva, Antoni Bulbena, Adolf Tobeña, Oscar Vilarroya, Universidad Autónoma de Barcelona, Barcelona, Spain

911 MT-AM

Diffusion MRI of Short-term Spatial Memory Related Brain Plasticity

Ido Tavor, shir hofstetter, yaniv sagi, Ofer Pasternak, Efrat Sasson, Yaniv Assaf, Tel Aviv University, Tel Aviv, Israel

913 MT-AM

fMRI investigation of working memory in chemotherapy-treated breast cancer patients

Carole Scherling, Alexander Kluew, Joyce McKenzie, Barbara Collins, Andra Smith, University of Ottawa, School of Psychology, Ottawa, Canada

915 MT-AM

Structural and functional plasticity in blind individuals: The role of onset age

Catherine Wan, Amanda Wood, Jian Chen, Sarah Wilson, David Reutens, BIDMC / Harvard Medical School, Boston, United States

MEMORY AND LEARNING

Working Memory

917 MT-AM

Methylphenidate has no Effect on Distractibility in Working Memory in ADHD: an fMRI Study

Alexander Prehn-Kristensen, Kerstin Krauel, Jochen Fischer, Stephan Wolff, Olav Jansen, Hartmut Schütze, Hermann Hinrichs, Lioba Baving, University Kiel, Center for Integrative Psychiatry, Department of Child and Adolescent Psychiatry, Kiel, Germany

919 MT-AM

Reduction of Acquisition Time in High Resolution Working Memory fMRI using Multichannel Array Coils

Christina Triantafyllou, Sheeba Arnold, Steve Shannon, John Gabrieli, Susan Whitfield-Gabrieli, A.A. Martinos Imaging Center, McGovern Institute for Brain Research, MIT, Cambridge, United States

921 MT-AM

Disturbed activation of the parietal cortex during a working memory task in adult ADHD patients

Martin Bayerl, Thomas Dielentheis, Goran Vucurevic, Peter Stoeter, Michael Huss, Andreas Konrad, University Medicine Berlin, Berlin, Germany

923 MT-AM

Mechanisms During the Maintenance in Memory of Movements: Influence of Intention and Expertise

Claire Calmels, Marion Foutren, Cornelis Stam, INSEP, Paris, France

925 MT-AM

Caffeine has a modulatory effect on the verbal working memory network

Florian Koppelstaetter, Torsten Poeppel, Christian Siedentopf, Anja Ischebeck, Christian Kolbitsch, Felix Mottaghy, Felber Stephan, Werner Jaschke, Bernd Joachim Krause, Medical University Innsbruck, Innsbruck, Austria

927 MT-AM

Hippocampal involvement in working memory encoding of changing target locations

Max Toepper, Hans Markowitsch, Helge Gebhardt, Thomas Beblo, Christine Thomas, Stefan Kreisel, Bernd Gallhofer, Martin Driessen, Gebhard Sammer, Ev. Hospital Bielefeld, Bielefeld, Germany

929 MT-AM

Frequency dependent EEG power synchronization correlates with the BOLD signal during working memory

Rafael Lüchinger, Lars Michels, Kerstin Bucher, Kay Jann, Daniel Jeanmonod, Silvia Brem, Ernst Martin, Daniel Brandeis, Department of Child and Adolescent Psychiatry, University of Zurich, Zürich, Switzerland

931 MT-AM

An fMRI investigation of mental effort in a complex working memory task

Thomas Karlsson, Maria Engström, Linköping University, Linköping, Sweden

933 MT-AM

Temporal Jittering Isolates Brain Activation during Encoding and Retrieval Phases of Working Memory

Rachel Higier, Katherine Karlsgodt, Anna Xu, Amy Jimenez, Dylan Gee, Martin Ingvar, Christina Hultman, Henrik Larsson, Tyrone Cannon, University of California, Los Angeles, Los Angeles, United States

935 MT-AM

Neural Basis of Inhibitory Control during Delay-Period Activity of Face and Spatial Working Memory

Taejin Park, Moo-Suk Lee, Gwang-Woo Jeong, Heoung-Keun Kang, Junghee Kim, Dept of Psychology, Chonnam National University, Gwangju, Korea, Republic of

937 MT-AM

Disorganised working memory-related functional connectivity in periodic hypersomnia

Maria Engström, Thomas Karlsson, Linköping University, Linköping, Sweden

939 MT-AM

fMRI study on the estimation of level of cognitive load on working memory

Makoto Takahashi, Hiroaki Sato, Hadi Hosseini, Takashi Tsukiura, Ryuta Kawashima, Tohoku University, Sendai, Japan

941 MT-AM

Hippocampal activation during two task, memory and picture naming through Electrocorticography

Felipe Farias Serratos, Naoto Kunii, Kyouosuke Kamada, Tokyo University, Japan, Tokyo, Japan

943 MT-AM

Working memory performance and thalamus microstructure are strictly related in healthy population

Fabrizio Piras, Andrea Cherubini, Carlo Caltagirone, Gianfranco Spalletta, IRCCS Santa Lucia Foundation, Rome, Italy

945 MT-AM

A Functional MRI Comparison of Memory for Object Identity and Location in Change Detection

Caitlin Elmore, Antony Passaro, Timothy Ellmore, Kenneth Leising, Anthony Wright, University of Texas Medical School at Houston, Houston, United States

947 MT-AM

Topography of Cortical Time-Scale Selectivity Assessed using Intracranial EEG

Christopher Honey, Thomas Thesen, Tobias Donner, Lauren Silbert, Werner Doyle, Chad Carlson, Orrin Devinsky, Nava Rubin, David Heeger, Uri Hasson, Princeton University, Princeton, United States

949 MT-AM

Effects of dual working memory training on a reasoning task - an fMRI study

Deepak Dash, Fiona McNab, Torkel Klingberg, Karolinska Institute, Stockholm, Sweden

951 MT-AM*

Direct evidence for top-down prefrontal control of visual working memory targets during distraction (O-W7)

Eva Feredoes, Klaartje Heinen, Christian Ruff, Jon Driver, University College London, London, United Kingdom

953 MT-AM

Working memory fMRI in Temporal Lobe Epilepsy

Jason Stretton, Gavin Winston, Mark Symms, Pamela Thompson, Matthias Koepp, John Duncan, Institute of Neurology, UCL, London, United Kingdom

955 MT-AM

Functional organization of human prefrontal cortex during different working memory components

Tiziana Quarto, Leonardo Fazio, Raffaella Romano, Annabella Di Giorgio, Paolo Taurisano, Barbara Gelao, Luciana Lo Bianco, Alessandra Fersini, Angela Mastropasqua, Apostolos Papazacharias, Marcello Nardini, Teresa Popolizio, Giuseppe Blasi, Alessandro Bertolino, Department of Neurology and Psychiatry, University of Bari, Bari, Italy

957 MT-AM

The independent components of working memory: A large sample fMRI study using the n-back paradigm

Christine Lycke Brandt, Tom Eichele, Jimmy Jensen, Kenneth Hugdahl, Ole Andreassen, University of Oslo and Oslo University Hospital, Oslo, Norway

959 MT-AM

Hippocampal processing in working memory: determining the temporal pattern

Yuwen Hung, Mary Lou Smith, Margot Taylor, University of Toronto; Hospital for Sick Children, Toronto, Canada

961 MT-AM

Prefrontal Top-Down Input as a Mechanism to Boost Capacity and Regulate Access to Working Memory

Albert Compte, Torkel Klingberg, Pär Johansson, Fiona McNab, Jesper Tegnér, Fredrik Edin, IDIBAPS, Barcelona, Barcelona, Spain

963 MT-AM

Neural mechanisms supporting retention in acoustic short-term memory: an ERP study

Synthia Guimond, Sophie Nolden, François Vachon, Christine Lefebvre, Stephan Grimault, Pierre Jolicoeur, Université de Montréal, Montréal, Canada

MODELING AND ANALYSIS

Functional Connectivity & Structural Equation Modeling

965 MT-AM

Effects of Physiological Noise Correction on fMRI Resting-State Functional Connectivity

Jaemin Shin, Helen Mayberg, Xiaoping Hu, Georgia Tech/ Emory University, Atlanta, United States

967 MT-AM

Functional Parcellation of SMA and pre-SMA in Human MFC Using Resting State Networks

Aleksandar Petrovic, Stephen Smith, Mark Jenkinson, University of Oxford Centre for Functional MRI of the Brain, Oxford, United Kingdom

969 MT-AM

What temporal resolution is optimal for dynamic causal modeling?

Christian Kasess, Ewald Moser, Christian Windischberger, MR Centre of Excellence, Medical University Vienna, Vienna, Austria

971 MT-AM

Performance of the DICS beamformer in reconstructing coherent networks from EEG and MEG data

Mark Drakesmith, Wael El-Deredy, Stephen Welbourne, University of Manchester, Manchester, United Kingdom

973 MT-AM

Reproducibility of graph metrics in the at-rest fMRI network

Qawi Telesford, Ashley Morgan, Satoru Hayasaka, Sean Simpson, William Barret, Robert Kraft, Paul Laurienti, Wake Forest University, Winston-Salem, United States

975 MT-AM

Artifact-free removal of global signal in resting state fMRI reveals anti-correlated networks

Felix Carbonell, Pierre Bellec, Amir Shmuel, Montreal Neurological Institute, Montreal, Canada

977 MT-AM

The effect of regional variability in hemodynamic response on Granger causality analyses

Marleen Schippers, Christian Keysers, Remco Renken, University Medical Center Groningen, Groningen, Netherlands

979 MT-AM

Can DCM and Auto-Regressive SEM handle hemodynamic variability? A simulation study

Bjorn Roelstraete, Yves Rosseel, Ghent University, Ghent, Belgium

981 MT-AM

Estimating causal interactions from fMRI time series using mutual information and transfer entropy

Ying-Hua Chu, Yao-Chen Hung, Fa-Hsuan Lin, Institute of Biomedical Engineering, National Taiwan University, Taipei, Taiwan, Republic of China

983 MT-AM

Dynamic Causal Modeling: are results reproducible and sensitive to Parkinson's disease?

James Rowe, Laura Hughes, Roger Barker, Adrian Owen, MRC Cognition and Brain Sciences Unit, Cambridge, United Kingdom

985 MT-AM*

Googling the Brain: Measures for Capturing Centrality and Neural Information Flow (O-M2)

Xi-Nian Zuo, Maarten Mennes, Olaf Sporns, F. Xavier Castellanos, Michael Milham, Phyllis Green and Randolph C wen Institute for Pediatric Neuroscience at the NYU Child Study Center, New York, United States

987 MT-AM

The role of inter-hemispheric interactions in the lateralization of semantic word matching

Mohamed Seghier, Goulven Josse, Alexander Leff, Cathy Price, Wellcome Trust Centre for Neuroimaging, London, United Kingdom

989 MT-AM

Functional Network Connectivity with Time Shuffled Intersubject Correlation

Jeffrey Anderson, Michael Ferguson, Melissa Lopez-Larson, Deborah Yurgelun-Todd, University of Utah, Salt Lake City, United States

991 MT-AM

Mapping Resting-State Brain Networks in Conscious Animals

Nanyin Zhang, Pallavi Rane, Wei Huang, Zhifeng Liang, David Kennedy, Jean Frazier, Jean King, University of Massachusetts Medical School, Worcester, United States

993 MT-AM

Differences in Functional Connectivity During Processing of Abstract & Concrete Concepts: a 7T study

Svetlana Shinkareva, Vladimir Gudkov, Johanna Zumer, Matthew Brookes, Paul Morgan, Peter Morris, UNIVERSITY OF SOUTH CAROLINA, COLUMBIA, United States

995 MT-AM

Differences between EEG coherence measures of functional connectivity

Patricia Milz, Pascal Faber, Roberto Pascual-Marqui, Kieko Kochi, Dietrich Lehmann, The KEY Institute for Brain-Mind Research, University Hospital of Psychiatry, Zurich, Switzerland

997 MT-AM

Graph theoretical analysis of brain networks: test-retest reliability based on resting-state fMRI

Yong He, Jinhui Wang, Suril Gohel, Xinian Zuo, Michael P. Milham, Bharat B. Biswal, Yong He, State Key laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, China, 10087, Beijing, China

999 MT-AM

Age Dependence of BOLD Connectivity in the Default-Mode Network – the Influence of Resting Cerebral

Jean Chen, Tyler Triggs, H. Diana Rosas, David Salat, A. A. Martinos Center for Biomedical Imaging, Charlestown, United States

1001 MT-AM

Spatiotemporal Factor Analysis of EEG Evolutionary Latent Sources

Wesley Thompson, Giovanni Motta, Hernando Ombao, University of California, San Diego, La Jolla, United States

1003 MT-AM

Investigating hierarchical visuo-spatial sequence processing using eigenvector centrality mapping

Gabriele Lohmann, Joerg Bahlmann, Daniel Margulies, Angela Friederici, Robert Turner, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

1005 MT-AM

About estimating the significance of brain functional networks in fMRI

Karkar Slim, Faisan Sylvain, Laurent Thoraval, Foucher Jack, LSIIIT - CNRS / UdS, Strasbourg, France

1007 MT-AM

Effects of Prematurity on Spontaneous Brain Activity in Sleeping Children

Eswar Damaraju, John Phillips, Jean Lowe, Robin Ohls, Vincent Calhoun, Arvind Caprihan, The Mind Research Network, Albuquerque, United States

1009 MT-AM

Functional Connectivity analysis of fMRI data using parameterized Regions of Interest

Wouter Weeda, Lourens Waldorp, Raoul Grasman, Simon van Gaal, Hilde Huizenga, University of Amsterdam, Amsterdam, Netherlands

1011 MT-AM

Analysis of Resting-State Fluctuations in High Spatial Resolution fMRI Data at 7 Tesla

Christian Windischberger, Veronika Schoepf, Florian Ph.S. Fischmeister, Ronald Sladky, Christian Kases, Ewald Moser, MR Center, Medical University of Vienna, Vienna, Austria

1013 MT-AM

Evaluation of Network Connectivity Methods for Resting fMRI Timeseries

Stephen Smith, Mark W Woolrich, Karla L Miller, Oxford University Centre for Functional Magnetic Resonance Imaging of the Brain (FMRIB), Oxford, United Kingdom

1015 MT-AM

Meta-analytic Functional Connectivity: Finding Brain Regions' Multi-way Interactions

Reza Salimi-Khorshidi, Thomas Nichols, Angela Laird, Peter Fox, Stephen Smith, FMRIB Centre of the University of Oxford, Oxford, United Kingdom

1017 MT-AM

Weighted voxel coactivation analysis: Reliability and comparison with ICA

Jeanette Mumford, Steve Horvath, Michael Oldham, Peter Langfelder, Daniel Geschwind, Russell Poldrack, University of Texas at Austin, Austin, United States

1019 MT-AM

Reproducibility of functional connectivity measured by BOLD and perfusion

Wen-Chau Wu, Yufen Chen, Jiongiong Wang, John Detre, National Taiwan University, Taipei, Taiwan, Republic of China

1021 MT-AM

Functional Connectivity using resting-state fMRI: a comparison of "active" and "passive" bilinguals

Noelia Ventura-Campos, Alfonso Barrós-Loscertales, Ana Sanjuán, Aina Rodríguez-Pujadas, Patricia Román, César Ávila, Universitat Jaume I, Castellón, Spain

1023 MT-AM

Frequency characteristics of resting-state functional connectivity: coherence analysis on fNIRS data

Yu-Jin Zhang, Lian Duan, Han Zhang, Yu-Feng Zang, Bharat Biswal, Chun-Ming Lu, Chao-Zhe Zhu, State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, Beijing, China

1025 MT-AM

Nucleus Accumbens Seed ROI based Functional Connectivity of the Methamphetamine Users

Sunghyon Kyeong, Hae-Jeong Park, Ji-Won Chun, Jae-Jin Kim, Dai-Jin Kim, BK21 Project for Medical Science, Yonsei University College of Medicine, Seoul, Korea, Republic of

1027 MT-AM

Resting State Network Detection by Graph Partitioning using the Average Association Criterion

Martin Vejmelka, Milan Palus, Chris Lewis, Maurizio Corbetta, Czech Academy of Sciences, Prague, Czech Republic

1029 MT-AM

Comparison Between Intrinsic Connectivity and Spike Correlated fMRI Activities in Intractable Epilepsy

Fuyuze Tokoglu, Michiro Negishi, R. Todd Constable, Yale University, Magnetic Resonance Research Center, New Haven, United States

1031 MT-AM

Voxel-wise Whole-Brain Functional Dynamics

Rahul Garg, Ravi Rao, Guillermo Cecchi, IBM Research, Yorktown Heights, United States

1033 MT-AM

Fronto-cingulate effective connectivity in obsessive compulsive disorder: A study with fMRI and dynamic causal modeling

Ralf Schlösser, Gerd Wagner, Gregor Peikert, Kathrin Koch, Jürgen Reichenbach, Heinrich Sauer, Department of Psychiatry, University of Jena, Jena, Germany

1035 MT-AM

Estimating Directions of Information Flow between Cortical activities Using Phase-Slope Index

Kensuke Sekihara, David Wipf, Julia Owen, Hagai Attias, Srikantan Nagarajan, Tokyo Metropolitan University, Tokyo, Japan

1037 MT-AM

Differential Connectivity Mapping: A Voxel-Based Method To Analyze Functional Connectivity Changes

Miguel Valencia, María Fernández-Seara, Joaquín Goñi, Julio Artieda, María A Pastor, CIMA - University of Navarra, Pamplona, Spain

1039 MT-AM

Language lateralization and resting-state connectivity

Qing Cai, Marc Brysbaert, Ghent University, Ghent, Belgium

1041 MT-AM

Meta-analytic Connectivity Modeling of the Human Caudate: Evidence for Behavioral Specificity

Jennifer Robinson, Angela Laird, Manjit Sanghera, David Glahn, Keith Young, Peter Fox, Scott & White Memorial Hospital, Temple, United States

1043 MT-AM

From Structural To Functional Connectivity In Aging Brains: A Neural Mass Modeling Approach

Jordi Garcia-Ojalvo, Antonio Pons, Jose Luis Cantero, Mercedes Atienza, Universitat Politecnica de Catalunya, Terrassa, Spain

1045 MT-AM

Surface-based Cortical Graph Analysis in fMRI: Interpretations of Auditory Task-Related Networks

John Sheppard, Ji-Ping Wang, Patrick Wong, Northwestern University, Evanston, United States

1047 MT-AM*

Altered functional connectivity in psychopathy: A resting-state fMRI analysis (O-M3)

Benjamin Shannon, Abraham Snyder, Marcus Raichle, Kevin Bache, Debra Gusnard, Kent Kiehl, Washington University, Saint Louis, United States

1049 MT-AM

Novel approach for modeling event-related functional MRI data

Kathleen Gates, Peter Molenaar, The Pennsylvania State University, University Park, United States

1051 MT-AM

Nongaussian dependence and neglected information in resting fMRI functional connectivity

Jaroslav Hlinka, Milan Palus, Martin Vejmelka, Dante Mantini, Maurizio Corbetta, Institute of Computer Science, Academy of Sciences of the Czech Republic, Prague, Czech Republic

1053 MT-AM

fMRI Functional and Effective Connectivity in Humans Supports a Direct Pathway from Thalamus to hMT+

Anna Gaglianese, Lorenzo Sani, Alard Roebroeck, Giacomo Handjaras, Giulio Bernardi, Mauro Costagli, Emiliano Ricciardi, Pietro Pietrini, Laboratory of Clinical Biochemistry and Molecular Biology, University of Pisa, Pisa, Italy

1055 MT-AM

Mapping Symmetric and Asymmetric Functional Connectivity with Non-Negative Matrix Factorization

Bin Chen, Purdue University Calumet, Hammond, United States

1057 MT-AM

Impact of Brain Damage on Resting State Functional Connectivity in the Default Mode Network

David Rudrauf, Joel Bruss, Carissa Philippi, Brendan Hodis, Sonya Mehta, Thomas Grabowski, Laboratory of Brain Imaging and Cognitive Neuroscience, University of Iowa, Iowa City, United States

1059 MT-AM

Canonical correlation analysis applied to cross-frequency functional brain connectivity with MEG

Juan Soto, Dimitrios Pantazis, Karim Jerbi, Jean-Philippe Lachaux, Sylvain Baillet, Richard Leahy, University of Southern California, Los Angeles, United States

1061 MT-AM

Learning functional connectivity networks with sparse graphical models

Vicente Malave, University of California, San Diego, La Jolla, United States

1063 MT-AM

A whole brain fMRI atlas generated via spatially constrained spectral clustering: Part II, Validity

George Andrew James, R. Cameron Craddock, Helen Mayberg, Xiaoping Hu, University of Arkansas for Medical Sciences, Little Rock, United States

MODELING AND ANALYSIS

Motion Correction/Spatial Normal, Atlas Construction

1065 MT-AM

Construction of an improved diffusion tensor template of the human brain

Shengwei Zhang, Huiling Peng, Robert Dawe, Konstantinos Arfanakis, Illinois Institute of Technology, Chicago, United States

1067 MT-AM

A Chinese averaged MRI head template

Michael Wagner, W.-J. Kuo, Manfred Fuchs, Joern Kastner, Reyko Tech, Compumedics Neuroscan, Hamburg, Germany

1069 MT-AM

Using Functional Areas as Additional Targets for Multi-Subject Cortex-Based Brain Normalization

Martin Frost, Rainer Goebel, Maastricht University, Maastricht, Netherlands

1071 MT-AM

Template Construction using a Patch-based Robust Estimator

Pierrick Coupe, Vladimir Fonov, Jose Manjon, D. Louis Collins, Montreal Neurological Institute, Montreal, Canada

1073 MT-AM

Normalization of Diffusion Spectrum Imaging Using Large Deformation Diffeomorphic Metric Mapping

Yung-Chin Hsu, Ching-Han Hsu, Fang-Cheng Yeh, Wen-Yih Isaac Tseng, National Tsing Hua University, Hsinchu, Taiwan, Republic of China

1075 MT-AM

Diffeomorphic registration of functional data using sulcal landmarks: DISCO is born to be alive

GUILLAUME AUZIAS, Olivier Colliot, Joan Glaunès, Gregory Operto, Jean-François Mangin, Alain Trouvé, Sylvain Baillet, Université Paris 6 UPMC/CRICM, UMR 7225, UMR_S 975, PARIS, France

1077 MT-AM

Accurate Inverse Consistent Robust Registration

Martin Reuter, H. Diana Rosas, Bruce Fischl, Massachusetts General Hospital / Harvard Medical School / MIT, Charlestown, United States

1079 MT-AM

The impact of normalization vs. registration on inter center variability in multi center studies

Nicolaus Klingner, Moritz Wurnig, Ilse Höllinger, Alexander Geissler, Jakob Rath, Thomas Foki, Thomas Steinkellner, Wolfgang Staffen, Martin Kronbichler, Stephan Golazewski, Christian Siedentopf, Florian Koppelstaetter, Michael Verius, Janpeter Nickel, Stephan Felber, Rüdiger Seitz, Roland Beisteiner, Study Group Clinical fMRI, Department of Neurology, Medical University of Vienna, Austria, Vienna, Austria

1081 MT-AM

Influence of skull stripping on functional MRI data

Ilse Höllinger, Nicolaus Klingner, Alexander Geissler, Moritz Wurnig, Susanne Gruber, Jakob Rath, Simon Robinson, Siegfried Trattnig, Roland Beisteiner, Study Group Clinical fMRI, Department of Neurology, Medical University of Vienna, Austria, Vienna, Austria

1083 MT-AM

OPTIMIZED AND DARTEL NORMALIZATION COMPARISON IN DTI VBM STUDIES

Claudia Cullell March, Nuria Bargallo, Carles Falcon, Josefina Castro-Fornieles, Miquel Bernardo, CIBERSAM, BARCELONA, Spain

1085 MT-AM

A Bayesian approach to non-rigid registration with adaptive regularisation

Ivor Simpson, Julia Schnabel, Adrian Groves, Jesper Andersson, Mark Woolrich, IBME/FMRIB, University of Oxford, Oxford, United Kingdom

1087 MT-AM

Improved Tractography Alignment Using Combined Volumetric and Surface Registration

Lilla Zollei, Allison Stevens, Kristen Huber, Sita Kakunoori, Bruce Fischl, Martinos Center, MGH, Charlestown, United States

1089 MT-AM

Comparison of MM-LDDMM, CARET, FreeSurfer Cortical Surface Mapping

Jidan Zhong, Anqi Qiu, National University of Singapore, Singapore, Singapore

MODELING AND ANALYSIS

Multivariate Modeling, PCA and ICA

1091 MT-AM

Linked ICA and Tensor ICA for Multimodal MRI

Adrian Groves, Christian Beckmann, Steve Smith, Mark Woolrich, FMRIB Centre, University of Oxford, Oxford, United Kingdom

1093 MT-AM

Constrained Source Based Morphometry Identifies Structural Network Underlying Default Mode Network

Lai Xu, Judith Segall, Rex Jung, Vince Calhoun, The Mind Research Network, Albuquerque, United States

1095 MT-AM

Spatio-Temporal Tomographic Nonnegative Independent Component Analysis for EEG Source Imaging

Pedro Valdés-Sosa, Mayrim Vega-Hernández, José Sánchez-Bornot, Eduardo Martínez-Montes, María Bobes, Cuban Neuroscience Center, Havana, Cuba

1097 MT-AM*

Brain networks for A β deposition, glucose metabolism, and gray matter density in normal aging (0-T5)

Hwamee Oh, Cindee Madison, Elizabeth Mormino, William Jagust, University of California, Berkeley, Berkeley, United States

1099 MT-AM

Selecting independent components by testing inter-subject reproducibility

Aapo Hyvarinen, Pavan Ramkumar, Riitta Hari, University of Helsinki, Helsinki, Finland

1101 MT-AM

Comparison of multi-subject ICA methods for analysis of fMRI data

Erik Erhardt, Srinivas Rachakonda, Edward Bedrick, Tulay Adali, Vincent Calhoun, Mind Research Network, Albuquerque, United States

1103 MT-AM

ICA-based cortical parcellations using resting-state fMRI and diffusion tractography

Saad Jbabdi, Timothy Behrens, Steve Smith, FMRIB Centre, Oxford, United Kingdom

1105 MT-AM

Multivariate Bilinear Dynamical Systems method for estimating causal interactions in fMRI data

Srikanth Ryali, Tianwen Chen, Kaustubh Supekar, Vinod Menon, Stanford university school of medicine, Palo Alto, United States

1107 MT-AM

Functional connectivity in schizophrenia using Task-related ICA-TC fingerprints

María de la Iglesia Vayá, M^a Jose Escartí, Juan Miguel García-Gomez, Carles Falcon, Luis Martí-Bonmatí, Julio Sanjuán, Eduardo Aguilar, Montserrat Robles-Viejo, Biomedical Informatics Group (IBIME) UPV, Valencia, Spain

1109 MT-AM

Nonlinear Space Extension and PCA Based Multivariate Connectivity Analysis of fMRI Data

Emre Demiralp, Luis Hernandez-Garcia, Metin Demiralp, Richard Gonzalez, John Jonides, University of Michigan, Ann Arbor, United States

1111 MT-AM

On the Use of a Support Vector Machine for a Multivariate Group Analysis in fMRI

Tibor Auer, Jens Frahm, Biomedizinische NMR Forschungs GmbH am Max-Planck-Institut für biophysikalische Chemie, Göttingen, Germany

1113 MT-AM

Enhancing the reproducibility of fMRI statistical maps using generalized CCA in the NPAIRS framework

Babak Afshin-Pour, Hamid Soltanian-Zadeh, Gholam-Ali Hosseini-Zadeh, Cheryl Grady, Stephen Strother, School of Electrical and Computer Engineering, University of Tehran, Tehran, Iran, Islamic Republic of

1115 MT-AM

Task-evoked activation is composed of networks identifiable at rest and predicts performance

Evan Gordon, Melanie Stollstorff, Chandan Vaidya, Georgetown University, Washington, United States

1117 MT-AM

Automatic Selection of ICA Components in fMRI Resting-State Time Series

Silvia Storti, Roberta Nordio, Emanuela Formaggio, Roberto Cerini, Gianna Toffolo, Paolo Manganotti, Alessandra Bertoldo, University of Verona, Verona, Italy

1119 MT-AM

A method for the cortical parcellation using independent component analysis

Dae-Jin Kim, Hae-Jeong Park, Yonsei University, Seoul, Korea, Republic of

1121 MT-AM

Group Independent Component Analysis (ICA) Connectivity Reproducibility Versus Repetitions and Scans

Erik Beall, Mark Lowe, Cleveland Clinic, Cleveland, United States

1123 MT-AM

EEG Dynamics of Musical Tempo and Mode Perception Revealed by Independent Component Analysis

Yuan-Pin Lin, Jyh-Horng Chen, Jeng-Ren Duann, Tzzy-Ping Jung, EE Dept., National Taiwan University, Taipei, Taiwan, Republic of China

1125 MT-AM

An innovation approach for epileptic fMRI data analysis based on statistical time series modeling

Fumikazu Miwakeichi, Andreas Galka, Friederike Moeller, Michael Siniatchkin, The Institute of Statistical Mathematics, Tachikawa, Japan

1127 MT-AM

Model-free group analysis using FENICA

Christian Windischberger, Veronika Schoepf, Christian Kasess, Ronald Sladky, Martin Meyerspeer, Martin Wiesmann, Jessica Albrecht, Rainer Kopietz, Anna Maria Kleemann, Ewald Moser, Center for Medical Physics and Biomedical Engineering, Medical University of Vienna, Vienna, Austria

1129 MT-AM

Hippocampus shape tendency analysis in Alzheimer by PCA

Dong-Kyun Lee, Jong-Min Lee, Hanyang University, Seoul, Korea, Republic of

1131 MT-AM

Investigation of Multi-Subject ICA & Dual Regression for Group Comparisons of Resting State Networks

Lisa Nickerson, Stephen Smith, Dost Ongur, Christian Beckmann, McLean Hospital/Harvard Medical School, Belmont, United States

1133 MT-AM

A method to compare timing of task related differences in MEG/ EEG network dynamics

Arpan Banerjee, Ajay Pillai, Jason Smith, Barry Horwitz, NIDCD/NIH, Bethesda, United States

1135 MT-AM

PLSNPAIRS: An Open Software Package for Data-driven Analysis of fMRI Data in a Resampling Framework

Anita Oder, Imran Somji, R. Nathan Spreng, Nathan Churchill, Stephen Strother, Rotman Research Institute, Toronto, Canada

1137 MT-AM

Joint Independent Component Analysis of Brain Perfusion and Structural MRI in Dementia

Duygu Tosun, Howard Rosen, Bruce Miller, Micheal Weiner, Norbert Schuff, UCSF, San Francisco, United States

1139 MT-AM

Multivariate Distance Matrix Regression Analysis of fMRI Time Series Data

Ashley Scott-Van Zeeland, Kristin McNealy, Mirella Dapretto, Nicholas Schork, Scripps Translational Science Institute, La Jolla, United States

1141 MT-AM

Consistent Cerebellar Networks Identified with a Novel Application of Independent Component Analysis

Vitaly Dobromyslin, David Salat, Jonathan Venne, Catherine Fortier, Elizabeth Leritz, Christian Beckmann, Regina McGlinchey, William Milberg, Geriatric Research, Education, and Clinical Center, VA Boston Healthcare System, Boston, United States

1143 MT-AM

Neural similarity reveals taxonomic organization for animate categories in object-vision pathway

Andrew Connolly, James Haxby, Dartmouth College, Hanover, United States

1145 MT-AM

Comparison of statistical methods for studying brain regional connections in weighted brain networks

Dafnis Batalle, Felipe Calderero, Eduard Gratacos, Ivan Amat-Roldan, Hospital Clinic - IDIBAPS -CIBERER, Barcelona, Spain

1147 MT-AM

Signatures of team performance in the brain

Silke Dodel, Joseph Cohn, Jochen Mersmann, Viktor Jirsa, FAU, Boca Raton, United States

1149 MT-AM

Hippocampal Morphometry in AD with Surface Fluid Registration and Multivariate TBM

Yalin Wang, Yuting Wang, Arthur Toga, Paul Thompson, UCLA, Los Angeles, United States

1151 MT-AM

Analysis and Visualization of Theta-band Information Flow Dynamics in an ERN-producing Task

Tim Mullen, Julie Onton, Arnaud Delorme, Scott Makeig, Swartz Center for Computational Neuroscience, La Jolla, United States

MODELING AND ANALYSIS

Non-Bold fMRI

1153 MT-AM

A True Whole Brain Continuous Arterial Spin Labeling Perfusion fMRI technique

Jingyi Xie, Andy Segerdahl, Linqing Li, Jonathan Brooks, Jesper Andersson, Irene Tracey, Peter Jezzard, FMRI Centre, University of Oxford, Oxford, United Kingdom

1155 MT-AM

Optimal TE for Neuronal Current MRI: Theoretical Modeling

Qingfei Luo, Jia-Hong Gao, The University of Chicago, Chicago, United States

1157 MT-AM

Optimization of Stimulus Timing in Diffusion fMRI on Isolated Turtle Brain

Qingfei Luo, Jia-Hong Gao, The University of Chicago, Chicago, United States

MODELING AND ANALYSIS

Task-Independent Activity

1159 MT-AM

LFO SmackDown? The Resting-State Oscillator vs. The Task Activator

Maarten Mennes, Xi-Nian Zuo, Clare Kelly, Adriana Di Martino, Bharat B. Biswal, F. Xavier Castellanos, Michael Milham, Phyllis Green and Randolph C wen Institute for Pediatric Neuroscience at the NYU Child Study Center, New York, United States

1161 MT-AM

Cognitive perturbation of endogenous brain oscillations

John Suckling, Anna Barnes, Ed Bullmore, University of Cambridge, Cambridge, United Kingdom

1163 MT-AM

Changes over time in the BOLD response to EPI-related acoustic noise in auditory cortical regions

Oliver Hinds, Aaron Hess, M. Dylan Tisdall, Todd Thompson, Hans Breiter, André van der Kouwe, MIT, Cambridge, United States

1165 MT-AM

Measure Regional Homogeneity of Resting-State Low Frequency BOLD Signal Fluctuation using Coherence

Dongqiang Liu, Juejing Ren, Chaogan Yan, Vesa Kiviniemi, Li Yao, Yufeng Zang, State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, Beijing, China

1167 MT-AM

Functional connectivity of the insula in the resting brain

Franco Cauda, Federico D'Agata, Katiuscia Sacco, Sergio Duca, Giuliano Geminiani, Alessandro Vercelli, CCS fMRI, Koelliker Hospital and Department of Psychology, University of Turin, Turin, Italy

1169 MT-AM

Multi-Echo BOLD fMRI Enhances Single Subject ICA Quality and Provides Empirical Component Validation

Prantik Kundu, Wen-Ming Luh, Vikas Patel, Peter Bandettini, NIMH, Bethesda, United States

1171 MT-AM

Altered Intrinsic Functional Connectivity Relates to 5-HTTLPR Genotype in Autism Spectrum Disorders

Jillian Lee Wiggins, Scott Peltier, Jirair Bedoyan, Samantha Ashinoff, Shih-Jen Weng, Melisa Carrasco, Robert Welsh, Catherine Lord, Donna Martin, Christopher Monk, University of Michigan, Ann Arbor, United States

1173 MT-AM

Brain oscillation in emotional faces recognition and syntactic errors detection: task-free activity

Alan Wu, Meng-You Wu, Alexander Savostyanov, Arthur Tsai, Michelle Liou, Institute of Statistical Science Academia Sinica, Taipei, Taiwan, Republic of China

1175 MT-AM

Anesthetic sedation modulates connectivity between arousal systems and the default mode network

Emmanuel Stamatakis, Ram Adapa, Anthony Absalom, David Menon, University of Cambridge, Cambridge, United Kingdom

1177 MT-AM

Resting State correlations with Temperament:

A Consortium for Neuropsychiatric Phenomics Study

fred sabb, Eliza Congdon, Russell Poldrack, Katie Karlsgodt, Eric Miller, Steve Reise, Deanna Lau, Edythe London, Tyrone Cannon, Nelson Freimer, Robert Bilder, semel institute, ucla, Los Angeles, United States

1179 MT-AM

Functional parcellation of human parietal cortex by resting state connectivity analysis

Dante Mantini, Viviana Betti, Mauro Gianni Perrucci, GianLuca Romani, Maurizio Corbetta, K.U.Leuven, Leuven, Belgium

1181 MT-AM

MEG Reveals A Shared Carrier Frequency for Resting State and Task Related Functional Connectivity

Avniel Ghuman, Rebecca van den Honert, Jonathan McDaniel, Alex Martin, Laboratory of Brain and Cognition, National Institute of Mental Health, Bethesda, United States

1183 MT-AM

Ongoing BOLD Signals in Thalamus and Cortex are Modulated by the Berger Paradigm

Mark McAvoy, Linda Larson-Prior, Marek Ludwikow, Abraham Snyder, Debra Gusnard, Marcus Raichle, Giovanni d'Avossa, Washington University, Saint Louis, United States

1185 MT-AM

A model of slow fluctuations in brain activity during rest

Joana Cabral, Etienne Hugues, Rolf Kötter, Olaf Sporns, Gustavo Deco, Universitat Pompeu Fabra, Barcelona, Spain

1187 MT-AM

Permutation method to assess statistical significance in inter-subject correlations of fMRI signals

Jukka-Pekka Kauppi, Iiro Jääskeläinen, Mikko Sams, Jussi Tohka, Tampere University of Technology, Tampere, Finland

1189 MT-AM

Assessment of the reliability of default-mode map using correlation at rest of Motor area and Precuneus area

Abdel-kader Boulanouar, Perrine Bertrand, Sebastien Treserras, Isabelle Berry, Isabelle Loubinoux, Pierre Celsis, Inserm U825, Toulouse, France

1191 MT-AM

Focal fMRI resting state connectivity across long distance axonal bundles using DTI tractography

Sunil Narayan, Daniel Handwerker, Daniel Glen, Peter Bandettini, National Institutes of Health, Bethesda, United States

1193 MT-AM

Across-network resting state correlation periodicity

Daniel Handwerker, Vinai Roopchansingh, Peter Bandettini, National Institute of Mental Health, Bethesda, United States

1195 MT-AM

Mapping the OCEAN: Using Functional Connectivity to Investigate Personality

Jonathan Adelstein, Zarrar Shehzad, Xi-Nian Zuo, Maarten Mennes, Clare Kelly, Aaron Bloomfield, F. Xavier Castellanos, Michael Milham, Phyllis Green and Randolph C wen Institute for Pediatric Neuroscience at the NYU Child Study Center, New York, United States

1197 MT-AM

Inter-Session Variability of Anterior and Posterior Default-Mode Networks from fMRI Data

Jong-Hwan Lee, Dong-Youl Kim, Korea University, Seoul, Korea, Republic of

1199 MT-AM

Stimulant-Mediated Changes in PFC Functional Connectivity associated with Reduced RT Variability

Clare Kelly, Robert Hester, L. Sanjay Nandam, F. Xavier Castellanos, Michael Milham, Mark Bellgrove, Phyllis Green and Randolph C wen Institute for Pediatric Neuroscience at the NYU Child Study Center, New York, United States

MODELING AND ANALYSIS

Univariate Modeling, Linear and Nonlinear

1201 MT-AM

Lagrange Multiplier Test For fMRI Model Anomalies

Victor Solo, Ben Cassidy, Christopher Long, University of New South Wales, Sydney, AU

1203 MT-AM

Modeling Multilevel Variance Components and Outliers in Group Analysis

Gang Chen, Ziad S. Saad, Robert Cox, National Institute of Mental Health, Bethesda, United States

1205 MT-AM

Differences in Neural Processing Time between Healthy and Parkinson with Depression Subjects

Claudinei Biazoli Junior, Joao Sato, Ellison Cardoso, Edson Amaro, HC/FMUSP, Sao Paulo, Brazil

1207 MT-AM

Functional ANOVA for fMRI, with application to the fBIRN East Coast Traveling Subjects Study

Wesley Thompson, Martin Lindquist, Greg Brown, F BIRN, University of California, San Diego, La Jolla, United States

1209 MT-AM

Power Spectrum Scale Invariance Identifies Prefrontal Dysregulation in Paranoid Schizophrenia

Anca Radulescu, Denis Rubin, Lilianne Mujica-Parodi, Stony Brook University, Stony Brook, United States

1211 MT-AM

spmR: An R package For fMRI Data Analysis Based On SPM

Yves Rosseel, Ghent University, Ghent, Belgium

1213 MT-AM

PET receptor parametric F-test using residuals of simplified reference tissue model

Ji Hyun Ko, Nicola Ray, Sang Soo Cho, Francesca Antonelli, Giovanna Pellechia, Antonio Strafella, University of Toronto, Toronto, Canada

1215 MT-AM

Another Perspective on Voxel-wise Multiple Testing Procedures in fMRI

Beatrijs Moerkerke, Tom Loeys, Ghent University, Gent, Belgium

1217 MT-AM

Comparison of Noise Models through ROC Analyses of Simulated Data

Marijke Welvaert, Yves Rosseel, Ghent University, Ghent, Belgium

1219 MT-AM

Accurate and Computationally Efficient Analysis of Longitudinal fMRI data

Thomas Nichols, Lourens Waldorp, University of Warwick, Coventry, United Kingdom

1221 MT-AM*

Detection of Early Brain Folding Patterns of the Normal Human Fetuses in-utero (0-W3)

Ahmad Roosta, Justin Konkle, Piotr Habas, Kio Kim, James Corbett-Detig, Francois Rousseau, Orit Glenn, Colin Studholme, UCSF, Berkeley, United States

1223 MT-AM

Brain grey matter coherence mapping and morphometry. Gender differences studied with VBM and TCBM

Goran Vucurevic, Andreas Konrad, Institute of Neuroradiology, Mainz, Germany, Mainz, Germany

1225 MT-AM

NIRS Analysis – Artifact Reduction and Statistical Inference

Tomer Fekete, Denis Rubin, Lillianne Mujica-Parodi, Stony Brook University, Stony Brook, United States

1227 MT-AM

Bayesian Model Selection for fMRI Activation Detection

abd-krim seghouane, Ju Lynn Ong, Amir Shmuel, National ICT Australia, Canberra, Australia

MOTOR BEHAVIOR

Cerebellum

1229 MT-AM

Verb generation learning revealed distinguished activation in separate cerebellar regions

Peipei Wang, Zhi Yang, Capital Medical University, Beijing, China

1231 MT-AM

Learning-related plasticity in the cortico-cerebellar system

Elise Lesage, Matt Apps, Stephen Turner, Narender Ramnani, Royal Holloway, University of London, Egham, United Kingdom

1233 MT-AM

An fMRI Study of Finger Tapping in Children with Fetal Alcohol Spectrum Disorder

Francois De Guio, Sandra Jacobson, Joseph Jacobson, Christopher Molteno, Ernesta Meintjes, University of Cape Town, Cape Town, South Africa

1235 MT-AM

Temporal and qualitative succession compose subcomponents of motor activation of the cerebellum

Matthias Nitschke, Florian Lienau, Georgi Vassilev, Christian Erdmann, Detlef Kömpf, General Hospital Pinneberg; UKSH Lübeck, Pinneberg, Germany

MOTOR BEHAVIOR

Hand Movements

1237 MT-AM

Movement Kinematics in Motor Sequence Learning: Functional Brain Segregation and Integration

Pierre Orban, Pierre Bellec, Guillaume Marrelec, Philippe Peigneux, Pierre Maquet, Habib Benali, Julien Doyon, University of Montreal, Montreal, Canada

1239 MT-AM

Graph-theoretical network analysis shows changes of functional brain connectivity in motor learning

Marcus Heitger, Renaud Ronsse, Thijs Dhollander, Patrick Dupont, Nicole Wenderoth, Stephan Swinnen, Research Center for Movement Control and Neuroplasticity, K.U. Leuven, Leuven, Belgium

1241 MT-AM

Involvement of M1 in controlling ipsilateral movements differs between left and right handers

Femke van den Berg, Stephan Swinnen, Nicole Wenderoth, Research Center for Movement Control and Neuroplasticity, K.U. Leuven, Leuven, Belgium

1243 MT-AM

Gamma oscillations in primary motor cortex as a representation of motor signal dependent afferent feedback

Suresh Muthukumaraswamy, Krish Singh, Cardiff University, Cardiff, United Kingdom

1245 MT-AM

Plasticity of inhibitory circuits resulting from practice with the dominant and non-dominant hand

Katrien Vercauteren, Monica Perez, Xue Zhang, Stephan Swinnen, Nicole Wenderoth, Research Center for Movement Control and Neuroplasticity, K.U. Leuven, Leuven, Belgium

1247 MT-AM

Callosal contributions to motor sequence learning

Laura Bonzano, Andrea Tacchino, Luca Roccatagliata, Marco Bove, University of Genoa, ITALY, Genoa, Italy

1249 MT-AM

The neural mechanism underlying inter-manual transfer of motor sequence knowledge – an fMRI study

Ella Gabitov, David Manor, Tammi Kushnir, Avi Karni, University of Haifa, Naharyia, Israel

1251 MT-AM

Modulation of proprioceptive integration in the motor cortex shapes human motor learning

Karin Rosenkranz, John Rothwell, UCL Institute of Neurology, London, United Kingdom

1253 MT-AM

Neural coupling in the fronto-parietal predictive coding network

Oliver Jakobs, Edna-Clarisse Cieslik, Karl Zilles, Christian Grefkes, Simon Eickhoff, C&O. Vogt Institute of Brain Research, University of Düsseldorf, Germany, Düsseldorf, Germany

1255 MT-AM

Spatio-Temporal Response Patterns in Sensory-Motor Cortex Using Surface-Based Smoothing of fMRI Data

Marc Patrick Zapf, Antje Kiliyas, Ad Aertsen, Isabella Mutschler, José-Raúl Naranjo, Andreas Schulze-Bonhage, Jürgen Hennig, Oliver Speck, Tonio Ball, University Hospital Freiburg, Freiburg, Germany

1257 MT-AM

Grasping-related activity in the human brain: the role of hand and handedness

Chiara Begliomini, Andrea Caria, Wolfgang Grodd, Castiello Umberto, Department of General Psychology, University of Padova, Padova, Italy

1259 MT-AM

Proprioceptive online control of goal-directed reaching – a transcranial magnetic stimulation study

Alexandra Reichenbach, Jean-Pierre Bresciani, Angelika Peer, Heinrich Bülthoff, Axel Thielscher, MPI for Biological Cybernetics, Tübingen, Germany

1261 MT-AM

BOLD Oscillation Changes between Resting-state and Continuous Finger Tapping

Qi-Zhu Wu, Hao-Yang Xing, He-Han Tang, Ti-Jiang Zhang, Qi-Yong Gong, West China Hospital of Sichuan University, Chengdu, China

MOTOR BEHAVIOR

Locomotion

1263 MT-AM

Investigating Human Response Space: An sMRI Study of ‘Purposefulness’

Alice Mackay, Tom Farrow, Iain Wilkinson, Sean Spence, University of Sheffield, UK, Sheffield, United Kingdom

MOTOR BEHAVIOR

Motor-Premotor Cortex / Motor Cortical Functions

1265 MT-AM

Separating the memory trace of a programmed movement from the processing of reafferent feedback

Stephan Bender, Ulf Thiemann, Matthias Weisbrod, University of Frankfurt, Germany, Frankfurt, Germany

1267 MT-AM

Premotor expression of resting-state motor network reflects disease severity in multiple sclerosis

Anne-Marie Dogonowski, Hartwig Siebner, Xingchen Wu, Per Soelberg Sørensen, Bharat Biswal, Morten Blinkenberg, Kristoffer Madsen, Danish Research Centre for Magnetic Resonance, Copenhagen University Hospital, Hvidovre, Denmark

1269 MT-AM

Structural Correlates of Sequence Skill Performance: Evidence from DTI and VBM

Christopher Steele, Jan Scholz, Heidi Johansen-Berg, Virginia Penhune, Concordia University, Montreal, Canada

1271 MT-AM

Pantomiming familiar and unfamiliar tools: Action semantics versus mechanical problem solving?

Guy Vingerhoets, Elisabeth Vandekerckhove, Pieterjan Honoré, Pieter Vandemaele, Eric Achten, Ghent University, Ghent, Belgium

1273 MT-AM

Neural Activity Accompanying Movement Selection and Response Errors in a Speeded Motor Response Task

Douglas Cheyne, James A. Cheyne, Paul Ferrari, Sonya Bells, Program in Neurosciences and Mental Health, Hospital for Sick Children Research Institute, Toronto, Canada

1275 MT-AM

Differential Brain Activity for Egocentric and Allocentric Control of Simulated Red Bull Air Race

Daniel Callan, Mario Gamez, Ryosuke Hayashi, Akiko Callan, Masa-aki Sato, Mitsuo Kawato, ATR Computational Neuroscience Laboratories, Kyoto, Japan

1277 MT-AM

Tracking the time course of action priming on object recognition

Eun-Jin Sim, Hannah Helbig, Markus Graf, Markus Kiefer, University of Ulm, Department of Psychiatry III, Ulm, Germany

1279 MT-AM

Effects of long term real-time fMRI training in motor cortex

David Scott, Amy Ross, Joakim Vinberg, William Rekshan, Christopher deCharms, Omneuron, Inc., Menlo Park, United States

1281 MT-AM

Inferior frontal cortex connectivity during action reprogramming before and after rTMS over pre-SMA

Franz-Xaver Neubert, Rogier Mars, Ethan Buch, Etienne Olivier, Matthew Rushworth, University of Oxford, Oxford, United Kingdom

1283 MT-AM

Effect of visual perspective and transitivity/meaning on the action observation network

Sébastien Héту, Philip Jackson, Laval University/CIRRIS, Québec, Canada

1285 MT-AM

Time of Day Modulation on the Motor Network: An fMRI Study

Isabella Peres, Evgeny Gutyrchik, Celine Vetter, Janusch Blautzik, Maximilian Reiser, Ernst Pöppel, Till Roenneberg, Thomas Meindl, Institut of Medical Psychology, LMU, Munich, Munich, Germany

1287 MT-AM

Dancing the robot vs. doing the twist: The influence of actions cues on mirror system engagement

Emily Cross, Roman Liepelt, Jim Parkinson, Waltraud Stadler, Richard Ramsey, Wolfgang Prinz, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

1289 MT-AM

Motor Imagery of hand movements in different environments: an fMRI-study

Britta Lorey, Sebastian Pilgramm, Rudolf Stark, Joern Munzert, Dieter Vaitl, Karen Zentgraf, Giessen University, Giessen, Germany

1291 MT-AM

Action observers decode object affordance to constrain manipulation analysis: fMRI evidence

Ricarda I. Schubotz, Marco Wittmann, D. Yves von Cramon, Max Planck Institute for Neurological Research, Cologne, Germany

1293 MT-AM

Increase of deoxy-Hb in the muscle and brain during weight-lifting exercise using simultaneous NIRS

Noriyuki OKA, Kayoko YOSHINO, Toshinori Kato, Graduate school of Media and Governance, Keio university, Kanagawa, Japan

1295 MT-AM

White matter differences in early- and late-trained musicians: Evidence for a sensitive period

Jennifer Bailey, Christopher Steele, Robert Zatorre, Virginia Penhune, Concordia University, Montreal, Canada

1297 MT-AM

Functional connectivity patterns of visuomotor tracking

Deborah Serrien, Michiel Spapé, University of Nottingham, Nottingham, United Kingdom

1299 MT-AM

Neural Sources of the Readiness Potential in Arm Pointing Movements: An ICA-LORETA Approach

Julian Luis Amengual Roig, Josep Marco-Pallarés, Nuria Rojo, Carles Grau, Antoni Rodríguez-Fornells, University of Barcelona, Barcelona, Spain

1301 MT-AM

Detection of ECoG Task-Free Motor Activity using Cross-Frequency Amplitude Correlations

Franziska Thinnies-Elker, Johanna Derix, Johanna Wentlandt, Robert Gawlik, Alexis Gkogkidis, Andreas Schulze-Bonhage, Ad Aertsen, Tonio Ball, Albert-Ludwigs-University, Freiburg, Germany

1303 MT-AM

Motor-Related Cortical Potentials Modulations for Goal-Oriented Action

Chiara Bozzacchi, Maria Assunta Giusti, Donatella Spinelli, Francesco Di Russo, University of Rome "La Sapienza", Rome, Italy

1305 MT-AM

Mental and motor functions in children with attention deficit hyperactivity disorder

Alexander Trembach, Junina Bugaez, Ekaterina Vitko, Irina Volobueva, Galina Grishina, Olga Gorbatova, Kuban state university of physical education, Krasnodar, Russian Federation

1307 MT-AM

An Efficient fMRI Paradigm for Mapping Brain Areas Associated with Motor Actions

David Manor, Ella Gabitov, Tammar Kushnir, Avi Karni, Haifa University, Haifa, Israel

1309 MT-AM

Does long-range alpha-band coupling mediate visually guided motor control?

Karim Jerbi, Jean-Philippe Lachaux, Juan Vidal, Juan Soto, Hua Hui, Dimitrios Pantazis, Line Garnero, Richard Leahy, Olivier Bertrand, Sylvain Baillet, Inserm U821, Brain Dynamics and Cognition; Université Claude Bernard Lyon 1, LYON, France

1311 MT-AM

Theta Synchronizes as Mu Desynchronizes During Sensorimotor Behavior

Leanna Cruikshank, Jeremy Caplan, Anthony Singhal, University of Alberta, Edmonton, Canada

1313 MT-AM

Interhemispheric Motor Cortex Functional Connectivity in ALS: A Resting State fMRI Study

Laura Jelsone-Swain, Rachael Seidler, Brett Fling, Rebecca Hovatter, Kristen Gruis, Robert Welsh, University of Michigan, Ann Arbor, United States

1315 MT-AM

Sensorimotor DTI Abnormality Is Associated with Anomalous Motor Learning in Children with Autism

Deana Crocetti, Jun Izawa, Reza Shadmehr, Priti Srinivasan, Stewart Mostofsky, Kennedy Krieger Institute, Baltimore, United States

1317 MT-AM

Differentiating Corticospinal Motor Tracts in Humans using Diffusion Tensor Tractography

Theodor Rüber, Robert Lindenberger, Schlaug Gottfried, BIDMC / Harvard Medical School, Boston, United States

NEUROANATOMY

1223 MT-AM

Brain grey matter coherence mapping and morphometry. Gender differences studied with VBM and TCMB

Goran Vucurevic, Andreas Konrad, Institute of Neuroradiology, Mainz, Germany, Mainz, Germany

NEUROANATOMY

DTI Studies, Application

1319 MT-AM

Bimanual coordination and corpus callosum microstructure in young adults with traumatic brain injury

Karen Caeyenberghs, Inge Leunissen, James Coxon, Monique Geurts, Alexander Leemans, Karla Michiels, Hilde Beyens, Charlotte Kiekens, Stefan Sunaert, Stephan Swinnen, Motor Control Laboratory, Group Biomedical Sciences, KULeuven, Heverlee, Belgium

1321 MT-AM

Diffusion tensor imaging and tractography in post mortem brain tissue

Christian Langkammer, Nikolaus Krebs, Eva Scheurer, Michael Steiner, Franz Fazekas, Kathrin Yen, Rudolf Stollberger, Stefan Ropele, Medical University of Graz, Graz, Austria

1323 MT-AM

Diffusion Tensor Imaging and Fiber Tracking in Group Averaged Data Sets

Hans-Peter Mueller, Alexander Unrath, Axel Riecker, Albert Ludolph, Jan Kassubek, University of Ulm, Ulm, Germany

1325 MT-AM

Effects of Gradient Non-linearity Correction on Fractional Anisotropy with 3T MRI using TBSS & SPM

Osamu Abe, Hidemasa Takao, Masami Goto, Hiroyuki Kabasawa, Hiroshi Kawaguchi, Wataru Gono, Hiroki Sasaki, Mizuho Murakami, Harushi Mori, Akira Kunitatsu, Hidenori Yamasue, Kiyoto Kasai, Kuni Ohtomo, University of Tokyo, Tokyo, Japan

1327 MT-AM

Presurgical fMRI-Based DTI Tractography for the Evaluation of Tumour Resection Boundaries

Kelvin Mok, Kevin Petrecca, Rolando Del Maestro, Jen Kai Chen, Denise Klein, Department of Neuronavigation, Montreal Neurological Institute, McGill University, Montreal, Canada

1329 MT-AM

Sub-compartments of the Human Putamen: A DTI Study

Alfred Anwander, Thomas Knösche, Sonja A. Kotz, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

1331 MT-AM

Dissociation of Diffusion Tensor Imaging Parameters in Tumor versus Normal Appearing White Matter

Wolfgang Gaggl, Benita Tamrazi, Georgetta Stroe, John Ulmer, Medical College of Wisconsin, Milwaukee, United States

1333 MT-AM

Global Asymmetries of Human Cortical White Matter

Sarina Iwabuchi, Isabelle Haberling, Gjurgjica Badzakova-Trajkov, Ian Kirk, University of Auckland, Auckland, New Zealand

1335 MT-AM

Tract Atrophy in Alzheimer's Disease Measured Using Probabilistic Tractography

Hojjatollah Azadbakht, David Morris, Hamied Haroon, Karl Embleton, Stephen Carter, Brandon Witcher, Julie Snowden, Geoff Parker, Imaging Science and Biomedical Engineering (ISBE), University of Manchester, Manchester, United Kingdom

1337 MT-AM

Characterization of Structural Connectivity in Autism using Graph Networks with DTI

Moo Chung, Nagesh Adluru, Kim Dalton, Andrew Alexander, Richard Davidson, University of Wisconsin, Madison, United States

1339 MT-AM

A Systemic Lupus Erythematosus Patients Study: Using Diffusion Tensor indices and Volume to Investigate Changes in Specific Regions of Corpus Callosum

Kao-Lun Wang, Jie-Zhi Cheng, Wen-Yang Chiang, Chung-Ming Chen, Shiou-Ping Lee, Department of Medical Imaging and Technology, Far Eastern Memorial Hospital, Taipei county, Taiwan, Republic of China

1341 MT-AM

Broca's Area Basal Ganglia Loops

Anastasia Ford, Keith McGregor, Jonathan Trinastic, Lauren Seeds, Zvinka Zlatar, Keith White, Bruce Crosson, University of Florida, Gainesville, United States

1343 MT-AM

Broad gradients in the timing of typical white matter development

John Colby, John Van Horn, Elizabeth Sowell, UCLA Laboratory of Neuro Imaging, Los Angeles, United States

1345 MT-AM

The Probabilistic Pathway and Volume Measurement of Arcuate Fasciculus using DTT-Based Group Mapping

Dong-hoon Lee, Cheol-Pyo Hong, Ji-Won Park, Department of Radiological Science, College of Health Science, Yonsei University, Wonju, Gangwondo, Korea, Republic of

1347 MT-AM

DTI Demonstrated Recovery of Cerebellar Peduncle Injury in a Patient with Cerebellar Tumor

Su Min Son, Sung Ho Jang, Sung Ho Kim, Min Su Kim, Woo Mok Byun, Department of Physical Medicine & Rehabilitation, Taegu, Korea, Republic of

1349 MT-AM

Changes in white matter pathways of the sensorimotor cortex in premanifest Huntington's Disease

Eve Dumas, Simon van den Bogaard, Margot Ruber, Ralf Reilmann, Julie Stout, David Craufurd, Stephen Hicks, Sarah Tabrizi, Jeroen van der Grond, Raymund Roos, Leiden University Medical Centre, Leiden, Netherlands

1351 MT-AM

Effects of age and gender on white matter integrity

Sachiko Inano, Hidemasa Takao, Osamu Abe, Naoto Hayashi, Kuni Ohtomo, University of Tokyo, Tokyo, Japan

1353 MT-AM

Determination of Arcuate Fasciculus Pathway Using Brodmann's area Template for ROI Selection

Dong-hoon Lee, Cheol-Pyo Hong, Ji-Won Park, Department of Radiological Science, College of Health Science, Yonsei University, Wonju, Gangwondo, Korea, Republic of

1355 MT-AM

Parcellating the Cortical Mantle Using Diffusion-Weighted Imaging

Zoltan Nagy, David Thomas, Nikolaus Weiskopf, Martin Sereno, Wellcome Trust Centre for Neuroimaging, UCL, London, United Kingdom

1357 MT-AM

Decreased Fronto-callosoal Connectivity in Unmedicated OCD: a Quantitative Fiber Tractography Study

Jungsu Oh, Joon Hwan Jang, Wi Hoon Jung, Jung-Seok Choi, Do-Hyung Kang, Chi Hoon Choi, Jun Soo Kwon, Seoul National University BK21 Division of Human Life Science, Seoul, Korea, Republic of

1359 MT-AM

Genetic variation in MAOA modulates striatal-frontal white-matter connectivity in Chinese males

Xuemei Lei, Feng Xue, Chuihui Chen, Qi Liu, Jin Li, Ruiwang Huang, Ni Shu, Qi Dong, National Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, Beijing, China

1361 MT-AM

Comparing functional and anatomical segregation in the basal ganglia using fMRI and fiber tracking

Caroline Malherbe, Arnaud Messé, Mélanie Pélégrini-Issac, Stephane Lehericy, Habib Benali, UMR-S 678 Laboratoire Imagerie Fonctionnelle, Paris, France

1363 MT-AM

The Human Connectome Project

Bruce Rosen, Matti Hamalainen, Joshua Roffman, David Shattuck, Van Wedeen, John Van Horn, Bruce Fischl, Randy L. Buckner, Lawrence L. Wald, Steven Stufflebeam, Paul Thompson, Roger Woods, Nelson Freimer, Robert Bilder, Arthur Toga, Athinoula A. Marinos Center, MGH, Charlestown, US

1365 MT-AM

Handedness effects on white matter microstructure in 9-year old children

Rachel Brouwer, René Mandl, Jiska Peper, Inge van Soelen, René Kahn, Dorret Boomsma, Hilleke Hulshoff Pol, University Medical Center Utrecht, Utrecht, Netherlands

1367 MT-AM

Structural connectivity between functional activations, beyond simple "blob" location

Saad Jbabdi, György Homola, Andreas Bartsch, FMRIB Centre, Oxford, United Kingdom

1369 MT-AM

Topographical relationships between arcuate fasciculus connectivity and cortical thickness

Owen Phillips, Kristi Clark, Roger Woods, Kenneth Subotnik, Robert Asarnow, Keith Nuechterlein, Arthur Toga, Katherine Narr, UCLA, Los Angeles, United States

1371 MT-AM

Hierarchical Clustering for Connectivity-based Cortex Parcellation

Nico Gorbach, Christoph Schütte, Corina Melzer, Katrin Amunts, Tania Douglas, Marc Tittgemeyer, Max Planck Institute for Neurological Research, Cologne, Germany

1373 MT-AM

White Matter Integrity Correlates with Clinical Indices in Schizophrenia: a Diffusion Tensor Imaging

Haruyasu Yamada, Osamu Abe, Hidenori Yamasue, Kiyoto Kasai, Yusuke Inoue, Shigeki Aoki, Toshiyuki Okubo, Kuni Ohtomo, Teikyo University Chiba Medical Center, Ichihara, Japan

1375 MT-AM

DTI of the Human Optic Nerve – Pulvinar Pathway: A possible link between Light and Headache?

Nasim Maleki, Lino Becerra, Jaymin Upadhyay, Rami Burstein, David Borsook, McLean Hospital - Harvard Medical School, Belmont, United States

1377 MT-AM

Role of White Matter Integrity and Network Functional Connectivity in Motor Performance after Stroke

Alexandre Carter, Kevin Patel, Jennifer Rengachary, Michael Strube, Joshua Shimony, Serguei Astafiev, Abraham Snyder, Daniel Pope, Gordon Shulman, Maurizio Corbetta, Washington University in Saint Louis, Saint Louis, United States

1379 MT-AM

Extent and Structural Property of the Mid-sagittal Corpus Callosum in Human Brain: A DTI Analysis

Jun Sung Park, Geon-Ho Jahng, Ki-Chang Kwak, Jong-Min Lee, Department of Biomedical Engineering, Hanyang University, Seoul, Korea, Republic of

NEUROANATOMY

Physiology, Metabolism and Neurotransmission

1381 MT-AM

Is there age-related cerebral hypometabolism in cognitively normal elders?

Pedro Curiati, Jaqueline Tamashiro-Duran, Fábio Luis Duran, Carlos Buchpiguel, Paula Squarizoni, Daniele Romano, Homero Vallada, Paulo Menezes, Márcia Sczufca, Geraldo Busatto, Tânia Alves, São Paulo University Medical School, São Paulo, Brazil

1383 MT-AM

Basal cerebral blood volume in human brain during the BOLD fMRI post-stimulation undershoot

Peter Dechent, Gunther Schütze, Gunther Helms, Klaus-Dietmar Merboldt, Jens Frahm, MR-Research in Neurology and Psychiatry, University Medical Center Göttingen, Göttingen, Germany

1385 MT-AM

Propagation of Human Alpha Wave: phase analysis around sagittal circumference

Omi Terasaki, Atsunobu Tsunoda, Faculty of Medicine, Tokyo Medical and Dental University & Kurita Hospital, Tokyo, Japan

1387 MT-AM

Interhemispheric functional connectivity in a subject with complete agenesis of the corpus callosum

Shinya Uchida, Kiyoshi Nakahara, Akira Midorikawa, Koji Kuraoka, Atsuko Saito, Atsushi Takemoto, Mitsuru Kawamura, Katsuki Nakamura, International University of Health and Welfare, Japan, Ohtawara, Japan

1389 MT-AM

In-vivo molecular imaging of the effects of age on dopaminergic, serotonergic and GABA/benzodiazepine transmission

Elseline Hoekzema, Santiago Rojas, Raul Herance, Deborah Pareto, Sergio Abad, Xavier Jimenez, Francisca Figueiras, Foteini Popota, Alba Ruiz, Nuria Flotats, Francisco Fernández, Mariana Rovira, Victor Víctor, Oscar Vilarroya, Joan Gispert, Universidad Autónoma de Barcelona, Barcelona, Spain

1391 MT-AM

K-complexes correlate with thalamic, precuneal and cingulate BOLD-signal changes in stage 2 sleep

Kolja Jahnke, Frederic von Wegner, Astrid Morzelewski, Sergey Borisov, Marcella Maischein, Helmut Laufs, Goethe-University, Clinic of Neurology, Frankfurt am Main, Germany, Frankfurt am Main, Germany

1393 MT-AM

Effects of central insulin resistance to the resting state network

Stephanie Kullmann, Stingl Krunoslav, Martina Guthoff, Heni Martin, Andreas Fritsche, Hubert Preissl, Medical Psychology, MEG center, Tübingen, Germany, Tübingen, Germany

1395 MT-AM

Cross-frequency interactions influence cell firing in the human cortex

Thomas FitzGerald, Antonio Valentin, Richard Selway, Raymond Dolan, Mark Richardson, Institute of Psychiatry, KCL, London, United Kingdom

1397 MT-AM

Diversity of Neural-Hemodynamic Relationships Depending on Patterns of Cortical Processing

Masahito Nemoto, Yoko Hoshi, Ikuhiro Kida, Yoshinobu Iguchi, Tokyo Institute of Psychiatry, Tokyo, Japan

1399 MT-AM

Interhemispheric Connectivity in Rat Sensorimotor Cortex Measured by Bilateral Laminar Electrodes

Kwangyeol Baek, Woo Hyun Shim, Harsha Radhakrishnan, Bruce Rosen, Jaeseung Jeong, Young Kim, David Boas, Maria Franceschini, Korea Advanced Institute of Science and Technology (KAIST), Daejeon, Korea, Republic of

SENSORY SYSTEMS

Pain and Autonomic Function

1401 MT-AM

A magnetoencephalographic study of temporal summation of pain

Andrej Stancak, Jamaan Alghamdi, Turo Nurmikko, University of Liverpool, Liverpool, United Kingdom

1403 MT-AM*

Open vs hidden opioid administration: Belief modulates remifentanyl effects on pain-evoked responses (O-Th5)

Lauren Atlas, Robert Whittington, Martin Lindquist, Nomita Sonty, Tor Wager, Columbia University, Brooklyn, United States

1405 MT-AM

Effects of Respiration and Heart Rate-Modulations on Resting-State Functional Networks

Najmeh Khalili Mahani, Evelinda Baerends, Remco W Zoethout, Joop M. A. Van Gerven, Serge A.R.B. Rombouts, Leiden University, Leiden, Netherlands

1407 MT-AM

An fMRI Case Report of Photophobia: Activation of the Trigeminal Nociceptive Pathway

Eric Moulton, Lino Becerra, David Borsook, McLean Hospital - Harvard Medical School, Belmont, United States

1409 MT-AM

The neural pain response is associated with fear of pain and pain anxiety

Bertram Walter, Klio Hilber, Andrea Borghardt, Carlo Blecker, Rudolf Stark, Dieter Vaitl, Bender Institute of Neuroimaging, University of Giessen, Giessen, Germany

1411 MT-AM

Limitation of Physical Performance in a Grip Force Task is Mediated by Thalamo-Insular Activity

Lea Hilty, Michael Brügger, Roger Luechinger, Urs Boutellier, Lutz Jancke, Kai Lutz, Exercise Physiology, Institute of Human Movement Sciences, ETH Zurich - and 2, Zurich, Switzerland

1413 MT-AM

Evaluation of SNR in parallel imaging for fMRI

Saurabh Bhavsar, Mikhail Zvyagintsev, Yury Koush, Klaus Mathiak, RWTH Aachen University, Aachen, Germany

1415 MT-AM

Quantitative Cerebral Blood Flow Changes Associated with Heat, Cold and Ischemic Pain

Georg Deutsch, Hrishikesh Deshpande, Rajiv Menon, Percy Wang, Timothy Ness, Jan denHollander, Michael Froelich, University of Alabama at Birmingham, Birmingham, United States

1417 MT-AM

Cortical interactions between pain-related anxiety and selective attention to pain

Christopher Brown, Anthony Jones, University of Manchester, Salford, United Kingdom

1419 MT-AM

Alterations in Brain Cortical Thickness and Fiber Structure in Chronic Trigeminal Pain Patients

Kai Lutz, Michael Brügger, Dominik Ettlin, Ashley Barlow, Roger Luechinger, Lutz Jancke, Roman Büchler, Filomena Sabatella, Michael Meier, Jürgen Haenggi, Institute of Psychology, Department of Neuropsychology, University of Zurich, Zurich, Switzerland

1421 MT-AM

Gamma oscillations as a neuronal correlate of the attentional effects of pain

Laura Tiemann, Enrico Schulz, Joachim Gross, Markus Ploner, Technische Universität München, Munich, Germany

1423 MT-AM

Modulation of pain-related anterior cingulate cortex fMRI signal by concomitant innocuous stimuli

Josep Valls-Sole, Cleofe Peña-Gomez, Jordi Casanova-Molla, Carlos Castillo, David Bartres-Faz, Hospital Clinic, Barcelona, Spain

1425 MT-AM

Opioids selectively reduce laser-evoked fMRI responses

Richard Wise, Sharon Dirckx, Elizabeth Russell, Andrew Johnson, Kyle Pattinson, Giandomenico Iannetti, CUBRIC, School of Psychology, Cardiff University, Cardiff, United Kingdom

1427 MT-AM

Neurophysiological coding of traits and states in the perception of pain

Enrico Schulz, Laura Tiemann, Tibor Schuster, Markus Ploner, Technische Universität München, Munich, Germany

1429 MT-AM

Altered cognitive task-related and resting state fMRI activity associated with chronic low back pain

David Seminowicz, Timothy Wideman, Jean Ouellet, Peter Jarzem, Yoram Shir, Mark Ware, Summaya Fallatah, Lina Naso, Zeinab Hatami, M. Catherine Bushnell, Laura Stone, McGill University, Montreal, Canada

1431 MT-AM

Brain Mechanisms Supporting Attention to Sensory Features of Pain

Oleg Lobanov, Alexandre Quevedo, Robert Kraft, Robert Coghill, Wake Forest University School of Medicine, Winston Salem, United States

1433 MT-AM

Sensory and Affective Experience of Pain in a Patient with Damage to Anterior Cingulate and Insula

Tim Salomons, Justin Feinstein, Tom Johnstone, Sahib Khalsa, Karen Davis, Daniel Tranel, David Rudrauf, University of Toronto, Toronto, Canada

1435 MT-AM

Cuff pressure algometry as a tool to investigate brain responses to deep-tissue experimental pain

Marco Loggia, Robert Edwards, Ajay Wasan, Jieun Kim, Lauren LaCount, Ang Li, RANDY GOLLUB, Richard Harris, Kyungmo Park, Vitaly Napadow, MGH / BWH / Harvard Medical School, Charlestown, United States

1437 MT-AM

Hypnosis modulates BOLD activity in patients with temporomandibular disorder pain

Martin Dietz, Randi Abrahamsen, Andreas Roepstorff, Robert Zachariae, Leif Oestergaard, Peter Svensson, Center for Functionally Integrative Neuroscience, Aarhus University, Aarhus, Denmark

1439 MT-AM

Brain Connectivity in Cluster Headache: Exploring Targets for Deep Brain Stimulation

Patrick Schweder, Peter Hansen, Alex Green, Gerardine Quaghebeur, Tipu Aziz, University of Oxford, Department of Neurosurgery, Oxford, United Kingdom

1441 MT-AM

Feasibility of FMRI to Measure Chronic Back Pain Before and After Treatment with Epidural Steroids

Chris Buckle, Xia Jiang, Tariq Malik, Jia-Hong Gao, University of Chicago Medical Center, Chicago, United States

SENSORY SYSTEMS

Tactile/Somatosensory

1443 MT-AM

Single Subject Finger Somatotopy Mapping at 7T

Roberto Martuzzi, Wietske van der Zwaag, Juliane Farthouat, Sebastian Dieguez, Silvio Ionta, Rolf Gruetter, Olaf Blanke, Laboratory of Cognitive Neuroscience (LNCO), Ecole Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland

1445 MT-AM

Cortical activity with reflexological stimulation is unaffected by pseudo information: An fMRI study

Naoki Miura, Yuko Akitsuki, Atsushi Sekiguchi, Ryuta Kawashima, Kochi University of Technology, Kami, Japan

1447 MT-AM

An Electrophysiological Investigation of Somatic Perception and Misperception

Ellen Poliakoff, Wael El-Deredy, Liam Mason, Kirsten McKenzie, Richard Brown, Nelson Trujillo-Barreto, Donna Lloyd, University of Manchester, Manchester, United Kingdom

1449 MT-AM

fMRI measures of induced connectivity in the primary somatosensory cortex

Rishma Vidyasagar, Laura Parkes, MARIARC, University of Liverpool/ Biomedical Imaging Institute, University of Manchester, Manchester, United Kingdom

1451 MT-AM

Parietal specificity on visual compared to tactile movement guidance - an fMRI-navigated rTMS-study

Martin Lotze, Andrea D Walz, Johannes Schüttauf, Functional Imaging Unit, Center for Diagnostic Radiology, University of Greifswald, Greifswald, Germany

1453 MT-AM

Angiography and functional MRI of the human primary somatosensory cortex

Renate Schweizer, Klaus-Dietmar Merboldt, Meike Schweisfurth, Dirk Voit, Jens Frahm, Biomedizinische NMR Forschungs GmbH am MPI für biophysikalische Chemie, Göttingen, Germany

1455 MT-AM

Neural correlates of a visually-induced illusory touch experience investigated with fMRI

Donna Lloyd, Kirsten McKenzie, Richard Brown, Ellen Poliakoff, University of Manchester, Manchester, United Kingdom

1457 MT-AM

Characterization of the EEG response to controlled fingerpad stimulation using ICA

Erik Ziegler, Simon Beckmann, Timo Niiniskorpi, Malin Björnsdotter, Johan Wessberg, Institute of Neuroscience and Physiology, The Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden

1459 MT-AM

100-Hz Modulation Laser Acupuncture Induced Specific Cerebral Cortical Activations

Chang-wei Hsieh, Chao-Hsien Hsieh, Qwa-Fun Wang, Jyh-Horng Chen, Asia University, Taichung, Taiwan, Republic of China

1461 MT-AM

SII neurons can phase-lock to trains of bilateral 4-Hz tactile stimuli

Catherine Nangini, Pavan Ramkumar, Riitta Hari, Brain Research Unit, Low Temperature Laboratory, Aalto University School of Science and Technology, Espoo, Finland

1463 MT-AM

Somatosensory recovery after median nerve transection – a longitudinal fMRI case study

Jakob Rath, Alexander Geissler, Nikolaus Klingner, Ilse Höllinger, Susanne Gruber, Moritz Wurnig, Thomas Hausner, Robert Schmidhammer, Roland Beisteiner, Study Group Clinical fMRI, Department of Neurology, Medical University of Vienna, Austria, Vienna, Austria

1465 MT-AM

Acupuncture Stimulation Activates a Distributed Cortical Network – an MEG study

Rupali Dhond, Thomas Witzel, Norman Kettner, Matti Hamalainen, Vitaly Napadow, Martinos Imaging Center (MGH/HMS), Charlestown, United States

1467 MT-AM

An Investigation of Acupuncture related Functional Connectivity by dual Regression Approach

Hiroaki Mano, AIST, Tsukuba, Japan

SENSORY SYSTEMS

Vision

1469 MT-AM

Do congenitally blind people have a stria of Gennari? First in vivo insights on a subcortical level

Robert Trampel, Derek Ott, Robert Turner, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

1471 MT-AM*

Manipulating Visual Perception with Real-Time fMRI-based Neurofeedback Training (O-W7)

Frank Scharnowski, Chloe Hutton, Oliver Josephs, Nikolaus Weiskopf, Geraint Rees, Wellcome Trust Centre for Neuroimaging, UCL, London, United Kingdom

1473 MT-AM

Neural circuits of blindsight

Michael Schmid, Sylwia Mrowka, Janita Turchi, Richard Saunders, Melanie Wilke, Frank Ye, David Leopold, NIMH, Bethesda, United States

1475 MT-AM

Robust Sensory Gating in the Cortical Visual Evoked Potential Using Two Spatially Separated Stimuli

Timothy Gawne, Tiana Osbourne, Michael Risner, UAB, Birmingham, United States

1477 MT-AM

Low Cost Color Visual Stimulator for fMRI

Bill Rogers, Bryan De La Garza, Joseph Harrison, Yen-Yu Shih, John Roby, Timothy Duong, UTHSCSA, San Antonio, United States

1479 MT-AM

Eye position modulates responses in human visual cortex

Velia Cardin, Andrew Smith, Royal Holloway University of London, Egham, United Kingdom

1481 MT-AM

Comparison of fMRI with SSFP, SWI and EPI sequences: Lateral geniculate nucleus and visual cortex

Andreas Gebhardt, Claus Kiefer, Heinrich P Mattle, Roland Wiest, Arto C Nirikko, Neurology, Berne, Switzerland

1483 MT-AM*

The human MT/V5 field map cluster (O-Th5)

Hauke Kolster, Ronald Peeters, Guy Orban, Lab. for Neuro- and Psychophysiology, KU Leuven, Leuven, Belgium

1485 MT-AM

The Involvement of White Matter Fibers in Face Recognition

Ido Tavor, Aviv Mezer, Shirley Brosch, Yaniv Assaf, Galit Yovel, Tel Aviv University, Tel Aviv, Israel

1487 MT-AM

Effects of grating type and spatial frequency on visual evoked potentials in autistic children

Carlijn van den Boomen, Chantal Kemner, Utrecht University, Dept of Developmental Psychology, Utrecht, Netherlands

1489 MT-AM

An MEG Investigation of Binocular vs. Monocular Pattern Perception in Human Amblyopia

Filomeno Cortese, Herb Goltz, Douglas Cheyne, Agnes Wong, The Hospital for Sick Children, Toronto, Canada

1491 MT-AM

V1 retinotopic map, but not V2 or V3, is scaled by receptive field size above 2 degrees eccentricity

Ben Harvey, Serge Dumoulin, Utrecht University, Utrecht, Netherlands

1493 MT-AM

Activity in the human visual and auditory cortex during watching a movie: an fMRI study

Juha Lahnakoski, Juha Salmi, Iiro Jääskeläinen, Jouko Lampinen, Enrico Glerean, Pia Tikka, Mikko Sams, Department of Biomedical Engineering and Computational Science (BECS), Aalto University, Espoo, Finland

1495 MT-AM

Minding Minds during Minding Minds' Actions. An fMRI Study

Moritz Wurm, D. Yves von Cramon, Ricarda I. Schubotz, Max Planck Institute for Neurological Research, Cologne, Germany

1497 MT-AM*

Retinotopic organization of object-selective areas (O-W1)

Anne Schobert, Jens Schwarzbach, University of Trento, Rovereto, Italy

1499 MT-AM

Preferences to insensible 'phantom' stimuli in low vision patients as measured with fMRI

Elfi Goesaert, Marc Van Baelen, Werner Spileers, Johan Wagemans, Hans Op de Beeck, KU Leuven, Leuven, Belgium

1501 MT-AM

Gender effects of the cingulate cortex in Virtual Reality: an sLORETA analysis

Mathew Hunter, Ratvinder Grewal, Michael Persinger, Laurentian University, Sudbury, Canada

1503 MT-AM

Classification Accuracy and Spatial Networks of Motion Coherence using Real-time fMRI

Theodora Papageorgiou, Stephen LaConte, Jonathan Lisinski, Xinmiao Peng, Stelios Smirnakis, Baylor College of Medicine, Houston, United States

1505 MT-AM

Altered visual Processing in Adults with early-treated Phenylketonuria

Wolfram Schwandt, Reinhold Feldmann, Imke Franzmeier, Benedikt Sundermann, Josef Weglage, Bettina Pfeiderer, University Hospital Muenster, Department of Clinical Radiology, Muenster, Germany

1507 MT-AM

Hiding in Plain Sight: Effective Masking in Speed of Sight Tasks

John George, Michael Ham, Shawn Barr, Cristina Rinaudo, Vadas Gintautas, Ilya Nemenman, Marian Anghel, Steven Brumby, Luis Bettencourt, Garrett Kenyon, Los Alamos National Laboratory, Los Alamos, United States

1509 MT-AM

The MT+ complex is modulated by temporal and depth saliency of Structure-From-Motion objects

Britta Graewe, Reza Farivar, Peter de Weerd, Miguel Castelo-Branco, Raquel Lemos, IBILI-Faculty of Medicine, University of Coimbra, Coimbra, Portugal

1511 MT-AM

Individual differences in the mean ERP and single-trial EEG to faces

Carl Gaspar, Guillaume Rousselet, Cyril Pernet, University of Glasgow, Glasgow, United Kingdom

1513 MT-AM

High temporal resolution decoding of visual feedback to foveal retinotopic cortex

Thomas Carlson, Juraj Mesik, Jeremy Turret, University of Maryland, College Park, United States

LANGUAGE

Production

1515 MT-AM

Recovery-associated functional connectivity changes of the speech production network in stutterers

Christian Kell, Katrin Neumann, Anne-Lise Giraud, Goethe University Frankfurt, Frankfurt, Germany

1517 MT-AM

fMRI assessment of language in pre-operative epileptic patients with late and early onset seizures

Emilie Cousin, Marcela Perrone, Gaetan Yvert, Rebecca Coalson, Cédric Pichat, Philippe Kahane, Jean-François Le Bas, Monica Baciú, Laboratoire de Psychologie & Neurocognition (CNRS UMR 5105), Grenoble, France

1519 MT-AM

The right pre-supplementary motor area supports modality-independent repetition of pseudowords

Gesa Hartwigsen, Stephan Ulmer, Annette Baumgaertner, Katrin Becker, Hartwig Siebner, Department of Neurology, Christian-Albrechts-University Kiel, Kiel, Germany

1521 MT-AM

Neural Mechanisms of Verb Argument Structure Training in Agrammatic Aphasia

Ellyn Riley, Dirk Den Ouden, Sladjana Lukic, Cynthia Thompson, Northwestern University, Evanston, United States

1523 MT-AM

ERP Evidence for an Early Dissociation Between Meaning and Words in Function of Speech Intention

Kristof Strijkers, Phillip Holcomb, Albert Costa, Universitat Pompeu Fabra, Barcelona, Spain

1525 MT-AM

Pre-surgery differentiation of frontal lobe BOLD activation in various language tasks

Michael Erb, Christoph Zimmermann, Alireza Gharabaghi, Wolfgang Grodd, Section on Exp MR of the CNS, University Hospital, Tuebingen, Germany

1527 MT-AM

The Neural Substrates of Simultaneous Interpretation

Alexis Hervais-Adelman, Barbara Moser-Mercer, Christoph M. Michel, Frédéric Grosjean, Narly Golestani, University of Geneva, Geneva, Switzerland

1529 MT-AM

Concomitant leftward asymmetry of the insula in chimpanzees and humans: An MRI study

Simon Keller, Michael Deppe, William Hopkins, University of Münster, Münster, Germany

1531 MT-AM

Neural correlates of inner speech and the effects of healthy aging – a structural functional study

Sharon Geva, Simon Jones, Jennifer Crinion, Cathy Price, Jean-Claude Baron, Elizabeth Warburton, University of Cambridge, Cambridge, United Kingdom

1533 MT-AM

Age-related neurofunctional alterations in human memory systems

Wencke Brusniak, Traute Demirakca, Franziska Matthaus, Thomas Schulze, Nuran Tunc-Skarka, Isabella Wolf, Carsten Diener, Central Institute of Mental Health, Mannheim, Germany

1535 MT-AM

Therapy induced adaptive plasticity in chronic aphasia: single-case and group designs perspectives

Karine Marcotte, Daniel Adrover-Roig, Brigitte Damien, Mathilde de Préaumont, Suzanne Gagnéux, Ana Inés Ansaldo, CRIUGM, Montréal, Canada

1537 MT-AM

Mapping the Neurodynamics of Speech Production with MEG Beamforming

Paul Ferrari, Douglas Cheyne, Mathew MacDonald, Wendy Roberts, Luc De Nil, Elizabeth Pang, Program in Neurosciences and Mental Health, Hospital for Sick Children Research Institute, Toronto, Canada

1539 MT-AM

Increased grey-matter density in right somatosensory and auditory cortices of professional singers

Boris Kleber, Christina Moll, Ralf Veit, Christian Gaser, Niels Birbaumer, University of Tübingen, Tübingen, Germany

1541 MT-AM

Neural networks for processing articulatory difficulty - a model for apraxia of speech

Philipp Kellmeyer, Siobhán Ewert, Christoph Kaller, Dorothee Kümmerer, Cornelius Weiller, Wolfram Ziegler, Dorothee Saur, Department of Neurology, University of Freiburg Medical Center, Freiburg, Germany

1543 MT-AM

Characteristics of speech onset and offset-related potentials in ECoG

Olga Iljina, Johanna Derix, Johanna Wentlandt, Romy Fiedler, Vera Ludwig, Ad Aertsen, Andreas Schulze-Bonhage, Tonio Ball, University of Freiburg, Germany, Freiburg im Breisgau, Germany

1545 MT-AM

Effects of language proficiency on brain areas involved in language selection: an event-related fMRI

Michaël Mouthon, Jean-Marie Annoni, Alan Pegna, Simon Stéphane R., Francois Lazeyras, Caroline Lehr, Hannelore Lee-Jahnke, Asaid Khateb, Geneva University Hospitals, Laboratory of Experimental Neuropsychology (LENPSY), Geneva, Switzerland

LANGUAGE

Reading/Writing

1547 MT-AM

fMRI assessment of phonology according to letter-sound consistency and gender

Marcela Perrone, Emilie Cousin, Gaetan Yvert, Cédric Pichat, Monica Baciú, Laboratoire de Psychologie & Neurocognition (CNRS UMR 5105), Grenoble, France

1549 MT-AM

**The Graphemic/Motor Frontal Area (GMFA):
an fMRI study of normal and impaired writing**

Olivier DUFOR, Franck Emmanuel Roux, Jean-François Démonet, Inserm, Baltimore, United States

1551 MT-AM

**Hemispheric Activity while reading words and pseudo words
among dyslexic and regular readers**

Shelley Shaul, Yossi Arzouan, Avi Goldstein, University of Haifa, Haifa, Israel

1553 MT-AM

**The perception of mirror-letters and mirror-words:
An ERP study on mirror reading**

Jon Andoni Duñabeitia, Nicola Molinaro, Manuel Carreiras, Basque Center on Cognition, Brain and Language, Donostia, Spain

1412 WTH-PM

**Feedback Regularization of Letter-like Numbers in Visual
Word Recognition**

Nicola Molinaro, Jon Andoni Duñabeitia, Manuel Carreiras, BCBL, Basque center on Cognition, Brain and Language, Donostia, Spain

1557 MT-AM

**Attention Influences VWFA Response to Words and Consonant
Strings but Not False Fonts**

Liwei Blackburne, Manuel Perea, Jessica Kim, Debbie Yee, Caroline Huang, John Gabrieli, Dafna Palti, MIT, Cambridge, United States

1559 MT-AM

**Investigating Cerebral Activation during Lexical and
Phonological Reading using Optical Imaging**

Dima Safi, Maryse Lassonde, Dang Nguyen, Phetsamone Vannasing, Olivia Florea, Julie Tremblay, Renée Béland, Ecole d'orthophonie et d'audiologie, Université de Montréal, Montréal, Canada

1561 MT-AM

**Proverbs speak louder than Words? An fMRI Study on
Formulaic Expressions**

Isabel Bohrn, Ulrike Altmann, Oliver Lubrich, Winfried Menninghaus, Arthur Jacobs, Freie Universität Berlin - Cluster of Excellence "Languages of Emotion", Berlin, Germany

1563 MT-AM

**The involvement of superior parietal region in both spatial
and lexical task**

Yuan Deng, Rui-fang Guo, Guo-sheng Ding, Dan-ling Peng, Institute of Psychology, Chinese Academic of Sciences, Beijing, China

1565 MT-AM

**Phonological processing deficits in developmental dyslexia
and lack of functional asymmetry**

Myriam Edjlali, Frédéric Andersson, Caroline Hommet, Lionel Landré, Bonnet-Brilhault Frédérique, Jean-Philippe Cottier, Christophe Destrieux, CHRU de Tours, Service de Neuroradiologie, Tours, France

1567 MT-AM

**Does the Processing of a Shallow and a Deep Orthography
Involve Different Brain Activity Patterns?**

Irit Bar Kochva, Zvia Breznitz, Edmond J. Safra Brain Research Center for the Study of Learning Disabilities, University of Haifa, Haifa, Israel

1569 MT-AM

**Brain activation during letter sounding and silent transposing
of musical notation: A MEG study**

CHING-I LU, Margaret Greenwald, Susan Bowyer, Wayne State University, Detroit, United States

1571 MT-AM

Neural Correlates of Word and Picture Naming: An MEG Study

Taeko Wydell, Graciela Tesan, Stephen Crain, Lyndsey Nickels, Brunel University, Middlesex, United Kingdom

1573 MT-AM

**Exploring spatial frequency sensitivity in word and face
preferential areas of the fusiform gyrus**

Zoe Woodhead, Robert Leech, Martin Sereno, Richard Wise, MRC Clinical Sciences Centre, Imperial College, London, United Kingdom

1575 MT-AM

**Neural correlates of vowel length discrimination in
developmental dyslexia**

Katarina Groth, Claudia Steinbrink, Axel Riecker, University of Ulm, Ulm, Germany

1577 MT-AM

**Right Hemisphere Contributions to Reading: A Multi-Experiment
Individual Differences Investigation**

Chantel Prat, Robert Mason, Marcel Just, Carnegie Mellon University, Pittsburgh, United States

1579 MT-AM

Withdrawn

1581 MT-AM*

**Anatomy of the Arcuate Fasciculus is Associated with
Phonology and Reading Skills in Children (0-T3)**

Jason Yeatman, Robert Dougherty, Elena Rykhlevskaia, Gayle Deutsch, Brian Wandell, Michal Ben-Shachar, Stanford University, Stanford, United States

1583 MT-AM

**Neural Changes Associated with Phonological Training:
The Role of Reading Pathways**

Gui Xue, Leilei Mei, Zhonglin Lu, Qi Dong, Qinghua He, Mingxia Zhang, Hongli Xue, Chuansheng Chen, Department of Psychology, University of Southern California, Los Angeles, United States

1585 MT-AM

Functional magnetic resonance imaging of reading phonograms in Japanese subjects

Yoshiaki Someya, Eriko Yamamoto, Yulwan Sung, Seiji Ogawa, Centre for Advanced Research on Logic and Sensibility (CARLS), Keio University, Tokyo, Japan

1587 MT-AM

A fMRI study on Languages: Semantic and Syntactic Process in L1 and L2 Reading

Masako Tanaka, Tokyo Denki University, komae, Japan

1589 MT-AM

Phonology Mediates Lexical Access in Visual Word Recognition

Mario Braun, Florian Hutzler, Thomas F. Münte, Michael Rotte, Michael Dambacher, Arthur Jacobs, Freie Universität Berlin, Berlin, Germany

1591 MT-AM

Language cortex shows three physiologically & functionally distinct waves from visual to motor areas

Ned Sahin, Steven Pinker, Thomas Thesen, Sydney Cash, Orrin Devinsky, Ruben Kuzniecky, Werner Doyle, Eric Halgren, Multimodal Imaging Laboratory, University of California, San Diego, La Jolla, United States

1593 MT-AM

Anatomical Predictors of Uneven Cognitive Profiles in Dyslexia

Christiana Leonard, Pauline Low, Emily Jonczak, Kaitlyn Schmutz, Christine Chiarello, Linda Siegel, Christian Beaulieu, University of Florida, Gainesville, United States

**Monday, June 7 and Tuesday, June 8
14:45 - 15:45**

BRAIN STIMULATION

TDCS

2 MT-PM

The temporal changes of cortical activation induced by the transcranial direct current stimulation

Yong Hyun Kwon, Chung Sun Kim, In Sul Cho, Sung Ho Jang, Ki Seok Nam, Department of Physical Therapy, Yeungnam College of Science & Technology, Daegu, Korea, Republic of

4 MT-PM

Prefrontal transcranial direct current stimulation modulates resting-state functional connectivity

Daniel Keeser, Thomas Meindl, Julie Bor, Fabrizio Esposito, Maximilian Reiser, Ulrich Palm, Oliver Pogarell, Frank Padberg, Dept. of Psychiatry, LMU, Munich, Munich, Germany

6 MT-PM

Modulation of Brain Networks and Verbal Fluency performance by tDCS in Parkinson's disease

Joana Pereira, David Bartres-Faz, Maria Jose Marti, Yaroslau Compta, Josep Valls-Sole, Pere Vendrell, Roser Sala-Llonch, Carles Falcon, Nuria Bargallo, Carme Junque, Eduardo Tolosa, University of Barelona, Barcelona, Spain

8 MT-PM*

Abstinence induced craving activity influenced by tDCS: a pCASL Study (0-Th4)

Thomas Fischer, Kersten Diers, Ze Wang, Clemens Kirschbaum, Andrea Antal, Alex Strobel, Burkhard Brocke, TU Dresden, Dresden, Germany

BRAIN STIMULATION

Brain Stimulation-other

10 MT-PM

Investigating the effect of IPS TMS-stimulation on auditory and visual processing – A TMS-fMRI Study

Joana Leitao, Axel Thielscher, Sebastian Werner, Rolf Pohmann, Uta Noppeney, Max Planck Institute for biological Cybernetics, Tübingen, Germany, Tübingen, Germany

12 MT-PM

The photonic brain: extra-ocular light exposure modulates subcortical resting state activity

Tuomo Starck, Juuso Nissilä, Antti Aunio, Ahmed Abou Elseoud, Jukka Remes, Juha Nikkinen, Markku Timonen, Osmo Tervonen, Vesa Kiviniemi, Oulu University Hospital, Oulu, Finland

14 MT-PM

Perceptual and Behavioral Phenomena Reported During Electrical Stimulation of the Human Brain

Aslihan Selimbeyoglu, Josef Parvizi, Stanford University, Stanford, United States

16 MT-PM

Processing objects and actions in the left frontal cortex: a stimulation mapping study

Vincent Lubrano, Katia Prod'homme, Franck-Emmanuel Roux, Université Toulouse III, IFR 96, CHU Toulouse, INSERM U825, Toulouse, France

BRAIN STIMULATION

Deep Brain Stimulation

18 MT-PM

Visualization of Deep Brain Structures for DBS Targets Using High-field (7T) MRI

Noam Harel, Essa Yacoub, Kamil Ugurbil, Aviva Abosch, University of Minnesota, Minneapolis, United States

20 MT-PM

Oscillations in the human thalamus dissociate novel and familiar stimuli

Jan Philipp Pade, Sarah Zweynert, Sandy Siegert, Christof Brücke, Julius Hübl, Torsten Wüstenberg, Gerd Schneider, Andreas Kupsch, Juergen Gallinat, Emrah Duzel, Andrea Kühn, Björn Schott, Department of Psychiatry and Psychotherapy, Berlin, Germany

22 MT-PM

Deep Brain Stimulation of Subthalamic Nuclei Modulates Recognition of Emotional Facial Expressions

Martial Mermillod, Serban Musca, Laurie Mondillon, Catherine Auxiette, Patrick Chambres, Ana Marques, Philippe Derost, Miguel Ulla, Isabelle Jalenques, Franck Durif, Université Blaise Pascal, Clermont-Ferrand, France

24 MT-PM

Abnormalities of Anatomy and Connectivity in Benign Essential Tremor

Patrick Schweder, Peter Hansen, Alex Green, Gerardine Quaghebeur, Tipu Aziz, University of Oxford, Department of Neurosurgery, Oxford, United Kingdom

COGNITION AND ATTENTION

Executive Function

26 MT-PM

Nutritional quality of breakfast affects cognitive function: an fMRI study

Yuko Akitsuki, Seishu Nakagawa, Tomoko Higuchi, Muneshige Shimizu, Koichiro Hamada, Ryuta Kawashima, Smart ageing center, IDAC, Tohoku University, Sendai, Japan

28 MT-PM

A PET Study of Deliberate Human Deception

Maxim Kireev, Alexandr Korotkov, Svyatoslav Medvedev, Sergey Pakhomov, Institute of the Human Brain RAS, Saint-Petersburg, Russian Federation

30 MT-PM

The resting rCBF profile as a predictor of neuropsychological performance

Anees Benferhat, Jasmin Czarapata, Dwight Dickinson, Shau-Ming Wei, Angela Ianni, Daniel Weinberger, Karen Berman, National Institutes of Health, Bethesda, United States

32 MT-PM

A functional connectivity MRI study of default mode network resting-state dynamics

Omer Grigg, Cheryl Grady, Rotman Research Institute, Toronto, Canada

34 MT-PM

The influence of punishment magnitude on error-related neural activity and subsequent learning

Robert Hester, Kevin Murphy, Felicity Brown, Ashley Skilleter, University of Melbourne, Melbourne, Australia

36 MT-PM

The 'What' and 'When' of Self-initiated Movements

Felix Hoffstaedter, Christian Grefkes, Karl Zilles, Simon Eickhoff, Institut for Neuroscience and Medicine, Research Center, Jülich, Germany

38 MT-PM

Medial Prefrontal Activation during Shifting in the Wisconsin Card Sorting Test

Seiki Konishi, Satoshi Hirose, Koji Jimura, Junichi Chikazoe, Takamitsu Watanabe, Hiroko Kimura, Yasushi Miyashita, The University of Tokyo, Tokyo, Japan

40 MT-PM

Brain activation mapping in regular meditators and non-meditators performing a Stroop task

Elisa Kozasa, Maria Angela Barreiros, João Radvany, Shirley Lacerda, Joao Sato, Luiz Eugênio Mello, Edson Amaro Jr., Instituto do Cérebro/Instituto Israelita de Ensino e Pesquisa Albert Einstein, São Paulo, Brazil

42 MT-PM

Executive functions and emotional traits: ERP indices for response inhibition are related to anxiety-related personality traits

Carsten Konrad, Christian Beste, Pienie Zwitserlood, Volker Arolt, Michael Falkenstein, Christina Sehlmeier, Department of Psychiatry, Philipps-University Marburg, Marburg, Germany

44 MT-PM

Working memory load modulates time-of-day and chronotype effects on task-related BOLD activity

Christina Schmidt, Philippe Peigneux, Yves Leclercq, Virginie Sterpenich, Gilles Vandewalle, Christophe Phillips, Gilberte Tinguely, Steffen Gais, Manuel Schabus, Martin Desseilles, Thanh Dang-Vu, Eric Salmon, Evelyne Baiteau, Christian Cajochen, Pierre Maquet, Fabienne Collette, University of Liege, Liège, Belgium

46 MT-PM

It's about time: diurnal BOLD-signal modulation in a task-switching paradigm

Celine Vetter, Isabella Peres, Evgeny Gutyrchik, Janusch Blautzik, Maximilian Reiser, Ernst Pöppel, Till Roenneberg, Thomas Meindl, Institute of Medical Psychology, LMU, Munich, Germany

48 MT-PM

A near-infrared imaging study of task priority effect in dual-task performances

Maude Laguë-Beauvais, Laurence Desjardins-Crépeau, Nathalie Castonguay, Michèle Desjardins, Frédéric Lesage, Louis Bherer, UQAM - Institut de geriatrie de Montreal, Montreal, Canada

50 MT-PM

Inhibition Control in Children with Attention Deficit/Hyperactivity Disorder

I-Hsuan Shen, Shin-Yuan Tsai, Chang Gung University, Tao-Yuan, Taiwan, Republic of China

52 MT-PM

Adapting strategies vs. shifting preferences: evidence for distinctive neural patterns within PFC

Frauke Fink, Thomas Breckel, Christiane Thiel, Helmut Hildebrandt, University of Oldenburg, Oldenburg, Germany

54 MT-PM

TMS evidence for an inhibitory mechanism in resolving motor response interference

Ian Greenhouse, Minya Koruga, Adam Aron, University of California, San Diego, La Jolla, United States

56 MT-PM

Effects of methylphenidate on Probabilistic Reversal Learning in adults with ADHD

Viola Jucksch, Harriet Salbach-Andrae, Anne Beck, Monika Jacker, Florian Schlagenhaut, Ulrike Lehmkuhl, Michael Huss, Andreas Ströhle, Charité - Universitätsmedizin Berlin, Berlin, Germany

58 MT-PM

Obsessive-Compulsive Symptoms Predict Dissociation in Source Contributions to Error-Related ERPs

James Cavanagh, Theo Grundler, Michael Frank, John Allen, University of Arizona, Tucson, United States

60 MT-PM

Dissociable and Overlapped Brain Activations of Response and Perceptual Conflicts in Stroop Task

Akitoshi Ogawa, Takeshi Asamizuya, Kenichi Ueno, Atsushi Iriki, RIKEN Brain Science Institute, Wako, Japan

62 MT-PM

fMRI Investigations of Rule Acquisition in Inductive Reasoning

Cristiano Crescentini, Shima Seyed-Allaei, Nicola De Pisapia, Jorge Jovicich, Daniele Amati, Tim Shallice, SISSA, Trieste, Italy

64 MT-PM

Electrophysiological correlates of planning and monitoring in first episode schizophrenia Patients

Sanna Stroth, Jürgen Brinkmeyer, Nicole Frommann, Wolfgang Gaebel, Wolfgang Wölwer, University of Duesseldorf, Germany, Duesseldorf, Germany

66 MT-PM

Searching for mental states: hide and seek in the human brain

Richard Ramsey, Antonia Hamilton, University of Nottingham, UK, Nottingham, United Kingdom

68 MT-PM

An online rTMS study on anterior prefrontal cortex and integration in working memory

Nicola De Pisapia, Marco Sandrini, Luigi Cattaneo, Todd Braver, Center for Mind/Brain Sciences, University of Trento, Mattarello (Trento), Italy

70 MT-PM

The Role of the Dopamine Transporter (DAT1) on the Rapid Detection of Task Novelty

Manuel Garcia-Garcia, Francisco Barcelo, IC Clemente, Carles Escera, Institute for Brain, Cognition and Behavior (IR3C), University of Barcelona, Barcelona, Spain

72 MT-PM

Domain-specific role of the dorsal cingulum bundle in conflict monitoring

Miguel Burgaleta, Jason Stein, Jesus Privado, Marina Barysheva, Agatha Lee, Kenia Martínez, Roberto Colom, Juan Álvarez-Linera, Paul Thompson, Universidad Autonoma de Madrid, Madrid, Spain

74 MT-PM

Neural circuitry of behavioral inhibition: A comparison of ADHD-, BPD-patients and healthy controls

Oliver Tuescher, Alexandra Sebastian, Stefan Kloepfel, Bernd Feige, Christoph Stahl, Andreas Voss, Gitta Jacob, Ludger Tebartz van Elst, Klaus Lieb, Albert-Ludwigs-University Freiburg, Department of Psychiatry and Psychotherapy, Freiburg, Germany

76 MT-PM

Common and differential brain activity during externally cued inhibition of eye and hand movements

Weidong Cai, Christopher Cannistraci, John Gore, Hoi-Chung Leung, Department of Psychology, State University of New York at Stony Brook, Stony Brook, United States

78 MT-PM

Speed of information processing and Attentional Control: A MRI study of grey and white matter

Marcos Rios-Lago, Jose Perianez, Norberto Malpica, Juan A. Hernández-Tamames, Juan Alvarez-Linera, UNED, Madrid, Spain

80 MT-PM

The Executive/Attentional Attribute of the Globus Pallidus in Working Memory

Yen Yu, Wen-Jui Kuo, Jen-Chuen Hsieh, Karl Friston, Ton-Ping Su, Tzu-Chen Yeh, Yu-Te Wu, National Yang-Ming University, Taiwan, Taipei, Taiwan, Republic of China

82 MT-PM

Differential cortical mechanisms underlying tool use, pantomime, and body-part-as-object use

Hedda Lausberg, Henning Holle, Philipp Kazzner, Hauke Heekeren, Isabell Wartenburger, German Sport University Cologne, Köln, Germany

84 MT-PM

Mapping the impact of cannabis on driving skills in occasional smokers

Giovanni Battistella, Philippe Maeder, Aurélien Thomas, Jean-Frédéric Mall, Jean-Marie Annoni, Monique Appenzeller, Bernard Favrat, Haithem Chtioui, Thierry Buclin, Christian Staub, Patrice Mangin, Christian Giroud, Eleonora Fornari, Radiology Dept., Centre Hospitalier Universitaire Vaudois and University of Lausanne, Lausanne, Switzerland

86 MT-PM

Effect of caffeine on cognitive and sensorimotor BOLD-FMRI activity in low caffeine consumers

A Diukova, J Ware, J Smith, J Evans, P Rogers, R Wise, CUBRIC, School of Psychology, Cardiff University, Cardiff, United Kingdom

88 MT-PM

Executive deficits are related to the inferior frontal junction area in dementia

Barbara Vogt, Stefan Frisch, Becker Georg, Henryk Barthel, Karsten Mueller, Arno Villringer, Osama Sabri, Matthias Schroeter, Max-Planck-Institute for Human Cognitive and Brain Sciences, Leipzig, Germany, Leipzig, Germany

90 MT-PM

Assessing the Interactive Effects of Cognitive Control and Working Memory

Ian Harding, Murat Yücel, Michael Breakspear, Ben Harrison, Christos Pantelis, University of Melbourne, Melbourne, Australia

92 MT-PM

The role of subcortical structures in the integration of cognitive control and motivation

Mael Donoso, Ecole Normale Supérieure, Paris, France

94 MT-PM

Integration of Reward-Based and Context-Based Decision Making in Human Prefrontal Cortex

Sandrine Duverne, Etienne Koechlin, Ecole Normale Supérieure & INSERM, Paris, France

96 MT-PM

Bayesian combination of forward- and probabilistic models: Computational and neural mechanisms

Jill O'Reilly, Matthew Rushworth, Timothy Behrens, FMRIB, Oxford University, Oxford, United Kingdom

98 MT-PM

Modulating intrinsic connectivity: adjacent seeds form separate task networks also connected at rest

Jennifer Roth, Marcia Johnson, Fuyuze Tokoglu, R. Todd Constable, Yale School of Medicine, New Haven, United States

100 MT-PM

Structural correlates of cognition in the human paracingulate cortex

N. Erkut Kucukboyaci, Karen Murphy, William Barr, Chad Carlson, Ruben Kuzniecky, Jonathan DuBois, Brian Quinn, Mark Blumberg, Orrin Devinsky, Anders Dale, Eric Halgren, Thomas Thesen, NYU Epilepsy Center, Department of Neurology, New York University, New York, United States

102 MT-PM

Functional fragmentation of the midcingulate cortex?

Rene Huster, Tom Eichele, Stefanie Enriquez-Geppert, Andreas Wollbrink, Harald Kugel, Carsten Konrad, Christa Pantev, University of Oldenburg, Oldenburg, Germany

104 MT-PM

Partitioning switch cost with ERP: lexical access is delayed by a switch

Heike Elchlepp, Stephen Monsell, Aureliu Lavric, University of Exeter, Exeter, United Kingdom

106 MT-PM

Dissociable Effects of Focal Brain Lesions on Cognitive Control Networks

Emi Nomura, Caterina Gratton, Fernando Perez, Mark D'Esposito, University of California, Berkeley, Berkeley, United States

108 MT-PM

MEG reveals prefrontal and parietal network function during cognitive conflict

Tracy Luks, Corby Dale, Gregory Simpson, Anthony Kaveh, UC San Francisco, San Francisco, United States

110 MT-PM

Developmental Changes in Conflict Processing and Conflict Adaptation: an fMRI study

Heather Wilk, J Bruce Morton, University of Western Ontario, London, Canada

112 MT-PM

Dual networks supporting conflict processing: an fMRI study of conflict adaptation effects

J Bruce Morton, Frederick Ezekiel, Heather Wilk, University of Western Ontario, London, Canada

114 MT-PM

Neural signature of error processing in adults with ADHD

Nenad Vasic, Robert Christian Wolf, Michael Plichta, Georg Grön, University Clinic of Ulm, Psychiatrie, Ulm, Germany

116 MT-PM

Neural substrates of cognitive dysfunction in Parkinson's Disease

Iwona Szatkowska, Ludwika Gawrys, Artur Pilacinski, Ewa Piatkowska-Janko, Piotr Bogorodzki, Tomasz Wolak, Marcel Falkiewicz, Andrzej Friedman, Leszek Krolicki, Leszek Kaczmarek, Nencki Institute of Experimental Biology, Warsaw, Poland

118 MT-PM

Multivariate Pattern Analysis Shows Anticipatory Modulation of Visual Areas During Task Preparation

Matthias Ekman, Jan Derrfuss, Michael Hanke, Marc Tittgemeyer, Max Planck Institute for Neurological Research, Cologne, Germany

120 MT-PM

Neural Basis of Conversation and Emotion Effect on Driving from Lab to On-Road: fMRI and ERP Studies

Li Hsieh, Sean Seaman, John Sullivan, Susan Bowyer, John Moran, Quan Jiang, Linda Angell, Wayne State University, Detroit, United States

122 MT-PM

Outcomes of pediatric heart transplant: A functional brain imaging investigation

Jennifer Bruno, Kelly Konopacki, Shelli Kesler, David Rosenthal, Stanford University, Stanford, United States

124 MT-PM

Success or failure? D2-receptor dependent brain-behavior correlations during response inhibition

Christine Stelzel, Ulrike Basten, Christian Montag, Martin Reuter, Christian Fiebach, University of Heidelberg, Heidelberg, Germany

COGNITION AND ATTENTION

Perception, Imagery, Awareness

126 MT-PM

Mental content modulates the synchronicity of resting-state networks

Marc Joliot, Gaëlle Doucet, Mikaël Naveau, Nicolas Delcroix, Pascal Delamillieure, Fabrice Crivello, Laure Zago, Laurent Petit, Emmanuel Mellet, Nathalie Tzourio-Mazoyer, Bernard Mazoyer, UMR6232, CI-NAPS, Centre for Imaging-Neurosciences and Applications to Pathologies, CNRS, CEA, Caen, France

128 MT-PM

Subliminal fearful faces are processed even when presented outside the focus of attention

Alan Pegna, Claire Berrut, Alexandra Darque, Nicolas Burra, Asaid Khateb, Geneva University Hospital, Geneva, Switzerland

130 MT-PM

Neural Correlates of Sound Externalization and Reverberation processing

Akiko Callan, Daniel Callan, Hiroshi Ando, National Institute of Information and Communications Technology, Kyoto, Japan

132 MT-PM

Source Localization of Blink-related Delta Activity in the Resting-state EEG

Umberto Olcese, Luca Bonfiglio, Giovanni Greco, Simone Carozzo, Antonio Frisoli, Maria Chiara Carboncini, Pieranna Arrighi, Andre Paolo, Massimo Bergamasco, Bruno Rossi, Scuola Superiore Sant'Anna, Pisa, Italy

134 MT-PM

Continuous theta burst stimulation of visual cortex selectively enhances awareness

Chris Allen, Richard Edden, Ben Dunkley, Suresh Muthukumaraswamy, Krish Singh, Chris Chambers, Cardiff University, Cardiff, United Kingdom

136 MT-PM*

The power of imagination – How anticipatory mental imagery alters perception of fearful faces (O-W7)

Esther Diekhof, Hanne E. Kipshagen, Peter Dechent, Jürgen Baudewig, Oliver Gruber, Centre for Translational Research in Systems Neuroscience, Dep. Psychiatry, Georg August University, Göttingen, Germany

138 MT-PM

Expertise Reduces Neural Cost but does not Modulate Repetition Suppression

Alumit Ishai, Martin Wiesmann, University of Zurich, Zurich, Switzerland

140 MT-PM

Interactive involvement of dorsal and ventral visual systems in the 3D object perception from motion

Sunao Iwaki, John Belliveau, National Institute of Advanced Industrial Science and Technology (AIST), Ikeda, Japan

142 MT-PM

Skilled Recognition of Objects and Their Functions Additionally Engages the Right Lateral Brain Area

Merim Bilalic, Andrea Kiesel, Carsten Pohl, Michael Erb, Wolfgang Grodd, Tuebingen University, Tuebingen, Germany

144 MT-PM

Neural correlates of active stream segregation in humans

Susann Deike, Henning Scheich, André Brechmann, Leibniz Institute for Neurobiology, Magdeburg, Germany

146 MT-PM

High-density EEG correlates of loss of consciousness during propofol anesthesia

Michael Murphy, Marie-Aurelie Bruno, Brady Riedner, Pierre Boveroux, Quentin Noirhomme, Eric Landsness, Marcello Massimini, Jean-Francois Brichant, Steven Laureys, Giulio Tononi, Melanie Boly, University of Wisconsin, Madison, United States

148 MT-PM

Cluster-based analysis of NIRS data during observation of human and robot actions

Sotaro Shimada, Meiji University, Kawasaki, Japan

150 MT-PM

Evidence for a distinct representation of the hand in left lateral occipitotemporal cortex

Cristiana Cavina-Pratesi, Stefania Bracci, Magdalena Ietswaart, Durham University, Durham, United Kingdom

152 MT-PM*

A category-specific response to animals in the right human amygdala (O-W1)

Florian Mormann, Julien Dubois, Simon Kornblith, Milica Milosavljevic, Moran Cerf, Matias Ison, Naotsugu Tsuchiya, Alexander Kraskov, Rodrigo Quiroga, Ralph Adolphs, Itzhak Fried, Christof Koch, University of Bonn, Bonn, Germany

154 MT-PM

Negative aesthetic impression formation in the lateral orbitofrontal cortex: a neuroimaging study

Enric Munar, Marcos Nadal, Albert Flexas, Jaume Rosselló, University of the Balearic Islands, Palma Majorca (Spain), Spain

156 MT-PM

Scaling of Neural Responses to Visual and Auditory Motion in the Human Cerebellum

Oliver Baumann, Jason Mattingley, Queensland Brain Institute, The University of Queensland, Brisbane, Australia

158 MT-PM

Visual Mental Imagery Potentiation by Ayahuasca and the Activation of the Primary Visual Cortex

Draulio de Araujo, Sidarta Ribeiro, Guilherme Cecchi, Fabiana Carvalho, Tiago Sanchez, Joel Pinto, Bruno de Martinis, Jaime Hallak, Jose Crippa, Antonio Santos, Intenational Institute of Neuroscience of Natal / UFRN, Natal/RN, Brazil

160 MT-PM

The Neural Coding of Relations Between Objects in Scenes

Jiye Kim, Irving Biederman, University of Southern California, Los Angeles, United States

162 MT-PM

Processing of landscapes in place selective cortex: effects of parametric manipulation of viewpoint

Chris Racey, Sumyah Alnajashi, Samyogita Hardikar, Anastasia Pavlidou, Tom Hartley, University of York, York, United Kingdom

164 MT-PM

The Self - Mental and Corporeal: a Case fMRI Study

Evgeny Gutyrchik, Ute Coates, Thomas Meindl, Maximilian Reiser, Ernst Pöppel, Lorenz Welker, Institute of Medical Psychology, LMU/Human Science Center, LMU/ Paramenides Center for Art & Science, Munich, Germany

166 MT-PM

Prior expectation modulates visual activity before and during perceptual decision making

Floris de Lange, Dobromir Rahnev, Tobias Donner, Hakwan Lau, Radboud University Nijmegen, Donders Institute, Nijmegen, Netherlands

168 MT-PM

The Role of Frontoparietal Regions in Bistable Vision and Voluntary Control

Tom de Graaf, Maartje de Jong, Rainer Goebel, Raymond van Ee, Alexander Sack, Maastricht University, Maastricht, Netherlands

170 MT-PM

Contribution of body shape and motion to biological motion selectivity depends on stimulus position

Wendy Baccus, James Thompson, George Mason University, Manassas, United States

172 MT-PM

Attention Modulates Perceptual Consciousness: An fMRI Study

Ana Chica, Antoni Valero-Cabre, Pedro Paz-Alonso, Paolo Bartolomeo, INSERM UMRS 975, Paris, France

174 MT-PM

Developing EEG methods of detecting awareness in the vegetative and minimally conscious states

Damian Cruse, Tristan Bekinschtein, Martin Monti, Adrian Owen, MRC Cognition and Brain Sciences Unit, Cambridge, United Kingdom

176 MT-PM

A temporal hierarchy for conspecific vocalization discrimination in humans

Marzia De Lucia, Stephanie Clarke, Micah M. Murray, Centre of Biomedical Imaging, University of Lausanne, Lausanne, Switzerland

178 MT-PM

Brain Rest and Unrest: Self referent imagery reveals functional segregation of the default system

Roy Salomon, Rafael Malach, Dana Levy, Tel Aviv University, Tel Aviv, Israel

180 MT-PM

Correlation between cognitive style and brain activity in delayed matching task in children

Kohei Asano, Yasuyuki Taki, Hiroshi Hashizume, Yuko Sassa, Michiko Asano, Hikaru Takeuchi, Mijin Lee, Ryuta Kawashima, IDAC, Tohoku University, Sendai, Japan

182 MT-PM

Music and Speech- Overlaps and Differences in their Neuronal Processing

Rebecca Sautter, Cornelius Weiller, Andreas Horn, Hansjörg Mast, Mariacristina Musso, Uniklinik Freiburg, Freiburg, Germany

184 MT-PM

Transient Neglect: Visual Working Memory Mediates Conscious Visual Perception

Stephen Emrich, Hana Burianova, Susanne Ferber, University of Toronto, Toronto, Canada

186 MT-PM

Differentiating the neural generator of ERAN and MMN: An MEG study

Seung-Goo KIM, June Sic Kim, Chun Kee Chung, Seoul National University, Seoul, Korea, Republic of

188 MT-PM

Individual difference of perceptual-bias in bi-stable perception and difference in brain structure

Masanori Shimono, Kazuhisa Niki, Hiroaki Mano, AIST, Tsukuba, Japan

190 MT-PM

Attention and emotional functioning of meditators: An fMRI study

Wai Kai Hou, Jing Yin, Kwok-Fai So, Chetwyn CH Chan, Tatia MC Lee, Laboratory of Neuropsychology, Centre of Buddhist Studies, The University of Hong Kong, Hong Kong, China

192 MT-PM

Hypnosis as a means to transiently modulate conscious resting state

Athena Demertzi, Maryliese Faymonville, Andrea Soddu, Steven Laureys, Coma Science Group, Cyclotron Research Centre, University of Liege, Liege, Belgium

194 MT-PM

How does the brain identify living things based on their motion?

Johannes Schultz, Heinrich Buelthoff, Max Planck Institute for Biological Cybernetics, Tuebingen, Germany

196 MT-PM

Laterality of Mu Suppression in Observer Predicts Upcoming Action

Daniel Arnstein, Valeria Gazzola, Christian Keysers, University Medical Center Groningen, Groningen, Netherlands

198 MT-PM

Cerebellar Involvement in Visual Processing of Body Motion

Arseny Sokolov, Marcos Tatagiba, Michael Erb, Alireza Gharabaghi, Wolfgang Grodd, Marina Pavlova, University of Tübingen Medical School, Tübingen, Germany

200 MT-PM

Agency revealed by biological motion: How EEG data emphasize the recognition of self and others

Raoul Jenni, Olivier Renaud, Claude-Alain Hauert, University of Geneva, Geneva, Switzerland

202 MT-PM

Correlates of conscious perception versus informational masking in human primary auditory cortex

Katrin Wiegand, Alexander Gutschalk, University of Heidelberg, Heidelberg, Germany

204 MT-PM

Obtaining amygdala time course using MEG during a paradigm of emotional face and gaze perception

Thibaud Dumas, yohan attal, Marie Chupin, Roland Jouvent, Stéphanie Dubal, Nathalie George, CNRS, USR 3246, Centre Emotion, Paris, France, Paris, France

206 MT-PM

Biological Motion Task Performance Predicts Superior Temporal Sulcus Activity

John Herrington, Robert Schultz, Charlotte Nymberg, Children's Hospital of Philadelphia, Philadelphia, United States

208 MT-PM

Predicting visual complexity of color line drawings by training a neural network

Andreas Gatus, Helmut Leder, University of Vienna, Faculty of Psychology, Vienna, Austria

210 MT-PM

Brain Functional Differences During Spatial Imagery In Sighted And Congenitally Blind Individuals

Daniela Bonino, Emiliano Ricciardi, Lorenzo Sani, Tomaso Vecchi, Pietro Pietrini, Laboratory of Clinical Biochemistry and Molecular Biology, University of Pisa, Pisa, Italy

212 MT-PM

An Assessment of Parietal Function during Depth Perception and Coordination in Surgical Robotics

Giulia Paggetti, Gloria Menegaz, Daniel Leff, Felipe Orihuela-Espina, George Mylonas, Mirna Lerotic, Ara Darzi, Guang-Zhong Yang, Department of Computer Science, University of Verona, Verona, Italy

214 MT-PM

Functional integration of the brain after detection of rare target stimuli – a depth EEG study

Milan Brazdil, Jiri Janecek, Robert Roman, Pavel Jurák, Jan Chladek, Pavel Daniel, Josef Halamek, Department of Neurology, Masaryk University, Brno, Czech Rep., Brno, Czech Republic

216 MT-PM

ERP correlates of misperceptions- are perceptual false alarms like normal recognitions?

Magdalena Krol, Wael El-Deredy, University of Manchester, Manchester, United Kingdom

218 MT-PM

The concept Pars Sapiens correlated with cognitive paradigms in hypnosis: An fMRI study

Pablo Vázquez, Roberto Mercadillo, Erick Pasaye, Clemens Bauer, Luis Concha, Fernando Barrios, Universidad Nacional Autonoma de Mexico, QUERETARO, Mexico

220 MT-PM

fMRI evidence for two distinct ventral cortical vision systems

Jan-Bernard Marsman, Koen Haak, Remco Renken, Frans Cornelissen, University Medical Center Groningen, Groningen, Netherlands

222 MT-PM

Modulation of cortical oscillatory activity during observation of distorted vs normal hand postures

marieke longcamp, Karim Jerbi, Martin Schürmann, Riitta Hari, cnrs and université paul sabatier, Marseille, France

224 MT-PM

Neuronal oscillatory signature of perceptual suppression revealed by human intracranial recordings

Juan Vidal, Tomas Ossandon, Karim Jerbi, Lorella Minotti, Philippe Kahane, Jean-Philippe Lachaux, Inserm U821, Brain Dynamics and Cognition; Université Claude Bernard Lyon 1, Lyon, France

226 MT-PM

The visual artist's creative brain: A PET study of creative drawing

Johan Wagemans, Kathleen Vancleef, Frank Amand, Michel Koole, Sander Van de Cruys, Stijn Dirix, Mieke Steukers, Kwinten Porters, Dominique Vanderghinste, Koen Van Laere, Katholieke Universiteit Leuven (University of Leuven), Leuven, Belgium

228 MT-PM

See it from my side! An fMRI study of perspective-taking using language

Martin Dietz, Andreas Roepstorff, Mikkel Wallentin, Center for Functionally Integrative Neuroscience, Aarhus University, Aarhus, Denmark

230 MT-PM

Imaging imagery: exploring the role of prefrontal cortex during visual imagery

Mark Stokes, Gustavo Rohenkohl, Ana Saraiva, Anna Christina Nobre, Oxford University, Oxford, United Kingdom

232 MT-PM

Shared representations in joint actions: Evidence from EEG studies

Pamela Baess, Max-Planck-Institute of Human Cognitive and Brain Sciences, Leipzig, Germany

234 MT-PM

Illusion of Visual Motion Elicited by Electrical Stimulation of Human Area MT+

Andreas Rauschecker, Mohammad Dastjerdi, Aslihan Selimbeyoglu, Nathan Witthoft, Kevin Weiner, Janice Chen, Josef Parvizi, Stanford University, Stanford, United States

236 MT-PM

Object-based attentional modulation of biological motion processing: Spatiotemporal dynamics

Ashley Safford, Elizabeth Hussey, Raja Parasuraman, James Thompson, George Mason University, Fairfax, United States

COGNITION AND ATTENTION

Reasoning and Problem Solving

238 MT-PM

Human Reasoning in Contradictory Sentences: an EEG study

Maria Teresa Medaglia, Franca Tecchio, Stefano Seri, Camillo Porcaro, Aston Brain Centre, School of Life and Health Sciences, Aston University, Birmingham, United Kingdom

240 MT-PM

An fMRI investigation of the influence of positive and neutral mood on insight problem solving

Azurii Collier, Karuna Subramaniam, Chivon Powers, Mark Beeman, Northwestern University, Evanston, United States

242 MT-PM

Fluid intelligence modulates cerebral correlates of processing geometric analogies

Franziska Preusse, Elke van der Meer, Isabell Wartenburger, Berlin NeuroImaging Center, Berlin, Germany

244 MT-PM

Neural Correlates of Creativity – An fMRI study using a modified version of the alternate uses task

Soeren Kroeger, Barbara Rutter, Christiane Hermann, Sabine Windmann, Anna Abraham, Department of Clinical Psychology, Justus-Liebig University, Giessen, Germany

246 MT-PM

Creativity, intelligence, and personality changes following damage to prefrontal and parietal cortex

Artem Perfilev, Olga Razumnikova, Institute of Physiology of SB RAMS, Novosibirsk, Russian Federation

248 MT-PM

The differential role of left and right dlPFC in planning – an rTMS-study

Katharina Heinze, Annekathrein Frenkel, Rüdiger Lange, Claus Henning Läppchen, Benjamin Rahm, Josef Unterrainer, Cornelius Weiller, Christoph Kaller, Department of Neuroradiology, University Medical Center Freiburg, Freiburg, Germany

250 MT-PM

Enhanced brain connectivity in math gifted adolescents during 3-D mental rotation

Michael O'Boyle, Cunnington Ross, Maria Gavrilescu, James Prescott, Gary F. Egan, Texas Tech University, Lubbock, United States

252 MT-PM

The effects of diagram use in deductive reasoning: brain activation in a parietal-frontal system

Yuri SATO, Sayako MASUDA, Yoshiaki Someya, Takeo TSUJII, Shigeru WATANABE, Department of Philosophy, Keio University, Tokyo, Japan

254 MT-PM

Stereotaxic Space Oddity: The Community Strikes Back

Raymond Mar, Jan Derrfuss, York University, Toronto, Canada

256 MT-PM

Neural mechanisms of risky decision making in MDMA users

Pradeep Kurup, Thomas Ross, Erin Kolbrich-Spargo, David Darwin, Robert Goodwin, Marilyn Huestis, Elliot Stein, National Institute on Drug Abuse-Intramural Research Program, Baltimore, United States

258 MT-PM

Dopamine-regulating genes (DAT1 & COMT) influence Belief Bias suppression in reasoning: a fMRI study

Melanie Stollstorff, Stephanie Bean, Lindsay Anderson, William Parrott, Noah Schoenholtz, Adam Evans, Chandan Vaidya, Georgetown University, Washington, United States

COGNITION AND ATTENTION

Space, Time and Number Coding

260 MT-PM

Dysfunctional neural networks of time perception in Schizophrenia : an ALE meta-analysis

Felipe Ortuño, Francisco Guillen, Pilar López-García, José Gómez, Jorge Pla, Clinica Universidad de Navarra, Pamplona, Spain

262 MT-PM

The representations of mental arithmetic in the neural systems for numerosity and language

Jérôme Prado, Rachna Mutreja, Hongchuan Zhang, Rucha Mehta, Amy Desroches, Jennifer Minas, James Booth, Northwestern University, Evanston, United States

264 MT-PM

Interhemispheric coupling between the posterior sylvian regions impacts successful auditory temporal order judgment

Fosco Bernasconi, Jeremy Grivel, Micah M. Murray, Lucas Spierer, CHUV; NPR; CPS, Lausanne, Switzerland

266 MT-PM

A common right fronto-parietal network for numerosity and duration processing: An fMRI study

Valerie Dormal, Giulia Dormal, Mauro Pesenti, UCL, Louvain-La-Neuve, Belgium

268 MT-PM

Language switching costs in bilingual mathematics learning
Roland Grabner, Henrik Saalbach, Doris Eckstein, Swiss Federal Institute of Technology (ETH) Zurich, Zurich, Switzerland

270 MT-PM

Brain correlates of mathematical competence during translation among numerical representations
Roland Grabner, Karl Koschutnig, Gernot Reishofer, Franz Ebner, Swiss Federal Institute of Technology (ETH) Zurich, Zurich, Switzerland

272 MT-PM

The neural encoding of navigationally relevant information
Joost Wegman, Gabriele Janzen, Radboud University Nijmegen, Donders Institute (RU/DI-BCB), Nijmegen, Netherlands

274 MT-PM

Neural correlates of symbolic number comparison in 6-12 year-old children
Minna M. Hannula, Gavin Price, Daniel Ansari, Bruce McCandliss, University of Turku, Turku, Finland

276 MT-PM

Neural Correlates of Relative and Intrinsic Frames of Reference
Gabriele Janzen, Daniel Haun, Stephen Levinson, Radboud University Nijmegen, Donders Institute (RU/DI-BCB), Nijmegen, Netherlands

278 MT-PM

Neural correlates of encoding space and shortcut finding from route, slanted and survey perspectives
Julien Barra, Laetitia Laou, Jean-Baptiste Poline, Denis Le Bihan, Alain Berthoz, Laboratoire de Psychologie et Neuropsychologie Cognitives, CNRS-Paris Descartes, Paris, France

280 MT-PM

Implicit Temporal Encoding in Object Category-Selective Areas in the Ventral Visual Stream
Ronen Golan, Dan Zakay, Galit Yovel, Tel-Aviv University Israel, Tel-Aviv, Israel

282 MT-PM

The neural correlates of concrete and abstract quantities
Philippe Chassy, Michael Erb, Wolfgang Grodd, Section on Exp MR of the CNS, Tuebingen, Germany

284 MT-PM

Cortical Processing of Magnitudes: Nonsymbolic versus Symbolic Representations
Philippe Chassy, Michael Erb, Wolfgang Grodd, Section on Exp MR of the CNS, Tuebingen, Germany

286 MT-PM

Neural correlates of numerical cognition: An fNIRS investigation
Simone Cutini, Fabio Scarpa, Pietro Scatturin, Roberto Dell'Acqua, Marco Zorzi, University of Padova, Padova, Italy

288 MT-PM

Working memory processes for numeric information dissociate in parietal cortex
Ruth Seurinck, Wim Fias, Steve Majerus, Department of Experimental Psychology and Ghent Institute for Functional Imaging, Ghent University, Ghent, Belgium

290 MT-PM

Representations and rules in negative number processing
Kristen Blair, Miriam Rosenberg-Lee, Jessica Tsang, Daniel Schwartz, Vinod Menon, Stanford University, Stanford, United States

292 MT-PM

EEG Oscillations of Spatial Navigation in a Virtual Reality Tunnel Experiment
Te-Chung Chiou, Li-Wei Ko, Jeng-Ren Duann, Klaus Gramann, Tzzy-Ping Jung, Chin-Teng Lin, National Chiao Tung University, Hsinchu, Taiwan, Republic of China

294 MT-PM

Robust hippocampal activation related to rate of movement through a 3-D virtual environment
Philipp Kohn, Shau-Ming Wei, Jonathan Shane Kippenhan, Karen Berman, National Institutes of Health, Bethesda, United States

DISORDERS OF THE NERVOUS SYSTEM

Epilepsy

296 MT-PM

Focal Structural and Neuropsychological Changes in Juvenile Myoclonic Epilepsy
Jonathan O'Muircheartaigh, Christian Vollmar, Gareth Barker, John Duncan, Veena Kumari, Mark Symms, Pamela Thompson, Matthias Koepp, Mark Richardson, King's College London, London, United Kingdom

298 MT-PM

Trajectories of cortical pathology in temporal lobe epilepsy: A longitudinal MRI study
Boris Bernhardt, Andrea Bernasconi, Luis Concha, Neda Bernasconi, McConnell Brain Imaging Center, Montreal Neurological Institute and Hospital, McGill University, Montreal, Canada

300 MT-PM

Interictal Epileptiform Network Analysis using EEG correlated fMRI Validated by Intracranial EEG

Petra van Houdt, Pauly Ossenblok, Frans Leijten, Albert Colon, Paul Boon, Demetrios Velis, Cornelis Stam, Jan de Munck, Kempenhaeghe, Heeze, Netherlands

302 MT-PM

Audiovisual letter processing in recovered Landau-Kleffner Syndrome (LKS): an fMRI case study

Wilhelmus LPM Pullens, Wilhelmus JLM Pullens, Vera Blau, Bettina Sorger, Rainer Goebel, Maastricht Brain Imaging Center, Maastricht University, Maastricht, Netherlands

304 MT-PM

Microstructural changes of white matter and subcortical gray matter in non-lesional temporal lobe epilepsy revealed using DTI

Tobias Ahrens, Harald Kugel, Simon S. Keller, Gabriel Möddel, Siawoosh Mohammadi, E. Bernd Ringelstein, Michael Deppe, Dept. of Neurology, University of Münster, Germany, Münster, Germany

306 MT-PM

Functional Integrity of Focal Cortical Dysplasia: an fMRI Study

Giorgi Kuchukhidze, Florian Koppelstaetter, Iris Unterberger, Judith Dobesberger, Gerald Walser, Julia Larch, Margarete Delazer, Thaddaeus Gotwald, Felber Stephan, Eugen Trinka, Medical University of Innsbruck, Innsbruck, Austria

308 MT-PM

Changes preceding interictal epileptic EEG abnormalities: comparison between EEG/fMRI and SEEG data

Francesca Pittau, Pierre LeVan, Friederike Moeller, Taha Gholipour, Francois Dubeau, Jean Gotman, Montreal Neurological Institute, McGill University, Montreal, Canada

310 MT-PM

Magnetoencephalography of Spike and Wave Discharges in Drug Naive Childhood Absence Epilepsy

Jeffrey Tenney, Douglas Rose, Hisako Fujiwara, Nat Hemasilpin, Cincinnati Children's Hospital Medical Center, Cincinnati, United States

312 MT-PM

White Matter Damage in Temporal Lobe Epilepsy is preferentially observed in the Frontal Lobe

Michael Deppe, S.S. Keller, Siawoosh Mohammadi, Tobias Ahrens, Christian Elger, Bernd Weber, University of Münster, Münster, Germany

314 MT-PM

Receptive language reorganization in patients with left temporal lobe epilepsy

Ana Sanjuán, Juan Carlos Bustamante, Cristina Forn, Noelia Ventura-Campos, María García-Porcar, Juan Carlos Martínez, Vicente Villanueva, César Ávila, Universitat Jaume I, Castellón, Spain

316 MT-PM

Rate Dependent Brain Activation Using Intermittent Light Stimulation in a Baboon Model

Felipe Salinas, Koyle Knape, Crystal Franklin, Shalini Narayana, M. Leland, Hsiao-Ying Wey, Timothy Duong, Peter Fox, C. Szabó, University of Texas Health Science Center at San Antonio, San Antonio, United States

318 MT-PM

Methods of automated brain morphometry in MR-negative temporal lobe epilepsy

Cathy Scanlon, Susanne Mueller, Duygu Tosun, Ian Cheong, Michael Weiner, Kenneth Laxer, VAMC, University of California, San Francisco, United States

320 MT-PM

MRI-based cortical thickness analysis in malformations of cortical development

Dewi Schrader, Boris Bernhardt, Andrea Bernasconi, McConnell Brain Imaging Center, Montreal Neurological Institute and Hospital, McGill University, Montreal, Canada

322 MT-PM

Changes in a language network of metabolic connectivity in medial temporal lobe epilepsy on FDG-PET

Jarang Hahm, Hyojin Park, Hyejin Kang, Eunjoo Kang, Yu-Kyeong Kim, Sang-Kun Lee, Jae Sung Lee, Moo Chung, Dong Soo Lee, Seoul Natl University, Seoul, Korea, Republic of

324 MT-PM

The method of choice for pre-surgical brain mapping in infancy is fMRI: a paradigmatic case

Domenico Montanaro, Carmen Barba, Francesca Frijia, Hana Hlavata, Flavio Giordano, Lorenzo Genitori, Francesco Lombardo, Sara De Cori, Alessio De Ciantis, Raffaello Canapicchi, Renzo Guerrini, Fondazione G.Monasterio CNR-Regione Toscana, Pisa, Italy

326 MT-PM

Comparison of Epileptic Source Localizations Based on EEG and SDE Measurements

Adil Deniz Duru, Gülsüm Akdeniz, Çi dem Özkara, Mustafa Uzan, Ahmet Ademoglu, Tamer Demiralp, Biomedical Engineering Institute, Bogazici University, Istanbul, Turkey

328 MT-PM

Functional connectivity in epileptic networks assessed by intracranial EEG and resting state fMRI

Gaëlle Bettus, Jean-Philippe RANJEVA, Fabrice Wendling, Christian Benar, Sylviane confort-gouny, Jean Régis, Patrick Chauvel, Patrick J. Cozzone, Fabrice Bartolomei, Guye Maxime, CNRS 6612, Marseille, France

330 MT-PM

Breath Holding Test as an Alternative Tool to Detect Perfusion Changes in Epilepsy

Bruno Pastorello, Kelley Mazzetto-Betti, Renata Leoni, Tonicarlo Velasco, Veriano Alexandre-Jr, Lauro Wichert-Ana, Octavio Pontes-Neto, Allan Barros, Americo Sakamoto, Antonio Santos, Draulio de Araujo, University of Sao Paulo, Ribeirao Preto, Brazil

332 MT-PM

Mapping the irritative zone in lesional epilepsy: Frequency domain approaches using MEG

Romain Bouet, Claude Delpuech, François Maugière, Julien Jung, Philippe Ryvlin, Jean Isnard, jean-philippe lachaux, Olivier Bertrand, Inserm, U821, Dynamique Cérébrale et Cognition, bron, France

334 MT-PM

Language lateralization in patients with Tuberous Sclerosis Complex (TSC) using MEG and fMRI

Anne Gallagher, Naoaki Tanaka, Nao Suzuki, Hesheng Liu, Susana Camposano, Elizabeth Thiele, Steven Stufflebeam, Martinos Center for Biomedical Imaging, Massachusetts General Hospital, Harvard Medical School, Boston, United States

336 MT-PM

Propagation patterns of epileptic activity assessed by simultaneous EEG/fMRI recordings

Roland Wiest, Olivier Scheidegger, Klaus Meyer, Kay Jann, Thomas Koenig, Martinus Hauf, Neuroradiology, Berne, Switzerland

338 MT-PM

Ammon's Horn Sclerosis & End-Folium Sclerosis Distinguished with 7 T MRI in Temporal Lobe Epilepsy

Thomas Henry, Marie Chupin, Stephane Lehericy, Kamil Ugurbil, Pierre-Francois Van de Moortele, University of Minnesota, Minneapolis, United States

340 MT-PM

Caudate shape and volume abnormalities are linked to depression & executive functioning in epilepsy

Jeff Riley, Steven Cramer, Jack Lin, University of California, Irvine, Irvine, United States

342 MT-PM

Asymmetric Network Properties in Resting-State fMRI Connectivity Data of Temporal Lobe Epilepsy

Xiaohui Zhang, Fuyuze Tokoglu, R. Todd Constable, Yale University, New Haven, United States

344 MT-PM

Social Network Theory Applied to Resting-State fMRI Data in the Analysis of Epilepsy Networks

Xiaohui Zhang, Fuyuze Tokoglu, R. Todd Constable, Yale University, New Haven, United States

346 MT-PM

Memory encoding shows less hippocampal BOLD effect in patients with mesial temporal epilepsy

Juliana Passos de Almeida, Bettina Castro, Paula Arantes, Maria Otaduy, Luiz Henrique Castro, Edson Amaro, HC FMUSP, São Paulo, Brazil

DISORDERS OF THE NERVOUS SYSTEM

Mood and Anxiety Disorders

348 MT-PM

Depressed Adolescents Demonstrate Increased Amygdala Activity

Tony Yang, Alan Simmons, Scott Matthews, Susan Tapert, Guido Frank, Jeffrey Max, Amanda Bischoff-Grethe, Amy Lansing, Gregory Brown, Jing Wu, Martin Paulus, UCSD, San Diego, United States

350 MT-PM

Functional connectivity of amygdala is modulated by social anxiety proneness in healthy volunteers

Claudio Gentili, Emiliano Ricciardi, Pietro Pietrini, Mario Guazzelli, University of Pisa, Pisa, Italy

352 MT-PM

Emotion regulation in obsessive-compulsive disorder patients and healthy controls

Stella de Wit, Ysbrand van der Werf, David Mataix-Cols, Danielle Cath, Ton van Balkom, Henk Groenewegen, Dick Veltman, Odile van den Heuvel, Dept. of Psychiatry, VU University Medical Center, Amsterdam, Netherlands

354 MT-PM

Switching between executive and default mode networks - Alterations in PTSD

Judith Daniels, Alexander McFarlane, Robyn Bluhm, Kathryn Moores, Richard Clark, Marnie Shaw, Peter Williamson, Ruth Lanius, University of Western Ontario, London, Canada

356 MT-PM

Affect Regulation and Pain in Borderline Personality Disorder

Inga Niedtfeld, Christian Schmahl, Central Institute of Mental Health, Mannheim, Germany

358 MT-PM

Functional connectivity bias in patients with major depression predicts therapy response

Thomas Frodl, Danuta Lisiecka, Peter Whitty, Johanna Scheuerecker, Veronika Schoepf, Martin Wiesmann, Eva Meisenzahl, Hans-Juergen Moeller, Trinity College Dublin, Dublin, Ireland

360 MT-PM

Increased orbitofrontal activation when changing contingencies – a trait marker of bipolar disorder?

Julia Linke, Andrea King, Achim Gass, Michael Hennerici, Marcella Rietschel, Michèle Wessa, Central Institute of Mental Health, Mannheim, Germany

362 MT-PM

Predicting Therapeutic Response in Depression with MRI: a Multimodal Support Vector Machine Study

Andrea Mechelli, Cristina Scarpazza, Su Lui, zhiyun jia, Andre Marquand, Philip McGuire, Qiyong Gong, Institute of Psychiatry, King's College London, London, United Kingdom

364 MT-PM

The interaction of emotion and cognition: Mood induction and auditory oddball in fMRI

Lisa Schock, Miriam Dyck, Klaus Mathiak, RWTH Aachen University, Aachen, Germany

366 MT-PM

Functional Connectivity in Major Depression

Angela Carballado, Hans-Jürgen Moller, Johanna Scheuerecker, Veronika Schoepf, Arun Bokde, Martin Wiesmann, Eva Meisenzahl, Thomas Frodl, Institute of Neuroscience, Trinity College Dublin, Ireland, Dublin, Ireland

368 MT-PM

White Matter Hypoplasia is a Biomarker for Familial Major Depression

Marc Dubin, Myrna Weissman, Dongrong Xu, Ravi Bansal, Hongtu Zhu, Xuejun Hao, Jun Liu, Virginia Warner, Bradley Peterson, NYSPI & Columbia University, New York, United States

370 MT-PM

Near-infrared spectroscopy study in bipolar disorder during face-to-face conversation task

Yuichi Takei, Masashi Suda, Yoshiyuki Aoyama, Kosuke Narita, Noriko Sakurai, Masaki Kameyama, Hideyuki Narita, Masato Fukuda, Masahiko Mikuni, Gunma University Graduate School of Medicine, Maebashi, Japan

372 MT-PM*

Differences in early and late brain responses to phobic stimuli between subtypes of Specific Phobia (O-M3)

Xavier Caseras, David Mataix-Cols, Rafael Torrubia, Cardiff University, Cardiff, United Kingdom

374 MT-PM

White matter alterations in social anxiety disorder – a diffusion tensor imaging study

Volker Baur, Jürgen Hänggi, Michael Rufer, Lutz Jäncke, Uwe Herwig, Annette Brühl, Psychiatric University Hospital, Zurich, Switzerland

376 MT-PM

Fronto-limbic morphometric correlates of genetic risk for bipolar disorder

Koji Matsuo, Miloslav Kopecek, Mark Nicoletti, John Hatch, Yoshifumi Watanabe, Fabiano Nery, Giovana Zunta-Soares, Jair Soares, Yamaguchi University Graduate School of Medicine, Ube, Japan

378 MT-PM

5-HTTLPR Polymorphism Impacts Spontaneous Brain Activity in Han Chinese

Sufang Li, Xiangyu Long, Jun Li, Deyi Wang, Jin Li, Dongqiang Liu, Chaogan Yan, Qihong Zou, Qi Dong, Yufeng Zang, State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, Beijing, China

380 MT-PM

Duloxetine treatment effects on brain response to painful stimulation in major depressive disorder

Marina López-Solà, Jesus Pujol, Rosa Hernández-Ribas, Ben Harrison, Oren Contreras, Carles Soriano-Mas, Joan Deus, Hector Ortiz, José Manuel Menchón, Julio Vallejo, Narcis Cardoner, Institut d'Alta Tecnologia-PRBB, CRC Hospital del Mar, Barcelona, Spain

382 MT-PM

Structural Deficits in Remitted and Non-remitted Recurrent Depression

I-Yun Chen, Kun-Hsien Chou, Chun-Wei Lan, Ching-Po Lin, Institute of Neuroscience, NYMU, Taiwan, Taipei, Taiwan, Republic of China

384 MT-PM

White matter changes in cingulate gyrus in patients with bipolar disorder

Jadwiga Rogowska, Melissa Lopez-Larson, Maciej Bielecki, Piotr Bogorodzki, Deborah Yurgelun-Todd, McLean Hospital/Harvard Medical School, Belmont, United States

386 MT-PM

Attenuation of emotion and arousal-related brain activation in Social Phobia by Alprazolam

Monica Gimenez, Jesus Pujol, Joan Deus, Hector Ortiz, Carles Soriano-Mas, Marina López-Solà, Oren Contreras, Magí Farré, Rocio Martin-Santos, Emilio Merlo-Pich, CRC-CIM, Hospital del Mar, Barcelona, Spain

388 MT-PM

Structural brain alterations in patients with major depressive disorder and high risk for suicide

Gerd Wagner, Kathrin Koch, Claudia Schachtzabel, Heinrich Sauer, Ralf Schlösser, Department of Psychiatry, University of Jena, Jena, Germany

390 MT-PM

Aberrant resting state networks in women with borderline personality disorder

Robert Christian Wolf, Nenad Vasic, Fabio Sambataro, Nadine Osterfeld, University of Ulm, Ulm, Germany

392 MT-PM

Differential humor training effects in male and female patients with major depression

Ute Habel, Dania Falkenberg, valentin Markov, Thilo Kellermann, Frank Schneider, Nils Kohn, RWTH Aachen University, Aachen, Germany

394 MT-PM

Gender differences in happy mood induction – an fMRI study

Timur Khan Toygar, Nils Kohn, Thilo Kellermann, Ute Habel, Department of Psychiatry & Psychotherapy, RWTH Aachen University / JARA-Translational Brain Medicine, Aachen/Juelich, Germany

396 MT-PM

Cortical-subcortical structural covariance networks on the cortical surface

Oliver Grimm, Peter Kirsch, Haddad Leila, Christine Esslinger, Daniela Mier, Henrik Walter, Andreas Meyer-Lindenberg, Central Institute of Mental Health, Mannheim, Germany

398 MT-PM

Caffeine Modulates the Neural Response to Social Signals of Threat

Jessica Smith, Andrew Lawrence, Ana Diukova, Peter Rogers, Richard Wise, Department of Experimental Psychology, University of Bristol, Bristol, United Kingdom

400 MT-PM

Comparison of anatomic, metabolic and clinical parameters in Depression

Nora Hailla, Coraline Metzger, Meng Li, Dorothea Horn, Julia Elise Buchmann, Annemarie Osoba, Bernhard Bogerts, Johann Steiner, Huiguang He, Martin Walter, Otto-von-Guericke-University-Magdeburg, Germany, Magdeburg, Germany

402 MT-PM

Successful Down-Regulation of Negative Affect is Associated with Amygdala-PFC Decoupling

Hyejeon Lee, Aaron Heller, Carien van Reekum, Brady Nelson, Richard Davidson, University of Wisconsin-Madison, Madison, United States

404 MT-PM

Vigilance modulates amygdala responses to subliminal threat in specific phobia

Thomas Straube, Judith Lipka, Wolfgang Miltner, FSU Jena, Jena, Germany

406 MT-PM

Cortical, striatal, and thalamic DASB binding in patients with eating disorders

Monte Buchsbaum, Ursula Bailer, Rama Pichika, Carl Hoh, Alex DeCastro, Bradley Buchsbaum, Walter Kaye, University of California, San Diego, San Diego, United States

408 MT-PM

Cortico-limbic functional coupling predicts variation of neuroticism in remitted depressed patients

Beate Hartinger, Christian Kasess, Christian Scharinger, Wolfgang Huf, Tina Hofmaier, Gerald Pail, Rabi Ulrich, Andreas Erfurth, Harald Esterbauer, Christian Windischberger, Siegfried Kasper, Ewald Moser, Lukas Pezawas, Department of Psychiatry and Psychotherapy, Medical University of Vienna, Vienna, Austria

410 MT-PM

Abnormal processing of instructed fear in obsessive-compulsive disorder

Tobias Freyer, Anna Wolburg, Stefan Klöppel, Simon Maier, Susanne Kamphausen, Ulrich Voderholzer, Oliver Tuescher, University Hospital Freiburg, Germany, Freiburg, Germany

412 MT-PM

Early modulation of face processing in social anxiety: a spatiotemporal analysis of ERP responses

Mandy Rossignol, Pierre Philippot, Fabien D'Hondt, Simon Rigoulot, Henrique Sequeira, Salvatore Campanella, Université Catholique de Louvain, Louvain-La-Neuve, Belgium

414 MT-PM

Brain volumes and Val66Met polymorphism of the BDNF gene in major depressive disorder

Narcís Cardoner, Virginia Soria, Rosa Hernández-Ribas, Mónica Gratacós, Jesus Pujol, Marina López-Solà, Joan Deus, Mikel Urretavizcaya, Xavier Estivill, José Manuel Menchón, Carles Soriano-Mas, Department of Psychiatry, Bellvitge University Hospital-IDIBELL, Barcelona, Spain

416 MT-PM

Brain areas related to remission of major depressive disorder - the NESDA longitudinal fMRI study

Esther Opmeer, Rudie Kortekaas, Liliana Demeuscu, Marie-José van Tol, Mark Van Buchem, Nic van der Wee, Dick Veltman, André Aleman, BCN-NIC, Department of Neuroscience, University Medical Center Groningen, Groningen, Netherlands

418 MT-PM

**Neural basis of emotion regulation through distraction:
What Hypomanic Personality teaches us**

Janine Heissler, Sandra Schönfelder, Michèle Wessa,
Philipp Kanske, Central Institute of Mental Health,
Mannheim, Germany

420 MT-PM

**Voxel-based analysis and TBSS in individuals at high genetic
risk for bipolar disorder**

Emma Sprooten, Jessika Sussmann, April Clugston, William
Moorhead, Mark Bastin, Jeremy Hall, Eve Johnstone,
Stephen Lawrie, Andrew McIntosh, University of Edinburgh,
Edinburgh, United Kingdom

422 MT-PM

**Performance Monitoring and Learning in
Obsessive-Compulsive Disorder**

Tanja Endrass, Christian Kaufmann, Anja Riesel, Svenja
Köhne, Julia Steudte, Miriam Seebold, Norbert Kathmann,
Humboldt-Universität zu Berlin, Berlin, Germany

424 MT-PM

**Reduced Connectivity in Left Precuneus in Unipolar
Depression with Deficiency Syndrome**

Feng Xue, Li Li, Yu Han, Xuemei Lei, Jin Li, Ruiwang
Huang, Qi Dong, National Key Laboratory of Cognitive
Neuroscience and Learning, Beijing Normal University,
Beijing, China

426 MT-PM

**Default Mode Network Differences Between Unmedicated
Bipolar Depression and Unipolar Depression**

Amit Anand, Harish Karne, Mario Dzemidzic, Department
of Psychiatry and Radiology, Indiana University School of
Medicine, Indianapolis, United States

428 MT-PM

**Effects of Juvenile Fluoxetine Treatment on Brain Development
in Mother and Peer Reared Monkeys**

Eric Nelson, Amanda Hathaway, Pamela Noble, James
Winslow, Daniel Pine, National Institute of Mental Health,
Bethesda, United States

430 MT-PM

Influence of trait anxiety on brain morphometry

Jen Labus, David Seminowicz, Kirsten Tillisch, Joshua
Bueller, Bruce Naliboff, M. Catherine Bushnell, Emeran
Mayer, UCLA, Los Angeles, United States

432 MT-PM

**Relationship of amygdala volume, trauma, and BDNF
genotype in twins with and without depression**

Natasha Marrus, Vesselin Chorbv, Melissa Munn-Chernoff,
Richard Todd, Elizabeth Lobos, Alexandre Todorov, Casey
Babb, Tom Nishino, Kelly Botteron, Washington University
in St. Louis School of Medicine, Saint Louis, United States

434 MT-PM

**Distinct cortico-striatal functional connectivity alternations
during the onset of symptoms in obses**

Jeonghun Ku, Hyeongrae Lee, Eun Lee, Kyung Ran Kim,
Kyungun Jhung, Se Joo Kim, Kee Namkoong, kang jun
yoon, Sun I. Kim, Hanyang University, Seoul, Korea,
Republic of

436 MT-PM

**Structural differences between early-onset and late-onset
depression:a voxel-based-morphometry study**

Diana Bezerra, Renata Avila, Salma Ribeiz, Marco Moscoso,
Fabio Duran, Geraldo Busatto, Cássio Bottino, USP,
Sao Paulo, Brazil

438 MT-PM

**Insular Cortex in Early Onset Major Depression:
A Twin MRI Investigation**

Lauren Botteron, Tim Xu, Eric Potter, Lisa Lake, Carolyn
Kienstra, Tom Nishino, J. Tilak Ratnanather, Michael Miller,
Kelly Botteron, Washington University School of Medicine,
St. Louis, United States

440 MT-PM

**Proton MRS of the hippocampus and ACC in recurrent unipolar
depression: results from 176 subjects**

Philipp Sämann, David Hoehn, Timo Schirmer, Florian
Holsboer, Michael Czisch, Max Planck Institute of
Psychiatry, Munich, Germany

442 MT-PM

**Neural correlates of altered anticipatory reward and
punishment processing in depressed patients**

Bettina Ubl, Carsten Diener, Christine Kühner, Peter Kirsch,
Herta Flor, Central Institute for Mental Health, Mannheim,
Germany, Mannheim, Germany

DISORDERS OF THE NERVOUS SYSTEM

Parkinson's Disease

444 MT-PM

**GM atrophy and WM lesion volume predict cognitive decline
in patients with Parkinson's disease**

Katrin E Morgen, Gebhard Sammer, Behrem Aslan, Lena
Weber, Clemens Mueller, Georg Bachmann, Matthias
Oechsner, Dieter Vaitl, Manfred Kaps, Iris Reuter,
Department of Neurology, Giessen University, Giessen,
Germany

446 MT-PM

**The effect of self-generated musical cue on rhythm formation
in patients with Parkinson's disease**

Shizuka Uetsuki, Hiroshige Jinnouchi, Hiroshi Okano,
Satoshi Obata, Nobuya Sato, Tatsuya Kakigi, Hiroshi
Kinoshita, Kazumasa Yokoyama, Hyogo Nishiharima
Rehabilitation Center, Tatsuno, Japan

448 MT-PM

Early alterations in brain functional networks during memory retrieval task in Parkinson's disease

Naroa Ibarretxe-Bilbao, Mojtaba Zarei, Carme Junque, Maria Jose Marti, Pere Vendrell, Francesc Valldeoriola, Nuria Bargallo, Eduardo Tolosa, University of Barcelona, BARCELONA, Spain

450 MT-PM

L-dopa effects on brain activity patterns during a finger-movement task in Parkinson's patients

Kristina Martinu, Clotilde Degroot, Oury Monchi, Montreal Geriatric's Institute, University of Montreal, Montréal, Canada

452 MT-PM

Diffusion Tensor Imaging (DTI) in idiopathic REM sleep behavior disorder (iRBD)

Marcus Belke, Marcus Unger, Katja Menzler, Johannes Heverhagen, Boris Keil, Karin Stiasny-Kolster, Felix Rosenow, Nico Diederich, Geert Mayer, Carsten Möller, Wolfgang Oertel, Susanne Knake, University of Marburg, Marburg, Germany

454 MT-PM*

Investigating Parkinson's disease using rotating frame MRI (0-W2)

Silvia Mangia, Paul Tuite, Tim Hanson, Igor Nestrasil, Shalom Michaeli, University of Minnesota, Minneapolis, United States

456 MT-PM*

Mapping cortico-subthalamic coherence using simultaneous MEG and intracranial recordings (0-Th4)

Vladimir Litvak, Ashwani Jha, Alexandre Eusebio, Robert Oostenveld, Gareth Barnes, Thomas Foltynie, Patricia Limousin, Ludvic Zrinzo, Marwan Hariz, Karl Friston, Peter Brown, UCL Institute of Neurology, London, United Kingdom

458 MT-PM

Deformation Field Morphometry in Spinocerebellar Ataxia Type 3

Martina Minnerop, Peter Pieperhoff, Ullrich Wuellner, Thomas Klockgether, Katrin Amunts, Research Centre Juelich, INM-1, Juelich, Germany

460 MT-PM

Regional White Matter Degeneration in pre-symptomatic and early symptomatic Huntington's Disease

India Bohanna, Gary Egan, Sarah-Pia Carron, Julie Stout, Andrew Churchyard, Phyllis Chua, Ellen Frajman, Nellie Georgiou-Karistianis, Howard Florey Institute, Carlton, Australia

462 MT-PM

Hyperactive output from the SMA to the M1 cortices in Parkinson's disease demonstrated by rTMS

Nakao Ota, Hiroshi Kawaji, Chikanori Inenaga, Kenji Sugiyama, Toshihiko Ohashi, Tokutaro Tanaka, Seirei Hamamatsu General Hospital, Hamamatsu, Japan

464 MT-PM

Neural substrates of acupuncture effect in Parkinson's disease

Younbyoung Chae, Hi-Joon Park, Hyejung Lee, Kyung Hee University, Seoul, Korea, Republic of

466 MT-PM

Interpretation of arterial spin labeling (ASL) MRI perfusion deficits in Parkinson's disease

Tracy Melzer, Richard Watts, Michael MacAskill, Ross Keenan, Ajit Shankaranarayanan, David Alsop, Charlotte Graham, Leslie Livingston, John Dalrymple-Alford, Tim Anderson, Van der Veer Institute/University of Otago, Christchurch, New Zealand

468 MT-PM

Sensorimotor Cortical Changes After Botulinum Toxin Therapy For Cervical Dystonia: An FMRI Study

Petr Hluštík, Robert Opavský, Pavel Otruba, Roman Herzig, Petr Ka ovský, Palacky University, Olomouc, Czech Republic

470 MT-PM

Magnetic resonance imaging of cerebral baseline perfusion in preclinical Huntington's disease

Robert Christian Wolf, Nenad Vasic, Fabio Sambataro, Nadine Osterfeld, G. Bernhard Landwehrmeyer, Michael Orth, University of Ulm, Ulm, Germany

472 MT-PM

Meta-analysis of VBM imaging studies in Huntington's disease

Imis Dogan, Simon Eickhoff, Peter Fox, Angela Laird, Jörg Schulz, N. Jon Shah, Kathrin Reetz, Department of Neurology, University Hospital RWTH Aachen, Aachen, Germany

474 MT-PM

Corpus callosum FA differentiates Parkinson's disease with dementia from Dementia with Lewy Bodies

Cristina Sanchez-Castaneda, Ramón Reñe, Jaume Campdelacreu, Matilde Calopa, Naroa Ibarretxe-Bilbao, Jordi Gascón, Serge Jauma, Montserrat Juncadella, Carme Junque, University of Barcelona, Barcelona, Spain

476 MT-PM

Image-HD: A Functional MRI study of Spatial Working Memory in Huntington's disease

Nellie Georgiou-Karistianis, Sarah-Pia Carron, India Bohanna, Julie Stout, Andrew Churchyard, Phyllis Chua, Ellen Frajman, Gary Egan, Monash University, Clayton, Australia

478 MT-PM

Cholinergic Impairment in Progressive Neurodegenerative Disorders: a Molecular and Structural Study

Joachim MAZERE, Wassilios Meissner, Olivier Periot, Igor Sibon, Willy Mayo, Olivier Barret, Denis Guilloteau, François Tison, Michele Allard, CHU de Bordeaux, Bordeaux, France

480 MT-PM

Multi Contrast VBM to Characterise the Olfactory Tract in Patients with Parkinson's Disease

Maryam Abaei, Vamsi Gontu, Narinder Bajaj, Dorothee Auer, Academic Radiology, Nottingham University, Nottingham, United Kingdom

482 MT-PM

Parkinson's disease: The inexperienced brain?

Jolyn D'Andrea, Angela Haffenden, Sara Furtado, Oksana Suchowersky, Bradley Goodyear, University of Calgary, Calgary, Canada

484 MT-PM

Resting-state functional connectivity in focal hand dystonia

Leighton Hinkley, Kelly Westlake, Rebecca Dolberg, Anne Findlay, Nancy Byl, Srikantan Nagarajan, University of California, San Francisco, San Francisco, United States

486 MT-PM

Functional Connectivity of the Supplementary Motor Area in Normal Pressure Hydrocephalus

Shereen Chaudhry, Daniel Margulies, Joachim Böttger, Christine Szkuclarek, Hannah Knaus, Peter Horn, Florian Freimann, Christian Sprung, Kaspar-Josche Streitberger, Ingolf Sack, Peter Vajkoczy, Arno Villringer, Alexander Abbushi, The Berlin School of Mind and Brain, Berlin, Germany

488 MT-PM

An Imaging Analysis of Parkinsonian Gait and Postural Instability

Patrick Schweder, Peter Hansen, Alex Green, Ruxandra Mutihac, Gerardine Quaghebeur, Tipu Aziz, University of Oxford, Department of Neurosurgery, Oxford, United Kingdom

DISORDERS OF THE NERVOUS SYSTEM

Schizophrenia

490 MT-PM

Altered Ventral Striatal Activity During Positive and Negative Prediction-Errors In Schizophrenia

Richard Morris, Ans Vercammen, Rhoshel Lenroot, Jayashri Kulkarni, Vaughan Carr, Cynthia Shannon Weickert, Thomas Weickert, Prince of Wales Medical Research Institute, St Pauls Randwick, Australia

492 MT-PM

An MEG study on auditory verbal hallucinations in schizophrenia patients

Remko van Lutterveld, Arjan Hillebrand, Cornelis Stam, Rene Kahn, Iris Sommer, Neuroscience Division, University Medical Center Utrecht, Utrecht, Netherlands

494 MT-PM

Activation Likelihood Estimation Meta-Analysis of Executive Functioning in Schizophrenia Relatives

Vina Goghari, University of Calgary, Calgary, Canada

496 MT-PM

Neural network dysfunction during spatial working memory in first-degree relatives of schizophrenia

Jung-Seok Choi, Ji-Young Park, Myung Hun Jung, Do-Hyung Kang, Joon Hwan Jang, Chi-Hoon Choi, Jun Soo Kwon, SMG-SNU Boramae Medical Center, Seoul, Korea, Republic of

498 MT-PM

Hippocampal and amygdalar local structural differences in elderly patients with schizophrenia

Marina Boccardi, Enrica Cavedo, Annapaola Prestia, Georg Northoff, Andrea Adorni, Cristina Geroldi, Matteo Bonetti, Paul Thompson, Giovanni Battista Frisoni, IRCCS S.Giovanni di Dio - Fatebenefratelli, Brescia, Italy

500 MT-PM

Epistatic Effects Between DAAO And G72 In Patients With Schizophrenia And Bipolar Disorder

Andrea Mechelli, Sergio Papagni, Diana Prata, Joseph Kambeitz, Cindy Fu, Marco Picchioni, Timothea Touloupoulou, Elvira Bramon, Muriel Walshe, Robin Murray, David Collier, Philip McGuire, Institute of Psychiatry, King's College London, London, United Kingdom

502 MT-PM

The effect of Neurogranin on neural correlates of episodic memory encoding and retrieval

Axel Krug, Sören Krach, Markus Nöthen, Marcella Rietschel, Tilo Kircher, Philipps-University Marburg, Marburg, Germany

504 MT-PM

No Deviant Activation during Verbal Fluency in Non-Psychotic subjects with Auditory Hallucinations

Kelly Diederer, Antoin de Weijer, Kirstin Daalman, Sebastiaan Neggers, Rene Kahn, Iris Sommer, Neuroscience Division, University Medical Center Utrecht, Utrecht, Netherlands

506 MT-PM

Cognition emotion interactions and negative symptoms in schizophrenia

Cameron Carter, Stefan Ursu, Ann Kring, j. dan ragland, jong yoon, michael minzenberg, Marjorie Solomon, Department of Psychiatry and Behavioral, Sacramento, United States

508 MT-PM

Morphometric Abnormalities of Late-onset Schizophrenia

Kazuteru Egashira, Koji Matsuo, Toshinari Mihara, Masayuki Nakano, Mami Nakashima, Toshio Matsubara, Matakazu Furukawa, Naofumi Matsunaga, Yoshifumi Watanabe, Yamaguchi University Graduate School of Medicine, Ube, Japan

510 MT-PM

Probabilistic Reversal Learning in Schizophrenia: A simultaneous event-related fMRI and EEG study

Alexander Nitsch, Johannes Hewig, Kathrin Koch, Claudia Schachtzabel, Ralf Schlösser, Gerd Wagner, Wolfgang Miltner, Thomas Straube, University of Jena, Jena, Germany

512 MT-PM

Emotion Processing in Schizophrenia: Amygdala Recruitment Under Conditions of Minimal Cognitive Load

Alan Anticevic, Grega Repovs, Todd Braver, Deanna Barch, Washington University in St. Louis, St. Louis, United States

514 MT-PM

FreeSurfer-Initiated Volumetric Analysis of the Subcortex in Childhood-onset Schizophrenia

Anand Mattai, Brian Weisinger, Deanna Greenstein, Avinash Hosanagar, François Lalonde, Judith Rapoport, Nitin Gogtay, NIH, Rockville, United States

516 MT-PM

Effect of antipsychotic drugs on cortical thickness: one-year follow-up study

Roberto Roiz-Santiañez, Rocío Perez-Iglesias, Diana Tordesillas-Gutierrez, Ignacio Mata, Victor Garcia de la Foz, Rafael Tabarés-Seisdedos, Eva Ruiz-perez, Benedicto Crespo-Facorro, Dept. of Psychiatry, University Hospital Marqués de Valdecilla. CIBERSAM, University of Cantabria, Santander, Spain

518 MT-PM

Prediction error and psychosis: Mesocorticolimbic responses predict aberrant percepts and beliefs

Philip Corlett, Danielle Turner, Steven Dakin, Fernando Sergio Arana, Mike Aitken, Anthony Dickinson, Anthony Absalom, Barry Everitt, Jane Taylor, John Krystal, Paul Fletcher, Yale University, New Haven, United States

520 MT-PM

Cortical thinning patterns in subtypes of schizophrenia based on neuropsychological performance

Derin Cobia, John Csernansky, Lei Wang, Northwestern University Feinberg School of Medicine, Chicago, United States

522 MT-PM

N1m as a sensitive marker for ultra-high-risk for schizophrenia; an MEG study

Kyung Soon SHIN, June Sic Kim, Do-Hyung Kang, Yuri KOH, Joon Hwan Jang, Kwang-Hyun Cho, Brian O'Donnell, Chun Kee Chung, Jun Soo Kwon, Clinical Cognitive Neuroscience Center, Neuroscience Institute, SNU-MRC, Seoul, Korea, Republic of

524 MT-PM

An fMRI Investigation of Contextual Binding and Hippocampal Activity in Schizophrenia

Andrée-Anne Ledoux, Jennifer L. Phillips, Andra Smith, Véronique D. Bohbot, Patrice Boyer, University of Ottawa School of Psychology, Ottawa, Canada

526 MT-PM

Changes in the cerebro-cerebellar neurocircuitry of verbal working memory in Schizophrenia

Kayako Matsuo, S.H. Annabel Chen, Pin-Yu Chen, Su-Chun Huang, Chiao-Yi Wu, Chih-Min Liu, Chen-Chung Liu, Hai-Go Hwu, Wen-Yih Isaac Tseng, Center for Optoelectronic Biomedicine, National Taiwan University College of Medicine, Taipei, Taiwan, Republic of China

528 MT-PM

Neural Correlates of Alerting in the Human 5HT2A Agonist and NMDA Antagonist Model of Psychosis

Daniel Wagner, Euphrosyne Gouzoulis-Mayfrank, Karsten Heekeren, Christiane Thiel, Joerg Daumann, University of Cologne, Cologne, Germany

530 MT-PM

EEG-fMRI in patients with schizophrenia

Christoph Mulert, Gregor Leicht, Georg Juckel, Igor Hermisson, Irmgard Hantschk, Ulrich Hegerl, Oliver Pogarell, Susanne Karch, University of Hamburg, Hamburg, Germany

532 MT-PM

Abnormal coupling in the default-mode network in unaffected siblings of schizophrenia patients

Mariët van Buuren, Matthijs Vink, Rene Kahn, Rudolf Magnus Institute of Neuroscience, University Medical Center Utrecht, Utrecht, Netherlands

534 MT-PM

Negative Correlation between Age and FA Values in First-Episode Schizophrenia

Claudia Cullell March, Soledad Romero Cela, Carles Falcon, Immaculada Baeza, Elena De la Serna, Nuria Bargallo, Josefina Castro-Fornieles, CIBERSAM, BARCELONA, Spain

536 MT-PM

Early visual deficits in the schizophrenia spectrum: ERP in schizotypy

Ivan Koychev, Wael El-Deredy, Corinna Haenschel, Bill Deakin, University of Manchester, Manchester, United Kingdom

538 MT-PM

Event-related graph analysis of cognitive control networks in first episode schizophrenia

Alex Fornito, Jong Yoon, Alana Firl, Renata Ooms, Ed Bullmore, Cameron Carter, University of Cambridge, Cambridge, United Kingdom

540 MT-PM

The Neural Responses to Feedback Information Produced by Self-generated or Other-generated Decision

Atsuhito Toyomaki, Yui Takahashi, Harumitsu Murohashi, Ichiro Kusumi, Tsukasa Koyama, Hokkaido university, Sapporo, Japan

542 MT-PM

Do differences in myelin underlie schizotypal personality?

Katrina McMullen, Emma Barkus, Shannon Kolind, Sean Deoni, Institute of Psychiatry, London, United Kingdom

544 MT-PM

Reduced auditory evoked gamma band response in unmedicated first-episode patients with schizophrenia

Gregor Leicht, Susanne Karch, Rebecca Schennach-Wolff, Evangelos Karamatskos, Hans-Jürgen Möller, Oliver Pogarell, Christoph Mulert, Department of Psychiatry, UKE Hamburg, Hamburg, Germany

546 MT-PM

Preservation of the functional anatomical distinction between truth and lies in schizophrenia

Catherine Kaylor-Hughes, Lankappa Sudheer, Robert Fung, Alexandra Hope-Urwin, Iain Wilkinson, Sean Spence, SCANLab, Academic Clinical Psychiatry, University of Sheffield, Sheffield, United Kingdom

548 MT-PM

Medial prefrontal cortex pathology in schizophrenia: convergent findings from multimodal imaging

Edith Pomarol-Clotet, Erick Canales-Rodríguez, Raymond Salvador, Salvador Sarró, Jesús Gomar, Fidel Vila, Jordi Ortiz-Gil, Yasser Iturria-Medina, Antoni Capdevila, Peter McKenna, Benito Menni Complex Assistencial en Salut Mental, CIBERSAM, Barcelona, Spain

550 MT-PM

Impaired gating of information but normal task-switching abilities in schizophrenic patients

Mareike Finke, Francisco Barcelo, Gemma Garrido, Maite Garolera, Marta Pajares, Carles Escera, Institute for Brain, Cognition and Behavior (IR3C), University of Barcelona, Catalonia-Spain, Barcelona, Spain

552 MT-PM

Changes in small-world and long-distance structural connectivity in Schizophrenia

Sharmili Sritharan, Marcus Kaiser, Anna Rotarska-Jagiela, Konrad Maurer, Wolf Singer, Peter Uhlhaas, Max Planck Institute for Brain Research, Frankfurt am Main, Germany

554 MT-PM*

Genetic variation in NOS1 predicts presynaptic dopamine synthesis (O-T2)

Daniel Eisenberg, Joseph Masdeu, Philip Kohn, Erica Baller, Angela Ianni, Tiffany Nash, Bhaskar Kolachana, Daniel Weinberger, Karen Berman, National Institutes of Health, Bethesda, United States

556 MT-PM

A diffusion tensor imaging study of white matter integrity in violent offenders with schizophrenia

Junmei Hu, Danlin Shen, Xiaoqi Huang, Xiuli Li, Fei Li, Qiyong Gong, School of Basic Medical Science and Forensic Medicine, Sichuan University, Chengdu, China

558 MT-PM

Altered default-mode network activity in schizophrenia: a resting state fMRI study

Gianluca Mingoia, Gerd Wagner, Kerstin Langbein, Sigrid Scherpiet, Ralf Schloesser, Christian Gaser, Heinrich Sauer, Igor Nenadic, Department of Psychiatry, Friedrich-Schiller University of Jena, Jena, Germany

560 MT-PM

Identification of Aberrant Functional Connectivity Patterns for Schizophrenia Diagnosis

Yong Fan, Yong Liu, Yihui Hao, Haihong Liu, Zhening Liu, Tianzi Jiang, National Laboratory of Pattern Recognition, Institute of Automation, Chinese Academy of Sciences, Beijing, China

562 MT-PM

Neurobiological changes in facial emotion processing in early-onset schizophrenia

Nina Seiferth, Katharina Pauly, Thilo Kellermann, N. Jon Shah, Gudrun Ott, Beate Herpertz-Dahlmann, Tilo Kircher, Frank Schneider, Ute Habel, Department of Psychiatry, Charité - University Medicine Berlin, Berlin, Germany

564 MT-PM

The effects of aripiprazole and haloperidol on cognition and brain activation in healthy volunteers

rowena handley, A.A.T.Simone Reinders, Tiago Reis Marques, Heather Taylor, Owen O'Daly, Christopher Chaddock, Philip McGuire, Robin Murray, Shitij Kapur, Steve Williams, Carmine Pariante, Paola Dazzan, Institute of Psychiatry, London, United Kingdom

566 MT-PM

A fMRI study of the cortical response to external speech in hypnagogic and hypnopompic hallucinators

Lourence Lewis-Hanna, Michael Hunter, Iain Wilkinson, Peter Woodruff, SCANLab, Academic Clinical Psychiatry, University of Sheffield, Sheffield, United Kingdom

568 MT-PM

Effect of Substance Use on Structural Abnormalities in Schizophrenia as Measured by VBM

Matthew Schroeder, Matthew Smith, Lei Wang, John Csernansky, Northwestern University, Chicago, United States

570 MT-PM

Gray and white matter volumes in 40 Brodmann cortical areas in acute and chronic schizophrenia

Panagiotis Roussos, Erin Hazlett, M Haznedar, Jason Schneiderman, King-Wai Chu, Joseph Friedman, Cheuk Tang, Monte Buchsbaum, Mount Sinai School of Medicine, New York, United States

572 MT-PM

Theory of Mind Paradigm in Magnetoencephalography for Schizophrenia

Sungwon Park, Sanghyun Lim, Kiwoong Kim, Hyukchan Kwon, Yong-Ho Lee, University of Hannam, Daejeon, Korea, Republic of

574 MT-PM

Cortical thickness and subcortical volumes in schizophrenia and bipolar disorder

Lars Rimol, Cecilie Hartberg, Ragnar Nesvåg, Christine Fennema-Notestine, Donald Hagler, Chris Pung, Robin Jennings, Unn Haukvik, Elisabeth Lange, Per Nakstad, Ingrid Melle, Ole Andreassen, Anders Dale, Ingrid Agartz, Department of Psychiatry, Section Vinderen, University of Oslo, Oslo, Norway

576 MT-PM

fMRI and evidence-accumulation modelling of intact task-switching performance in schizophrenia

Sharna Jamadar, Christopher Donkin, Andrew Heathcote, Patricia Michie, Frini Karayanidis, University of Newcastle, Callaghan, Australia

578 MT-PM

Structural changes of temporal lobe regions in bipolar disorder and schizophrenia patients

JaeHo Sohn, Britni Crocker, Dominic Pisano, Clare Poynton, Nancy Honeycutt, Elvan Ceyhan, Patrick Barta, Tilak Ratnanather, Center for Imaging Science, Johns Hopkins University, Baltimore, United States

580 MT-PM

Decisions to trust elicit medial prefrontal activity in persecuted and non-persecuted schizophrenia

Edward Patzelt, Melissa Johnson, Angus MacDonald, University of Minnesota, Minneapolis, United States

582 MT-PM

Genetic liability to schizophrenia as measured by diffusion tensor imaging

Kristi Clark, Keith Nuechterlein, Robert Asarnow, Liberty Hamilton, Owen Phillips, Nathan Hageman, Roger Woods, Jeffrey Alger, Arthur Toga, Katherine Narr, UCLA, Los Angeles, United States

584 MT-PM

An fMRI study of emotion processing in schizophrenia and bipolar disorder

Amy Jimenez, Katie Karlsgodt, Tyler Lesh, Rachel Higier, Dylan Gee, Anna Xu, Christina Hultman, Matthew Lieberman, Martin Ingvar, Tyrone Cannon, University of California, Los Angeles, Los Angeles, United States

OTHER

586 MT-PM

Genetically Determined Measures Of Striatal D2 Signaling Predict Prefrontal Activity During Working

Paolo Taurisano, Leonardo Fazio, Nicola Pisciotta, Giuseppe Blasi, Raffaella Romano, Fabio Sambataro, Barbara Gelao, Madia Lozupone, Annabella Di Giorgio, Luciana Lo Bianco, Gianluca Ursini, Lorenzo Sinibaldi, Teresa Popolizio, Wolfgang Sadee, Giuseppe Rubini, Alessandro Bertolino, Department of Neurology and Psychiatry, University of Bari, Bari, Italy

588 MT-PM

Sex-based differences in cortical thickness in middle-aged and older adults: PATH Through Life Study

Prapti Gautam, Nicolas Cherbuin, Kaarin Anstey, Wei Wen, Perminder Sachdev, Australian National University, Canberra, Australia

DISORDERS OF THE NERVOUS SYSTEM

Stroke and Recovery of Function

590 MT-PM

Age, Aphasia Type and Lesion Location in Left Hemisphere Stroke Patients

And Turken, Nina Dronkers, Veterans Affairs Northern California Health Care System, Martinez, United States

592 MT-PM

Longitudinal reorganization of cortical connectivity in the motor system after stroke

Anne Rehme, Simon Eickhoff, D Yves von Cramon, Gereon Fink, Christian Grefkes, Max-Planck-Institute for neurological Research, Cologne, Germany

594 MT-PM

Early fMRI activations predict language recovery after stroke

Dorothee Saur, Olaf Ronneberger, Dorothee Kümmerer, Irina Mader, Cornelius Weiller, Stefan Klöppel, University Medical Center Freiburg, Freiburg, Germany

596 MT-PM

Effects of training on activation in early visual field maps in patients with cerebral blindness

Mathijs Raemaekers, Douwe Bergsma, Richard van Wezel, Bert van den Berg, Gerjan van der Wildt, Helmholtz Institute, Utrecht, Netherlands

598 MT-PM*

Degeneration of corpus callosum and corticospinal tract relates to recovery of function after stroke (O-W2)

Ling Wang, Marc Tittgemeyer, Davide Imperati, Svenja Diekhoff, Mitra Ameli, Gereon Fink, Christian Grefkes, Cognitive Neurology (INM-3), Institute of Neuroscience and Medicine, Research Centre Juelich, Juelich, Germany

600 MT-PM

Auditory processing in the normal and damaged brain

Thomas Schofield, Cathy Price, Will Penny, Klaas Stephan, Karl Friston, Alexander Leff, The Wellcome Trust Centre for Neuroimaging, London, United Kingdom

602 MT-PM

Functional Correlates of Secondary Cortical Degeneration in Chronic Striatal-Capsular Stroke

Elham zareh, Morgan Hough, Todd Parrish, Helen Dawes, Hooshang Izadi, Mojtaba Zarei, Oxford Brookes university, OXFORD, United Kingdom

604 MT-PM

Changes in Red Nucleus after Pyramidal Tract Injury in Cerebral

Sang Seok Yeo, Su Min Son, Ji Heon Hong, Yoon Woo Cho, Sang Ho Ahn, Sung Ho Jang, Department of Physical Medicine and Rehabilitation, College of Medicine, Yeungnam University, Daegu, Korea, Republic of

606 MT-PM

Resting State Functional Connectivity of Sensory Networks After Cortical and Subcortical Lesions

Louise Bannister, Maria Gavrilescu, Sheila Crewther, Leanne Carey, La Trobe University, Melbourne, Australia

608 MT-PM

Predicting Aphasia Treatment Outcome with Structural and Functional MRI

Julius Fridriksson, Astrid Fridriksson, University of South Carolina, Columbia, United States

610 MT-PM

Task-related Connectivity of Sensory Networks after Cortical and Subcortical Somatosensory Lesions

Leanne Carey, Bonnie Alexander, Louise Bannister, Maria Gavrilescu, National Stroke Research Institute, Melbourne, Australia

612 MT-PM

Regional cerebral glucose metabolism in the minimally conscious state

Marie-Aurélie Bruno, Roland Hustinx, Melanie Boly, Steve Majerus, Murielle Kirsch, Audrey Vanhaudenhuyse, Olivia Gosseries, Pierre Boveroux, Caroline Schnakers, Camille Chatelle, Gustave Moonen, Steven Laureys, Coma Science Group, Cyclotron Research Center and CHU, Liège, Belgium, Liège, Belgium

614 MT-PM

Gray matter atrophy related to deep white matter lesions severity

Juan José Soriano, Júlia Miralbell, Elena López-Cancio, Nuria Bargallo, Juan Francisco Arenillas, Xavier Caldú, Cynthia Cáceres, Maite Barrios, Maite Alzamora, Guillem Pera, Pere Toran, Antoni Dávalos, Maria Mataró, University of Barcelona, Barcelona, Spain

616 MT-PM

Sub-acute default mode network dysfunction predicts post-stroke depression severity

Igor Sibon, Saïoa Lagadec, Bixente Dilharreguy, Pauline Renou, Rouanet Francois, Jean-Marc Orgogozo, Michele Allard, CHU Bordeaux, Bordeaux, France

618 MT-PM

Neural Correlates of Driving in a Virtual Reality Environment

Karen Kan, Fred Tam, Simon Graham, Tom Schweizer, University of Toronto, Toronto, Canada

620 MT-PM

Predicting functional potential in stroke using DTI: Corticospinal and transcallosal motor tracts

Robert Lindenberger, Lin Zhu, David Alsop, Schlaug Gottfried, BIDMC / Harvard Medical School, Boston, United States

622 MT-PM

Exploratory SEM reveals altered resting-state motor control network connectivity following stroke

Cory Inman, George Andrew James, Stephan Hamann, Justin Rajendra, Guiseppe Pagnoni, Andrew Butler, Emory University, Decatur, United States

EMOTIONS AND MOTIVATION

Reward

624 MT-PM

The Relationship of Body Mass Index to Neural Activity: A Meta-Analysis

Shereen Chaudhry, Jane Neumann, Arno Villringer, Daniel Margulies, The Berlin School of Mind and Brain, Berlin, Germany

626 MT-PM

Finding Neural Substrates for Motivation

Reza Momenan, Grace Baik, Daniel Hommer, NIH, Bethesda, United States

628 MT-PM

DLPFC shows the same 'promptness premium' as limbic system in monetary incentive task

Shan Luo, George Ainslie, Lisa Giragosian, John Monterosso, University of Southern California, Los Angeles, United States

630 MT-PM

Neural activations associated with the effect of monetary reward on intrinsic motivation

Keita Miki, Atsushi Sekiguchi, Motoaki Sugiura, Yuko Akitsuki, Takashi Tsukiura, Yukihito Yomogida, Ryuta Kawashima, School of Medicine, Tohoku University, Sendai, Japan

632 MT-PM

Altered neural activity during cool and hot executive functioning in medication naïve ADHD adults

Susanna Carmona, Eline Hoekzema, Antoni Ramos, Mariana Rovira, Juan Carlos Soliva, Monica López, Antoni Bulbena, Oscar Vilarroya, Universidad Autónoma de Barcelona, Barcelona, Spain

634 MT-PM

The striatal response to positive prediction errors is significantly reduced in dependent smokers

Emma Rose, Thomas Ross, Betty Jo Salmeron, James Waltz, Mary Lee, Julie Schweitzer, Elliot Stein, Trinity College Dublin, Dublin, Ireland

636 MT-PM

Increased Striatum Activation in Males Relative to Females after Monetary Incentives during Gambling

Zdena Op de Macks, Bregtje Gunther Moor, Berna Güro lu, Serge A.R.B. Rombouts, Ronald Dahl, Eveline A. Crone, Leiden University, Netherlands, Leiden, Netherlands

638 MT-PM*

Characterization of Prediction Error Signals in the Ventral Tegmental Area under Variable Timings (0-T4)

Miriam Klein, Laurence Hunt, Dominik Bach, Raymond Dolan, Timothy Behrens, Sobell Department of Motor Neuroscience and Movement Disorders, University College London, London, United Kingdom

640 MT-PM

Effects of methylphenidate on the reward circuit in adults with ADHD – a fMRI study

Viola Jucksch, Anne Beck, Martina Streifling, Florian Schlagenhaut, Meline Stoy, Ulrike Lehmkuhl, Andreas Ströhle, Michael Huss, Harriet Salbach-Andrae, Charité - Universitätsmedizin Berlin, Berlin, Germany

642 MT-PM

Delay Discounting as Emotion: and event related potential study

Marianna Blackburn, Liam Mason, Nelson Trujillo-Barreto, Wael El-Deredy, University of Manchester, manchester, United Kingdom

644 MT-PM

Neural correlates of anticipating and avoiding aversive events

Ingeborg Bolstad, Gregory Reckless, Nils Sigvartsen, Andres Server, Ole Andreassen, Jimmy Jensen, Institute of Psychiatry, University of Oslo, Oslo, Norway

646 MT-PM

Motivational salience specifically modulates repetition suppression in the anterior hippocampus

Sarah Zweynert, Jan Philipp Pade, Torsten Wüstenberg, Constanze Seidenbecher, Emrah Duzel, Björn Schott, Charité University Hospital, Berlin, Germany

648 MT-PM

Within- and Cross-Participant Classifiers Reveal Different Neural Coding of Information

John Clithero, David V. Smith, R Carter, Scott Huettel, Duke University, Durham, United States

650 MT-PM

Anticipatory Responses to Reward Associated with OXT gene polymorphisms

Tiffany Love, Mary-Anne Enoch, Colin Hodgkinson, David Goldman, Jon-Kar Zubieta, University of Michigan, Ann Arbor, United States

652 MT-PM

DRD2 polymorphism predicts individual differences in DLPFC function during a reward anticipation task

Marta Pecina, Brian Mickey, Pei Hong Sheng, Heng Wang, Sara Wright, Scott Langenecker, David Goldman, Jon-Kar Zubieta, Molecular and Behavioral Neuroscience Institute, University of Michigan, Ann Arbor, United States

654 MT-PM

Choice from Non-Choice: The Neural Representation of Value in the Absence of Choice

Ifat Levy, Stephanie Lazzaro, Robb Rutledge, Paul Glimcher, Yale University School of Medicine, New Haven, United States

656 MT-PM

Functional Connectivity of Reward and Flavor Processing in Older Adults with Low and High BMI

Erin Green, Lori Haase, Claire Murphy, SDSU/UCSD Joint Doctoral Program in Clinical Psychology, San Diego, United States

658 MT-PM

Processing of Food Pictures: What makes the difference?

Sabine Frank, Naima Laharnar, Ralf Veit, Carlos Canova, Yiwen Li Hegner, Andreas Fritsche, Hubert Preissl, MEG-Center, University of Tübingen, Tübingen, Germany

660 MT-PM

The neural correlates of processing visual food cues: an ALE meta-analysis

Nynke van der Laan, Paul Smeets, Denise de Ridder, Max Viergever, University Medical Center Utrecht, Utrecht, Netherlands

662 MT-PM

Neuronal representation of liking and wanting as a function of hunger and satiety

Jurriaan Born, Sofie Lemmens, Mieke Martens, Elia Formisano, Rainer Goebel, Margriet Westerberp-Plantenga, Dept. of Human Biology, Maastricht University, Maastricht, Netherlands

664 MT-PM

Dopamine antagonists but not partial agonists reduce brain sensitivity to rewards

Stefano Palminteri, Yulia Worbe, Stephane Lehericy, Mathias Pessiglione, INSERM, Paris, France

666 MT-PM*

Exacerbated responses specific to monetary rewards in pathological gamblers (O-T4)

Guillaume Sescousse, Guillaume Barbalat, Philippe Domenech, Jean-Claude Dreher, 'Reward and decision making' group, Cognitive Neuroscience Centre, CNRS, Lyon, France

668 MT-PM

Hormonal Replacement Therapy modulates the reward system in early post-menopausal women

Julie Thomas, Elise Météreau, Michel Pugeat, Henri Déchaud, Jean-Claude Dreher, 'Reward and decision making' group, Cognitive Neuroscience Centre, CNRS, Lyon, France

670 MT-PM

Functional connectivity of reward prediction

Yoshihide Akine, Hajime Tabuchi, Kazushi Takahashi, Tatsuo Iwashita, Haruo Kashima, Norihiro Suzuki, Motoichiro Kato, Department of Neuropsychiatry, Keio University school of Medicine, Tokyo, Japan

672 MT-PM

Playing to avoid failure. The reward system involvement in subjective evaluation of game outcome

Krystyna Mathiak, Martin Klasen, Rene Weber, Sukhwinder Shergill, Klaus Mathiak, RWTH Aachen University, Aachen, Germany

674 MT-PM

Reward-system responses to violent and non-violent game events

Klaus Mathiak, Martin Klasen, Rene Weber, Michael Schwenzer, Mikhail Zvyagintsev, Krystyna Mathiak, RWTH Aachen University, Aachen, Germany

676 MT-PM

Detection of distributed 'reward' network activation in response to intravenous glucose using fMRI

Laurence Reed, Martin Whyte, Sarah Lee, Fernando Zelaya, Mick Brammer, Stephanie Amiel, Imperial College London, London, United Kingdom

678 MT-PM

An fMRI Study of Reward Processing and Adolescent Alcohol Use

Sara Langworthy, Ruskin Hunt, Stephen Malone, Kathleen Thomas, University of Minnesota, Minneapolis, United States

680 MT-PM

Volume of Nucleus Accumbens and Orbitofrontal Cortex is Related to Alcohol Use in Adolescents

Sara Langworthy, Amanda Hodel, Ruskin Hunt, Stephen Malone, Kathleen Thomas, University of Minnesota, Minneapolis, United States

682 MT-PM

Tracing Functional Relationships that Mediate Dopamine Release during Pleasurable Music Listening

Valorie Salimpoor, Mitchel Benovoy, Kevin Larcher, Alain Dagher, Robert Zatorre, Montreal Neurological Institute, McGill University; CIRMMT; BRAMS, Montreal, Canada

684 MT-PM

Brain Activations in Cocaine Abusers during Reward Processing Predict Treatment Outcome

Zhiru Jia, Patrick Worhunsky, Kathleen Carroll, Bruce Rounsaville, Michael Stevens, Godfrey Pearlson, Marc Potenza, Weill Cornell Medical College of Cornell University, White Plains, United States

686 MT-PM

Neural correlates of reward and punishment anticipation during decision-making under risk

Ramona Dinu-Biringer, Simone Lang, Marco Essig, Sven Barnow, University of Heidelberg, Institute of Psychology, Heidelberg, Germany

688 MT-PM

Non-inherited structural brain differences associated with BMI and restrained eating

Sonya Mehta, Thomas Grabowski, Ellen Schur, Integrated Brain Imaging Center, Departments of Radiology and Psychology, University of Washington, Seattle, United States

690 MT-PM

Conservation of Nucleus Accumbens activation during reward anticipation

Kacey Ballard, Brian Knutson, Stanford University, Stanford, United States

692 MT-PM

Dopamine receptor availability and modafinil's modulation of reinforcement learning fMRI signals

Dara Ghahremani, Buyean Lee, Golnaz Tabibnia, John Monterosso, David Jentsch, Russell Poldrack, Edythe London, UCLA, Los Angeles, United States

EMOTIONS AND MOTIVATION

Sexual Behavior

694 MT-PM

Blunted reward system activation to erotic stimuli under paroxetine compared to bupropion or placebo

Birgit Abler, Angela Seeringer, Antonie Hartmann, Georg Grön, Martin Walter, Coraline Metzger, Julia Kirchheiner, University of Ulm, Ulm, Germany

696 MT-PM

Sex-Linked White Matter Microstructure of the Social and the Analytic Brain

Kun-Hsien Chou, I-Yun Chen, Ya-Wei Cheng, Ching-Po Lin, Woei-Chyn Chu, National Yang-Ming University, Taipei, Taiwan, Republic of China

698 MT-PM

Shape processing of dressed and naked realistic woman bodies in male and female observers

Marzia Del Zotto, Alan Pegna, Geneva University Hospital and Neuroscience Center, Geneva, Switzerland

EMOTIONS AND MOTIVATION

Social Behavior

700 MT-PM

Modulation of empathic responses by social engagement and disengagement: an fMRI study

Susanne Leiber, Falk Eippert, Ralf Veit, Silke Anders, Laboratory for Social and Neural Systems Research, Zurich, Switzerland

702 MT-PM

Familiarity with the target of altruistic behavior affects altruistic motivation: an fMRI study

Mai Kutsukake, Yuko Akitsuki, Motoaki Sugiura, Takashi Tsukiura, Ryuta Kawashima, Tohoku University, Sendai, JAPAN, Japan

704 MT-PM

Racial attitudes influence the functional neuroanatomy of cultural imitative learning

Elizabeth Losin, Marco Iacoboni, Drew Morton, Kambria Nguyen, Mirella Dapretto, University of California, Los Angeles, Los Angeles, United States

706 MT-PM

Spontaneous and Intentional Trait Inferences recruit the Mentalizing Network to a Different Degree

Ning Ma, Frank Van Overwalle, Vrije Universiteit Brussel, Brussel, Belgium

708 MT-PM

Amygdalar Morphology in Offenders with Psychopathy

Marina Boccardi, Giovanni Battista Frisoni, Robert Hare, Enrica Cavedo, Pablo Najt, Michela Pievani, Paul Rasser, Mikko Laakso, Hannu Aronen, Eila Repo-Tiihonen, Olli Vaurio, Paul Thompson, Jari Tiihonen, IRCCS S.Giovanni di Dio - Fatebenefratelli, Brescia, Italy

710 MT-PM

Neural correlates of aggressive personality traits in healthy individuals assessed by FDG PET

Seong Ae Bang, Yu Kyeong Kim, Byung Chul Lee, Sang Eun Kim, Seoul National University College of Medicine, Seoul, Korea, Republic of

712 MT-PM

Attractiveness and trustworthiness judgments converge in amygdala: an ALE meta-analysis

Danilo Bzdok, Robert Langner, Florian Kurth, Ute Habel, Frank Schneider, Karl Zilles, Simon Eickhoff, Department of Psychiatry and Psychotherapy, RWTH Aachen University, Germany, Aachen, Germany

714 MT-PM

The neural system related to “vigilance for responses” during communication: fMRI study

Yutaro Sato, Hyeonjeong Jeong, Hiroshi Hashizume, Motoaki Sugiura, Ryuta Kawashima, Tohoku University, Sendai, Japan

716 MT-PM

Evaluating Pattern Recognition Methods in Psychopathy: a VBM Analysis

Joao Sato, Carlos Thomaz, Edson Amaro, Rodrigo Babilio, Ivanei Bramati, Ricardo Oliveira-Souza, Fernanda Tovar-Moll, Robert Hare, Jorge Moll, Federal University of ABC, Sao Paulo, Brazil

718 MT-PM

Neural correlates of dysfunctional behavioral tendencies in major depression

Birgit Derntl, Eva-Maria Seidel, Simon Eickhoff, Ruben Gur, Frank Schneider, Ute Habel, Faculty of Psychology, University of Vienna, Vienna, Austria

720 MT-PM

Anterior cingulate gyrus: Monitoring others' false-beliefs

Matt Apps, Robin Green, Narender Ramnani, Royal Holloway, University of London, Egham, United Kingdom

722 MT-PM

Nothing compared to comparisons! An fMRI study on the neural correlates of person comparison

Gayannee Kedia, Thomas Mussweiler, Paul Mullins, David Linden, Department Psychology, University of Cologne, Koeln, Germany

724 MT-PM

Neural responses to consumer brands detected using BOLD fMRI

Gemma Calvert, Kenji Onodera, Yukinori Ueshima, Andre Marquand, Mick Brammer, University of Warwick, Coventry, United Kingdom

726 MT-PM

Brain Mechanisms for Processing Social Exclusion and Rule Violation

Danielle Bolling, Naomi Pitskel, Benjamin Deen, Michael Crowley, Kevin Pelphrey, Yale Child Study Center, New Haven, United States

728 MT-PM

Neural Correlates of Voluntary Facial Movements

Martin Krippel, Ayoub Al-Hamadi, Bernd Michaelis, André Brechmann, University of Magdeburg, Magdeburg, Germany

730 MT-PM

Increased coupling between anterior temporal and septal-subgenual regions during experience of guilt

Sophie Green, Jorge Moll, Matt Lambon-Ralph, Emmanuel Stamatakis, Jordan Grafman, Roland Zahn, University of Manchester, Manchester, United Kingdom

732 MT-PM

I know How you are Feeling? An ERP Study

Chenyi Chen, Jean Decety, Yawei Cheng, Institute of Neuroscience, National Yang-Ming University, Taipei City, Taiwan, Republic of China

734 MT-PM

Implicit and Explicit Processing of Social Signals

Motoaki Sugiura, Yukihito Yomogida, Yoko Mano, Yuko Sassa, Toshimune Kambara, Atsushi Sekiguchi, Ryuta Kawashima, IDAC, Tohoku University, Sendai, Japan

736 MT-PM

Early parent-infant bonding: a behavioral-fMRI study

Shir Atzil, Talma Hendler, Daniella Perry, Ruth Feldman, Bar-Ilan University, Ramat-Gan, Israel

738 MT-PM

Test-Retest Reliability of a Neuroimaging Stress Battery

Lei Sheu, Ikechukwu Onyewuenyi, Sara Snyder, Pete Gianaros, University of Pittsburgh, Department of Psychiatry, Pittsburgh, United States

740 MT-PM

Processing social aspects of human gaze: A combined fMRI/DTI study

Thomas Ethofer, Markus Gschwind, Patrik Vuilleumier, University of Tuebingen, Dept. of Psychiatry and Psychotherapy, Tuebingen, Germany

742 MT-PM

Cerebral correlates of social competition behavior in healthy subjects: an fMRI study

Mircea POLOSAN, Emilie Cousin, Marcela Perrone, Cédric Pichat, Christoph SEGEBARTH, Monica Baciú, Thierry BOUGEROL, CHU Grenoble, France, Grenoble cedex 09, France

744 MT-PM

Affective and Cognitive Subcomponents of Theory of Mind

Dorothee Kübler, Maren Boddien, Johannes Heverhagen, Susanne Knake, Menzler Katja, Elke Kalbe, Richard Dodel, Sören Krach, Philipps University Marburg, Marburg, Germany

746 MT-PM

Ingroup bias in neural empathy predicts ingroup favoritism in costly helping

Grit Hein, Giorgia Silani, Kerstin Preuschoff, Daniel Batson, Tania Singer, University Zürich, Zürich, Switzerland

748 MT-PM

Reading the Mind in the Eyes: Neural Correlates and Developmental Trajectories

Bregtje Gunther Moor, Zdena Op de Macks, S.A.R.B. Rombouts, Berna Güro lu, Eveline A. Crone, Maurits Van der Molen, University of Amsterdam, Amsterdam, Netherlands

750 MT-PM

Are ethics really incompatible with strategic thinking?

Ricardo Caceda, George James, Andrew Bate, Timothy Ely, Diana Robertson, Rick Gilkey, Clint Kilts, Emory University, Decatur, United States

752 MT-PM

Reading minds from Chinese idioms revealed by event-related potentials

wei zheng, wen wang, na li, liang huang, jing liang, Academy of psychology and behavior, Tianjin Normal University, Tianjin, China

754 MT-PM

Can I feel your feelings? Our own feelings modulate reading others' emotions in eyes

na li, yiwen wang, Zheng Yuwei, Liang Huang, liang jing, Academy of psychology and behavior, Tianjin Normal University, Tianjin, China

756 MT-PM

Differential Empathetic Neural Responses in Competitive and Cooperative Contexts

Minhye Lee, SOON KOO KWON, Hyun Seon Ahn, Arum Noh, Mimi Bong, Sung-il Kim, Department of Education and bMRI (Brain and Motivation Research Institute), Korea University, Seoul, Korea, Republic of

758 MT-PM

The neural mechanisms by which testosterone acts on interpersonal trust

Peter Bos, Erno Hermans, Jack van Honk, Utrecht University, Utrecht, Netherlands

760 MT-PM

Neural substrates to enhance social relationships

Koji Kuraoka, Shinya Uchida, Katsuki Nakamura, Primates Research Institute, Kyoto University, Inuyama, Japan

762 MT-PM

Specific Belief and Desire States are Modulated within the Right Temporoparietal Junction

Charlotte Easter, Ian Apperly, Peter Hansen, University of Birmingham, Birmingham, United Kingdom

764 MT-PM

Neuroimaging of Ethnic Daemons – IAT of visually and verbally encoded stereotypes

Gadi Gilam, Talma Hendler, Tel Aviv University, Tel Aviv, Israel

766 MT-PM

Why does a compliment from an enemy mean more than one from a friend?

Rebecca Jones, Leah Somerville, Erika Ruberry, Victoria Libby, BJ Casey, Weill Cornell Graduate School of Medical Sciences, New York, United States

768 MT-PM

Intrinsic connectivity networks make dissociable contributions to cognitive and emotional empathy

Juan Zhou, Katherine Rankin, Efstathios Gennatas, Joel Kramer, Bruce Miller, William Seeley, University of California, San Francisco, San Francisco, United States

770 MT-PM

Together in Gaze and Gesture: A Combined fMRI/eye-tracking Study of 2nd Person Social Cognition

Micah Allen, Kristian Tylén, Center of Functionally Integrative Neuroscience, Aarhus, Denmark

772 MT-PM

Influence of Subjective Socioeconomic Status on Human Striatal Response to Social Status Information

Martina Ly, M Ryan Haynes, Joseph Barter, Caroline Zink, National Institute of Mental Health, NIH, Bethesda, United States

774 MT-PM

Neural processing of dynamic social stimuli

Elizabeth Walter, Amy Lightbody, Allan Reiss, Stanford, Stanford, United States

776 MT-PM

An fMRI Investigation of Psychopathy and Drug Craving in Substance Dependent Male Inmates

Justin Jobelius, Lora Cope, Prashanth Nyalakanti, Kent Kiehl, Mind Research Network, Albuquerque, United States

IMAGING TECHNIQUES AND CONTRAST MECHANISM

Multi-Modal Integration

778 MT-PM

White matter integrity is related to cortical responsivity within working memory network

Agnieszka Burzynska, Irene Nagel, Claudia Preuschhof, Lars Bäckman, Shu-Chen Li, Ulman Lindenberger, Hauke Heekeren, Max Planck Institute for Human Development, Berlin, Germany

780 MT-PM

Dynamic parieto-premotor network for mental imagery transformation: A simultaneous EEG-fMRI study

Takafumi Sasaoka, Hiroaki Mizuhara, Toshio Inui, Kyoto University, Kyoto, Japan

782 MT-PM

Processing of MR spectroscopy maps as inputs for radiotherapeutic treatment of glioblastoma

Soleakhena Ken, Xavier Franceries, Jean-Albert Lotterie, Vincent Lubrano, Isabelle Catalaa, Hussein Metwally, Laure Vieilleigne, Isabelle Berry, Pierre Celsis, Elizabeth Moyal Cohen-Jonathan, Anne Laprie, Inserm UMRS 825, Toulouse, France

784 MT-PM

Nitime: an open-source package for time-series analysis of neuroscience data

Ariel Rokem, Michael Trumpis, Fernando Perez, Paul Ivanov, Kilian Koepsell, Tim Blanche, Drew Fegen, Mark D'Esposito, University of California, Berkeley, Berkeley, United States

786 MT-PM

CONCOMITANT RECORDINGS OF INTRACRANIAL EEG/fMRI: MRI SAFETY STUDY ON RF-INDUCED ELECTRODE HEATING

Carolina Ciumas, Gregor Schaefers, Christian Koch, Emmanuel Perrin, Emmanuelle Canet-Soulas, Sandrine Bouvard, Jean-Christophe Comte, Danielle Ibarola, Gustavo Polo, Philippe Ryvlin, INSERM, U821, Bron, France

788 MT-PM

In-vivo measurement of the myelin g-ratio in humans by combining diffusion and bound pool fractions

Nikola Stikov, Lee Perry, Aviv Mezer, John Pauly, Brian Wandell, Robert Dougherty, Stanford University, Stanford, United States

790 MT-PM

Distributed Coupling between EEG Alpha and BOLD fMRI Signals during Unilateral Movements

Han Yuan, Christopher Perdoni, Lin Yang, Bin He, University of Minnesota, Minneapolis, United States

792 MT-PM

Simultaneous EEG/fMRI recording with a reduced set of electrodes

Marco Carni, Elisabetta Genovese, Federico Nocchi, Simona Bufalari, Tiziana Franchin, Marco Montes, Vittorio Cannatà, Occupational and Safety-Medical Physics, Bambino Gesù Children's Hospital, Rome, Italy

794 MT-PM

Mapping disturbances in cortico-cortico connectivity in schizophrenia patients and their relatives

Owen Phillips, Keith Nuechterlein, Robert Asarnow, Kristi Clark, Ryan Cabeen, Roger Woods, Arthur Toga, Katherine Narr, UCLA, Los Angeles, United States

796 MT-PM

Left/right asymmetry measures in somatosensory cortex using MEG, ASL and BOLD fMRI

Claire Stevenson, Karen Mullinger, Joanne Hale, Peter Morris, Susan Francis, The University of Nottingham, Nottingham, United Kingdom

798 MT-PM

Relating properties of pre-stimulus EEG, the VEP and hemodynamic response with simultaneous EEG-fMRI

Stephen Mayhew, Camillo Porcaro, Dirk Ostwald, Andrew Bagshaw, University of Birmingham, Birmingham, United Kingdom

800 MT-PM

Trimodal imaging in one session: FET-PET, MP-RAGE and DTI in humans

Irene Neuner, Joachim Kaffanke, Yuliya Kupriyanova, Karl-Josef Langen, Hans Herzog, N. Jon Shah, Institute of Neurosciences and Medicine 4, Research Centre Jülich, Jülich, Germany

802 MT-PM

Classification of single-trial EEG components for combined EEG/fMRI analysis

Tanja Schmitt, Alexandra Sebastian, Simon Maier, Ludger Tebartz van Elst, Oliver Tüscher, Bernd Feige, Department of Psychiatry and Psychotherapy, University of Freiburg, Freiburg, Germany

804 MT-PM

Safety in EEG-MRI: The role of body composition, SAR, and RF transmit coil in EEG electrode heating

Ulrike Noeth, Helmut Laufs, Robert Stoermer, Ralf Deichmann, Brain Imaging Center, Goethe University Frankfurt am Main, Frankfurt am Main, Germany

806 MT-PM

Alpha Hemodynamic Responses in Eyes Open vs. Eyes Closed Resting State EEG-fMRI

Lei Wu, Tom Eichele, Vince D. Calhoun, The Mind Research Network, Albuquerque, United States

808 MT-PM

Canonical Correlation Analysis of fMRI and Alpha or Beta Band Power in Patients With Epilepsy

Radek Marecek, Milan Brazdil, Michal Mikl, Masaryk University, Brno, Czech Republic

810 MT-PM

Sequential Spread of Brain Activity Revealed by Fast fMRI

FA-HSUAN LIN, Thomas Witzel, Tommi Raij, Jyrki Ahveninen, Wei-Tang Chang, Wen-Kai Tsai, Aapo Nummenmaa, John Belliveau, National Taiwan University; Martinos Center, Mass. General Hospital, Taipei, Taiwan, Republic of China

812 MT-PM

A nonlinear template-based approach for BCG artifact removal in EEG-fMRI recordings at high fields

Sara asseondi, Anna Bianchi, Marco Buiatti, Paolo Ferrari, Veronica Mazza, Jens Schwarzbach, Jorge Jovicich, Functional Neuroimaging Laboratory, CIMeC, University of Trento, Trento, Italy

814 MT-PM

Joint Inversion of brain electrodynamics and the BOLD signal in separate and concurrent EEG-fMRI

Kevin Brown, Ryan Kasper, Barry Giesbrecht, Stephanie Ortigue, Scott Grafton, Jean Carlson, University of California Santa Barbara, Santa Barbara, United States

816 MT-PM

Distributed Neuroimaging Analysis with Nipype and IPython

Satrajit Ghosh, Brian Granger, Fernando Perez, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, United States

818 MT-PM

Steady State Visual Evoked Potential Informed fMRI Analysis for Alpha, Beta and Gamma Bands

Esin Karahan, Müge Özker, Basri Erdo an, Zübeyir Bayraktaro lu, Ali Bayram, Cengizhan Öztürk, Ahmet Ademo lu, Tamer Demiralp, Bogazici University, Institute of Biomedical Engineering, Istanbul, Turkey

820 MT-PM

Relationship of GABA levels to ACC BOLD Activation during Interference Monitoring

Christine Rebsch, Heike Tost, Eugenia Radulescu, Matthew Geramita, Johan van der Veen, Alan Barnett, Sarael Alcauter, Kristina Thurin, Fabio Sambataro, Venkata Mattay, Jun Shen, Daniel Weinberger, Stefano Marengo, National Institutes of Health, Bethesda, United States

IMAGING TECHNIQUES AND CONTRAST MECHANISM

Optical Imaging/NIRS/MRS

822 MT-PM

the effects of the timing of commercial breaks on a child's psychological state – an fnirs study

Misa Sawai, Noriko Nagata, Kwansai Gakuin University, Sanda, Japan

824 MT-PM

Reproducibility of Optical Topography Measurements in Prefrontal Cortex during Working Memory Tasks

Ryuta Aoki, Hiroki Sato, Takusige Katura, Hirokazu Atsumori, Yukari Yamamoto, Atsushi Maki, Ryoichi Matsuda, Hideaki Koizumi, Masashi Kiguchi, Department of Life Sciences, Graduate School of Arts and Sciences, The University of Tokyo, Tokyo, Japan

826 MT-PM

Synchronous Prefrontal Activities by Two People in a Cooperative Task Observed by Optical Topography

Tsukasa Funane, Masashi Kiguchi, Hirokazu Atsumori, Hiroki Sato, Kisou Kubota, Hideaki Koizumi, Hitachi, Ltd., Advanced Research Laboratory, Saitama, Japan

828 MT-PM*

Functional connectivity analysis is reliable in whole-head near-infrared spectroscopy (O-W6)

Jan Mehnert, Christoph Schmitz, Harald Möller, Arno Villringer, Hellmuth Obrig, Karsten Müller, Berlin NeuroImaging Center, Berlin, Germany

830 MT-PM

Similarity between activation maps for HbO and HbR is predictive of reliability of fNIRS results

Makoto Kato, Satoru Miyauchi, Tsutomu Murata, National Institute of Information and Communications Technology, Kobe, Japan

832 MT-PM

Analyzing Optical Topography Signals using ICA

Takusige Katura, Hiroki Sato, Naoki Tanaka, Atsushi Maki, Hitachi, Ltd., Advanced Research Laboratory, Saitama, Japan

834 MT-PM

Correlation between prefrontal cortex activity and within-individual fluctuations of depressed mood

Hiroki Sato, Ryuta Aoki, Takusige Katura, Hirokazu Atsumori, Yukari Yamamoto, Atsushi Maki, Ryoichi Matsuda, Hideaki Koizumi, Masashi Kiguchi, Hitachi, Ltd., Advanced Research Laboratory, Saitama, Japan

836 MT-PM

Diffuse Optical Evaluation of Cerebral Hemodynamics with Acetazolamide Challenge

Peyman zirak, Raquel Delgado-Mederos, Udo Weigel, Mehmet Suezzen, Joan Martí-Fàbregas, Turgut Durduran, ICFQ, Castelldefels (Barcelona), Spain

838 MT-PM

Peek-a-boo, yawns and giggles: Imaging the young social brain using fNIRS and fMRI

Sarah Lloyd-Fox, Evelyne Mercure, Anna Blasi, Mick Brammer, Clare Elwell, Declan Murphy, Mark Johnson, Birkbeck, University of London, United Kingdom

840 MT-PM*

Tract-based Magnetic Resonance Spectroscopy of the cingulum bundle at 7 Tesla (O-W4)

René Mandl, Martijn van den Heuvel, Dennis Klomp, Vincent Boer, Jeroen Siero, Peter Luijten, Hilleke Hulshoff Pol, University Medical Center Utrecht, Utrecht, Netherlands

842 MT-PM

Spectroscopic technique improves calculated hemoglobin parameters by Near-infrared Spectroscopy

Hideo Eda, Hiromichi Aoki, Shigeru Eura, Grad. school for GPI, Hamamatsu, Japan

844 MT-PM

Optical Monitoring of Cerebral Hemodynamics During Head Elevation in Brain-Injured Adults

Meeri Kim, Turgut Durduran, Brian Edlow, Erin Buckley, Rickson Mesquita, M Sean Grady, Joshua Levine, Joel Greenberg, W Andrew Kofke, John Detre, Arjun Yodh, University of Pennsylvania, Philadelphia, United States

846 MT-PM

Three-dimensional Superimposition of Optical Tomography Results and Subjacent Anatomic Structures

Christina Habermehl, Jan Mehnert, Susanne Holtze, Jens Steinbrink, Christoph Schmitz, Berlin NeuroImaging Center, Charite University Hospital, Berlin, Germany

848 MT-PM

Off-line processing of macroscopic optical imaging of Exposed Cortex in Two Dimensions

Rossany Roche, Francisco Marcano, Salazar Pedro, Miriam Martín-Hernández, Raquel Monserrat, José González-Mora, University of La Laguna, Tenerife, Spain

850 MT-PM

Clinical Functional Connectivity DOT in Neonates

Brian White, Steve Liao, Silvina Ferradal, Terrie Inder, Joseph Culver, Washington University in St. Louis, St. Louis, United States

852 MT-PM

Oxygen transport simulation based on modeling with plural vessels

Kei Terada, Kazunori Oyama, Masanobu Omori, Syunsuke Ito, Toshihiko Sugiura, Keio University, Mechanical Engineering, Yokohama, Japan

854 MT-PM

Recent progress in spatial registration methods for optical topography

Ippeita Dan, Lkhamsuren Enkhtur, Masako Okamoto, Daisuke Tsuzuki, Haruka Dan, DongSheng Cai, Eiju Watanabe, National Food Research Institute, Tsukuba, Japan

856 MT-PM

Online decoding of reaching and grasping movements using functional NIRS

Markus Schürholz, Ranganatha Sitaram, Niels Birbaumer, Andrea Caria, Institut für Medizinische Psychologie und Verhaltensneurobiologie, Tübingen, Germany

858 MT-PM

Fast Optical Signal: 'Seeing' Electrical Brain Activity through the Scalp?

Andrei Medvedev, Jana Kainerstorfer, Sergey Borisov, John VanMeter, Georgetown University Medical Center, Washington, United States

860 MT-PM

Performance Benchmarks in a Multiple Center Magnetic Resonance Spectroscopy Study of HIV Dementia

Jeffry Alger, Steven Buchthal, Mark Brown, Jaroslaw Harezlak, Constantin Yiannoutsos, Thomas Campbell, Giovanni Schifitto, Jianhui Zhong, Michael Taylor, Ronald Cohen, Elyse Singer, Bradford Navia, UCLA, Los Angeles, United States

862 MT-PM

Cortical Activity Changes during and after rTMS: Functional Near Infrared Spectroscopic Study

Won Hyuk Chang, Ju-Sun Oh, JY Park, Min Jae Kang, Akihiro Ishikawa, Y-H Kim, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea, Republic of

864 MT-PM

An Anatomical Atlas-Based Method for fNIRS Tomography

Yong Xu, Yaling Pei, Randall Barbour, State University of New York, Downstate Medical Center, Brooklyn, United States

866 MT-PM

Metabolic Alteration in Rhesus Monkeys during Abstinence from Methamphetamine

Shaolin Yang, Svetlana Chefer, D. Bruce Vaupel, Charles Schindler, Xi Chen, Pradeep Kurup, Thomas Ross, Elliot Stein, Yihong Yang, National Institute on Drug Abuse, National Institutes of Health, Baltimore, United States

IMAGING TECHNIQUES AND CONTRAST MECHANISM

Perfusion MRI

868 MT-PM

Age Dependence of Cortical and Subcortical Cerebral Blood Flow – Measurements using Pulsed Arterial

Jean Chen, H. Diana Rosas, David Salat, A. A. Martinos Center for Biomedical Imaging, Charlestown, United States

870 MT-PM

Resting brain perfusion and the CYP2D6 genetic polymorphism

Julia Kirchheiner, Angela Seeringer, Barbara Ohmle, Ana Leonor Godoy, Christiane Maier, Petra Beschoner, Eun-Jin Sim, Roberto Viviani, University Ulm, Ulm, Germany

872 MT-PM

Identification of Resting State Networks Using Whole-Brain CASL

Jingyi Xie, Christian Beckmann, Yazhuo Kong, Karla Miller, Peter Jezzard, Steve Smith, FMRIB Centre, University of Oxford, Oxford, United Kingdom

874 MT-PM

Effect of Scanner Upgrade on an Arterial Spin Labeling (ASL) Longitudinal Study

Cécile Madjar, Claudine Gauthier, G. Bruce Pike, Oury Monchi, Julien Doyon, Richard D. Hoge, Centre de recherche de l'institut gériatrique de l'université de Montréal, Montréal, Canada

876 MT-PM

Cortical activity reflecting individual differences in tonic arousal level: a perfusion MRI study

Savio Wong, Xiao-Fei Yang, Jiancheng Zhuang, Antoine Bechara, University of Southern California, Los Angeles, United States

878 MT-PM

Perfusion functional MRI with high temporal resolution using TrueSTAR

Lirong Yan, Yan Zhuo, Jing An, Jiongjiong Wang, Institute of Biophysics, Chinese Academy of Sciences, Beijing, China

880 MT-PM

Pseudo Random Amplitude Modulation (PRAM): New Approach To Measure Brain Perfusion and Transit Time in MRI

Mohammad Reza Taei-Tehrani, Matthias J. P. Van Osch, Truman Brown, Columbia University, New York, United States

882 MT-PM

Cerebral Vascular Response to Hypercapnia for Middle-Aged Males with HIV

Robert Tamburo, Seong-Gi Kim, Theodore Huppert, Antoine Douaihy, Donna Martineck, Howard Aizenstein, James Becker, University of Pittsburgh, Pittsburgh, United States

884 MT-PM

A technique for obtaining simultaneous ASL/BOLD functional MRI contrast in the whole brain

Vincent Schmithorst, Luis Hernandez-Garcia, Jennifer Vannest, Scott Holland, Children's Hospital Medical Center, Cincinnati, US

886 MT-PM

Physiological Noise Reduction Comparison for Pseudocontinuous and Pulsed Arterial Spin Labeling fMRI

Wen-Ming Luh, Khaled Restom, Peter Bandettini, NIMH, Bethesda, United States

IMAGING TECHNIQUES AND CONTRAST MECHANISM

PET

888 MT-PM

The neural basis of Distress Thermometer in cancer survivors: a FDG-PET study in the Resting State

Federico D'Agata, Bruno Baudino, Paola Caroppo, Loris Castelli, Franco Cauda, Simona Cauda, Salvatore Gallone, Elisabetta Geda, Antonella Parente, Roberto Passera, Katuscia Sacco, Giuliano Geminiani, Riccardo Torta, Giancarlo Castellano, AOU San Giovanni Battista, Dep Neuroscience, Turin, Italy

890 MT-PM

Serotonin-1A, -2A Receptors and Transporter Distribution in Brodmann Areas – Multitracer PET study

Markus Savli, Andreas Bauer, Daniela Häusler, Tina Kroll, Andreas Hahn, Martin Fink, Leonhard-Key Mien, Frank Rattay, Markus Mitterhauser, Wolfgang Wadsak, Siegfried Kasper, Rupert Lanzenberger, Department of Psychiatry and Psychotherapy, Medical University of Vienna, Wien, Austria

892 MT-PM

Voxel Based Asymmetry Index Maps Analysis: Principle and Validation with MPPF PET simulated data

Jérôme REDOUTE, Anthonin Reilhac, Adrien Didelot, Philippe Ryvlin, Nicolas Costes, CERMEP, Bron, France

IMAGING TECHNIQUES AND CONTRAST MECHANISM

TMS

894 MT-PM

Interleaved TMS/CASL: State Dependence of Repetitive TMS Effects on the Dorsal Premotor Cortex

Marius Moisa, Rolf Pohmann, Hartwig Siebner, Axel Thielscher, MPI for Biological Cybernetics, Tübingen, Germany

MEMORY AND LEARNING

Plasticity (Normal and Following Pathology)

896 MT-PM*

Transcranial Direct Current Stimulation (TDCS) Targeted Using Brain Imaging Accelerates Learning (0-Th4)

Vincent Clark, Brian Coffman, Christopher Garcia, Michael Weisend, Terran Lane, Andrew Mayer, Elaine Raybourn, Vincent Calhoun, Eric Wassermann, University of New Mexico and Mind Research Network, Albuquerque, United States

898 MT-PM

Neural correlates of obstacle detection and avoidance in congenitally blind subjects

Daniel-Robert Chebat, Fabien Schneider, Olaf B. Paulson, Ron Kupers, Maurice Ptito, University of Montreal, Montreal, Canada

900 MT-PM

Structural brain plasticity in rats visualized with diffusion MRI following a learning and memory task

Tamar Blumenfeld-Katzir, Ofer Pasternak, Yaniv Assaf, Tel Aviv University, Tel Aviv, Israel

902 MT-PM

Functional Changes associated with learning to juggle

Jan Scholz, Miriam Klein, Heidi Johansen-Berg, FMRIB Centre, Oxford, United Kingdom

904 MT-PM

Neural Correlates of Tactile Maze Solving in Congenitally Blind Subjects

Léa Gagnon, Fabien Schneider, Ron Kupers, Hartwig Siebner, Olaf Paulson, Maurice Ptito, Chaire de Recherche Harland Sanders, School of Optometry, University of Montreal, Montreal, Canada, Montreal, Canada

906 MT-PM

Neurophysiological evidence of impaired musical sound perception in cochlear-implant users

Pascale Sandmann, Andrea Kegel, Tom Eichele, Norbert Dillier, Waikong Lai, Alexandra Bendixen, Stefan Debener, Lutz Jancke, Martin Meyer, University of Oldenburg, Oldenburg, Germany

908 MT-PM*

Experience-dependent brain structural plasticity in simultaneous language interpreters (O-T3)

Narly Golestani, Barbara Moser-Mercer, Alexis Hervais-Adelman, Micah M. Murray, Ulrich H. Frauenfelder, Reto Meuli, Patric Hagmann, Sophie Scott, Christoph M. Michel, University of Geneva, Geneva, Switzerland

910 MT-PM*

Spatial and temporal dynamics of learning-induced functional and structural plasticity (O-M1)

Marco Taubert, Bogdan Draganski, Alfred Anwander, Gabriele Lohmann, Daniel Margulies, Arno Villringer, Patrick Ragert, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

912 MT-PM

CI Benefits in Sequence Learning are Accompanied by Decreased BOLD and Increased Motor Excitability

CHIEN-HO LIN, Barbara Knowlton, Parima Udompholkul, Allan Wu, UCLA, SHERMAN OAKS, United States

914 MT-PM

Cortical plasticity during sequence learning in task-specific focal hand dystonia (FHDtsp)

Leighton Hinkley, JOHN HOUDE, Kelly Westlake, Rebecca Dolberg, Anne Findlay, Nancy Byl, Srikantan Nagarajan, University of California, San Francisco, San Francisco, United States

MEMORY AND LEARNING

Working Memory

387 WTH-AM

Frontal-striatal connectivity in healthy subjects in a working memory study using fMRI and DTI

Marc Bohlken, Sandra Leh, Alain Ptito, Abbas Sadikot, Sonja Huntgeburth, Jen-Kai Chen, Antonio Strafella, Faculty of Clinical Neuropsychology, VU University, Amsterdam, Netherlands

918 MT-PM

Working memory load improves early stages of independent visual processing

Luca Cocchi, Ulrike Toepel, Marzia De Lucia, Roberto Martuzzi, Stephen Wood, Olivia Carter, Micah Murray, University of Melbourne, Melbourne Neuropsychiatry Centre, Melbourne, Australia

920 MT-PM

Neural activities for the effect of distraction during working memory maintenance

Gwang-Won Kim, Tae-Hoon Kim, Han-Su Baek, Heoung-Keun Kang, Yong-Yeon Jeong, Moo-Suk Lee, Jong-Chul Yang, Gyung-Ho Chung, Gwang-Woo Jeong, Dept. of Biomedical Engineering, Chonnam National University, Gwangju, Korea, Republic of

922 MT-PM

Transmodal comparison of auditory, motor and visual post-processing and short term memory encoding

Stephan Bender, Christine Freitag, Franz Resch, Matthias Weisbrod, University of Frankfurt, Germany, Frankfurt, Germany

924 MT-PM

Human ECoG and fMRI Activity during Working Memory Maintenance

Faraz Khursheed, Nitin Tandon, Thomas Pieters, Michael DiSano, Timothy Ellmore, University of Texas Health Science Center - Houston, Houston, United States

926 MT-PM

Means representations of actions in working memory are modulated by task and motor similarity

Katja Umla-Runge, Hubert Zimmer, Gisa Aschersleben, Christoph Krick, Wolfgang Reith, Saarland University, Saarbrücken, Germany

928 MT-PM

Age effects on retroactive interference during working memory maintenance: a MEG study

Elena Solesio, Laura Lorenzo-López, José María López-Frutos, Javier García-Pacios, Ricardo Gutiérrez, Pablo Campo, Stephan Moratti, Javier González-Marqués, José María Ruiz-Vargas, Fernando Maestú, Department of Basic Psychology II (Cognitive Processes), University Complutense, Madrid, Spain

930 MT-PM

Modelling neural correlates of working memory and discrepancies of studies investigating it

Claudia Rottschy, Simon Eickhoff, Imis Dogan, N. Jon Shah, Angela Laird, Peter Fox, Jörg Schulz, Kathrin Reetz, Department of Neurology, University Hospital RWTH Aachen, Aachen, Germany

932 MT-PM

Spatially global recruitment of primary visual cortex during human working memory maintenance

Edward Ester, John Serences, Edward Awh, University of Oregon, Eugene, United States

934 MT-PM

Effective connectivity of working memory networks and the influence of COMT Val158Met

Anthony Chen, Qiang Chen, Daniel Weinberger, Joseph Callicott, Hao-Yang Tan, National Institutes of Health, Bethesda, United States

936 MT-PM

Motor working memory: neuroanatomical substrates

Melanie Sternkopf, Tanja Kellermann, Florian Kurth, Frank Schneider, Simon Eickhoff, RWTH Aachen University, Aachen, Germany

938 MT-PM

Maintenance of Rules versus Items in Working Memory

Caroline Montojo, Leon Gmeindl, Christopher Ackerman, Susan Courtney, Johns Hopkins University Dept Of Psychological and Brain Sciences, Baltimore, United States

940 MT-PM

Neural Correlates of Memory-guided Grasping

Katja Fiehler, Michael Bannert, Volker Franz, Matthias Bischoff, Rudolf Stark, Dieter Vaitl, Frank Rösler, Philipps-University Marburg, Marburg, Germany

942 MT-PM

Modeling brain activity patterns for visual working memory

Luca Simone, Antonino Raffone, Marta Olivetti Belardinelli, Cees van Leeuwen, Department of Psychology, University of Rome "La Sapienza", Rome, Italy

944 MT-PM

Training effects on brain activity during working memory tasks: an ASL study

Luis Hernandez-Garcia, Buschkuehl Martin, Jaeggi Susanne, John Jonides, University of Michigan, Ann Arbor, United States

946 MT-PM

Dissociation of Location and Identity in Memory Using fMRI and MEG

Antony Passaro, Caitlin Elmore, Timothy Elmore, Kenneth Leising, Anthony Wright, University of Texas Health Science Center in Houston, Houston, United States

948 MT-PM

Superior Longitudinal Fasciculus and Dentatothalamic Tracts Affect Working Memory in Alcoholism

Hsin-Chieh Ma, I-Chao Liu, Yu-Chun Lo, Wen-Yih Isaac Tseng, National Taiwan University, Taipei, Taiwan, Republic of China

950 MT-PM

Development of proactive interference in 8-13 year old healthy children: An fMRI-study

Sandra Loosli, Johanna Posth, Benjamin Rahm, Josef Unterrainer, Irina Mader, Cornelius Weiller, Christoph Kaller, Department of Neurology, University Medical Center Freiburg, Freiburg, Germany

952 MT-PM

Single-pulse TMS over early visual cortex interferes with visual memory consolidation

vincent van de ven, christianne jacobs, Alexander Sack, maastricht university, maastricht, Netherlands

954 MT-PM

Prospective attention, not short-term memory, generates retinotopic activity during change detection

Alejandro Vicente Grabovetsky, Rhodri Cusack, MRC Cognition and Brain Sciences Unit (University of Cambridge), Cambridge, United Kingdom

956 MT-PM

Successful Working Memory Maintenance Recruits Regions Involved in Encoding

Jessica Cohen, Kartik Sreenivasan, Mark D'Esposito, University of California, Berkeley, Berkeley, United States

958 MT-PM

Tractography and Granger Causality Reveal Unique Connectivity of Complex Span Working Memory System

Carlos Faraco, Kiaming Li, Jason Langley, Qun Zhao, Tianming Liu, Lloyd Miller, University of Georgia, Athens, United States

960 MT-PM

Genetic variation of the DRD2 gene predicts prefrontal activity during different WM components

Leonardo Fazio, Tiziana Quarto, Paolo Taurisano, Apostolos Papazacharias, Raffaella Romano, Barbara Gelao, Annabella Di Giorgio, Grazia Caforio, Luciana Lo Bianco, Rita Masellis, Gianluca Ursini, Lorenzo Sinibaldi, Wolfgang Sadee, Teresa Popolizio, Giuseppe Blasi, Alessandro Bertolino, Department of Neurology and Psychiatry, University of Bari, Bari, Italy

962 MT-PM

Dissociating early encoding from retention in auditory short-term memory

Patrick Bermudez, Stephan Grimault, Christine Lefebvre, Synthia Guimond, Pierre Jolicoeur, Université de Montréal, BRAMS Laboratory, Montréal, Canada

964 MT-PM

The Effect of Cognitive Exercise on Working Memory Span among Regular and Dyslexics Readers

Amir Shiran, Zvia Breznitz, University of Haifa, Haifa, Israel

MEMORY AND LEARNING

Functional Connectivity & Structural Equation Modeling

966 MT-PM

Interactive Resting State Correlation Analysis: Surfing the Connectome

Robert Cox, Ziad S. Saad, National Institute of Mental Health, Bethesda, United States

968 MT-PM

Default Mode Network Parcellation based on Independent Component Analysis of Resting State fMRI

Erik van Oort, David Norris, Radboud University Nijmegen, Donders Center for Cognitive Neuroimaging, Nijmegen, Netherlands

970 MT-PM

Cortico-cortical interactions are modulated differently by phonological and semantic priming

Jan Kujala, Johanna Vartiainen, Hannu Laaksonen, Riitta Salmelin, Brain Research Unit, Low Temperature Laboratory, Aalto University School of Science and Technology, Espoo, Finland

972 MT-PM*

Dynamic Granger causality with embedded hemodynamic model (O-W6)

Martin Havlicek, Jiri Jan, Sergey Plis, Milan Brazdil, Vince D. Calhoun, Brno University of Technology, Brno, Czech Republic

974 MT-PM

Alternatively sparse representations of whole brain connectivity

Aaron Alexander-Bloch, Rhoshel Lenroot, Rasmus Birn, Nitin Gogtay, Jay Giedd, Edward Bullmore, NIH/University of Cambridge, Cambridge, United Kingdom

976 MT-PM

Default Mode Network interactions during Resting and Cognitive Task: Granger Causality Evaluation

Pan Lin, Simon Robinson, Nicola De Pisapia, Jorge Jovicich, Center for Mind/Brain Sciences, University of Trento, Italy, Trento, Italy

978 MT-PM

Neural Field Model of Rat's Cortex Based on Realistic Connectivity from dwMRI and Neural Morphology

Manh Nguyen Trong, Andreas Spiegler, Thomas Knösche, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

980 MT-PM

Pharmacological Modulation of Resting Node Connectivity in Weighted, Voxel-scale Complex Networks

Adam Schwarz, Jaymin Upadhyay, Alexandre Coimbra, Richard Baumgartner, Julie Anderson, James Bishop, Ed George, Lino Becerra, David Borsook, Eli Lilly and Company, Indianapolis, United States

982 MT-PM

Converging results from resting state and task response fMRI-studies in ASD

Vesa Kiviniemi, Jukka Rahko, Xiangyu Long, Jyri-Johan Paakki, Jukka Remes, Juha Nikkinen, Tuomo Starck, Irma Moilanen, Mikko Sams, Synnove Carlson, Osmo Tervonen, Christian Beckmann, Yu-Feng Zang, Oulu University Hospital, Oulu, Finland

984 MT-PM

Two Dimensionality and Uniformity in Cortical Network Architecture

James Henderson, Peter Robinson, The University of Sydney, Sydney, Australia

986 MT-PM

An fMRI study of the Default Mode Network Connectivity in Comatose Patients

Loretta Norton, Matthew Hutchison, Michael Sharpe, Bryan Young, Seyed Mirsattari, University of Western Ontario, London, Canada

988 MT-PM

Dynamical network evolution during a working memory task in MEG

Manfred Kitzbichler, Ed Bullmore, Marie Smith, Pradeep Nathan, University of Cambridge, Cambridge, United Kingdom

990 MT-PM

Whole Brain Mutual Information Maps as descriptors of Net Connectivity Levels

Raymond Salvador, Jesús Gomar, Josep Blanch, Edith Pomarol-Clotet, Benito Menni - CASM and CIBERSAM, Sant Boi de Llobregat, Spain

992 MT-PM

A New Measure of Centrality for Brain Networks

Karen Joyce, Paul Laurienti, Jonathan Burdette, Satoru Hayasaka, Wake Forest University, Winston-Salem, United States

994 MT-PM*

Laminar-specific functional connectivity: distinguishing directionality in cortical networks (O-W6)

Jonathan Polimeni, Bruce Fischl, Douglas Greve, Lawrence Wald, Massachusetts General Hospital, Charlestown, United States

996 MT-PM

Estimating Functional Connectivity via Generalized Shrinkage

Mark Joseph Fiecas, Hernando Ombao, Brown University, Providence, United States

998 MT-PM

Functional subregions within postcentral gyrus revealed by resting-state fMRI

Xiangyu Long, Daniel Margulies, Arno Villringer, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

1000 MT-PM

A Bayesian Model for EEG Frequency-Domain Functional Connectivity

Wesley Thompson, Hernando Ombao, University of California, San Diego, La Jolla, United States

1002 MT-PM

Sleep Deprivation Reduces Default Mode Network Connectivity During Rest and Task Performance

Jack De Havas, Sarayu Parimal, Chun Siong Soon, Michael Chee, Duke-NUS Graduate Medical School, Singapore, Singapore

1004 MT-PM

Model-free analysis of fMRI data using eigenvector centrality mapping (ECM)

Gabriele Lohmann, Daniel Margulies, Dirk Goldhahn, Annette Horstmann, Burkhard Pleger, Joeran Lepsien, Arno Villringer, Robert Turner, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

1006 MT-PM

A Whole Brain fMRI Atlas Generated via Spatially Constrained Spectral Clustering. Part I: Methods

R. Cameron Craddock, George Andrew James, Paul Holtzheimer, Xiaoping Hu, Helen Mayberg, Baylor College of Medicine, Houston, United States

1008 MT-PM

Temporal Representation of fMRI Time Series in Rest Connectivity Studies

Henrique Fernandes, Alexandre Andrade, Gabriela Santos, Patricia Figueiredo, IBEB/FCUL, Biosurfit, Lisboa, Portugal

1010 MT-PM

REST-GCA: a MATLAB toolkit for resting-state fMRI data processing

Zhen-Xiang Zang, Jian Huang, Zhangye Dong, Chaogan Yan, Yufeng Zang, School of Science, Beijing Jiaotong University, Beijing, China

1012 MT-PM

Altered Connectivity after Electrical Tongue Stimulation as measured by DCM

Joseph Wildenberg, Timothy Meier, Veena Nair, Mitchell Tyler, Yuri Danilov, Kurt Kaczmarek, Vivek Prabhakaran, Elizabeth Meyerand, University Of Wisconsin, Madison, United States

1014 MT-PM

Age Related Changes in Brain Connectivity, Structural and Resting State fMRI

Pawel Skudlarski, Beata Skudlarska, Godfrey Pearlson, Hartford Hospital, Hartford, United States

1016 MT-PM

Effect of Spatial and Temporal Resolution in Functional Connectivity Mapping

Christina Triantafyllou, Randy L. Buckner, Sheeba Arnold, Steve Shannon, Susan Whitfield-Gabrieli, Lawrence Wald, A.A. Martinos Imaging Center, McGovern Institute for Brain Research, MIT, Cambridge, United States

1018 MT-PM

The evaluations of specific preprocessing choices in fMRI-based Brain functional network analysis

Yong He, Xia Liang, Jinhui Wang, Chaogan Yan, Xiaobo Li, Yufeng Zang, Yong He, State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, China, 10087, Beijing, China

1020 MT-PM

Eigenvector centrality mapping is an analysis method robust against changes in respiration

Dimo Ivanov, Gabriele Lohmann, Stefan Kabisch, Ilona Henseler, Haiko Schloegl, Wolfgang Heinke, Robert Turner, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

1022 MT-PM

Frequency-specific functional connectivity in the brain during resting state revealed by NIRS

Shuntaro Sasai, Fumitaka Homae, Hama Watanabe, Gentaro Taga, University of Tokyo, Tokyo, Japan

1024 MT-PM

Elevating CBF reduces resting-state BOLD functional connectivity in the motor cortex

Kevin Murphy, Ashley Harris, Richard Wise, CUBRIC, School of Psychology, Cardiff University, Cardiff, United Kingdom

1026 MT-PM

Connectivity of fMRI data using ancestral graph theory: Dealing with missing regions

Lourens Waldorp, Ingrid Christoffels, Vincent van de Ven, University of Amsterdam, Amsterdam, Netherlands

1028 MT-PM

The role of attention and feedback in perceptual learning

Anja Stemme, Katharina Rosengarth, Ingo Keck, Gustavo Deco, Mark Greenlee, Elmar Lang, University of Regensburg, Innsbruck, Austria

1030 MT-PM

Using Mayavi for 3D visualization of Neuroimaging data: powerful scripting and reusable components in Python

Gael Varoquaux, Alexandre Gramfort, Stephan Gerhard, Matthew Brett, Patric Hagmann, INRIA, Gif sur Yvette, France

1032 MT-PM

Stochastic nonlinear DCM for fMRI: neural noise and network dynamics

Jean Daunizeau, Stefan Kiebel, Friston Karl, Klaas Stephan, Wellcome Trust Centre for Neuroimaging, London, United Kingdom

1034 MT-PM

A spatial autoregressive model to link structure to function: a combined fMRI and DTI approach

Arnaud Messé, Marrelec Guillaume, Pélégriani-Issac Mélanie, Benali Habib, UMR-S 678 Inserm/UPMC, Laboratoire d'imagerie fonctionnelle, Paris, France

1036 MT-PM

Developmental changes in effective connectivity during feedback learning

Anna van Duijvenvoorde, Meike Grol, Hilde Huizenga, Klaas Enno Stephan, Eveline A. Crone, S.A.R.B. Rombouts, University of Amsterdam, Amsterdam, Netherlands

1038 MT-PM

Application of causality analysis to EEG data acquired during loss of consciousness

Minna Silvverhuth, Stefanos Georgiadis, Kimmo Kaskinoro, Anu Maksimow, Satu Jääskeläinen, Harry Scheinin, WellTech Oulu Institute, University of Oulu, Oulu, Finland

1040 MT-PM

Resting MEG Signals Reveal Spontaneous Visual Cortex Fluctuations with 0.1Hz Peak Power Modulation

Mark Lowe, Erik Beall, Mingyi Li, John Mosher, Richard Burgess, Stephen Jones, Micheal Phillips, Cleveland Clinic, Cleveland, United States

1042 MT-PM

Coupled neural fields: intrinsic modulation of extrinsic coupling

Jean Daunizeau, Karl Friston, Dimitris Pinotsis, Klaas Stephan, Wellcome Trust Centre for Neuroimaging, London, United Kingdom

1044 MT-PM

Low-frequency functional connectivity during a demanding task in a fast event-related design

Peter Stiers, Alexandros Goulas, Maastricht University, Dept. Neuropsychology & Psychopharmacology, Maastricht, Netherlands

1046 MT-PM

The effect of multi-channel RF coils on estimates of functional connectivity

Rasmus Birn, John Ollinger, Vivek Prabhakaran, Michael Anderle, Jenelle Fuller, Elizabeth Meyerand, University of Wisconsin Madison, Madison, United States

1048 MT-PM

Increased Default Mode Network Connectivity is associated with Response Variability in Children

Priti Srinivasan, Suresh Joel, Simona Spinelli, James Pekar, Stewart Mostofsky, Kennedy Krieger Institute, Baltimore, United States

1050 MT-PM

Developmental Integration and Segregation of an Emerging Language Module

James Bartolotti, Hongchuan Zhang, Darren Gitelman, Tali Bitan, James Booth, Northwestern University, Evanston, United States

1052 MT-PM

Reorganization of Functional Connectivity MRI in Patients with Brain Tumors

CHIARA BRIGANTI, Emanuele Pravata', DANTE MANTINI, Carlo Sestieri, Armando Tartaro, Massimo Caulo, Department of Clinical Sciences, Bioimaging and ITAB; University of Chieti-Pescara, Chieti, Italy

1054 MT-PM

Integrating Voxel and Region Based Networks to Identify Functional Hubs of Alzheimer's Patients

Koray Ciftci, Namik Kemal University, Tekirdag, Turkey

1056 MT-PM

Mapping Functional Connectivity with Exploratory Structural Equation Modeling in Perfusion MRI

Jiancheng Zhuang, Savio Wong, Zhong-Lin Lu, University of Southern California, Los Angeles, United States

1058 MT-PM

Reduced local efficiency of neural networks associated with contextual retrieval in schizophrenia

Liang Wang, Paul Metzrak, Honer William, Todd Woodward, University of British Columbia, Vancouver, Canada

1060 MT-PM

Effective connectivity during the experience of complex social emotions

Vanessa J, Mary Helen Immordino-Yang, Brain and Creativity Institute, University of Southern California, Los Angeles, United States

1062 MT-PM

Detecting memory load effects on intracranial EEG interaction networks using novel group analysis

Hua Hui, Dimitrios Pantazis, James Duncan, Jed Meltzer, R. Todd Constable, Richard Leahy, University of Southern California, San Carlos, United States

MODELING AND ANALYSIS

Motion Correction/Spatial Normal, Atlas Construction

1064 MT-PM

Improving Precision and Interpretability of Meta Analyses with a Bayesian Hierarchical Spatial Model

Jian Kang, Timothy Johnson, Tor Wager, Thomas Nichols, University of Michigan, Ann Arbor, United States

1066 MT-PM

Noise in diffusion tensor brain templates as a function of the number of datasets averaged

Shengwei Zhang, John Carew, Konstantinos Arfanakis, Illinois Institute of Technology, Chicago, United States

1068 MT-PM

New developments in coordinate-based meta-analysis of functional neuroimaging studies

Simon Eickhoff, Angela Laird, Florian Kurth, Peter Fox, Department of Psychiatry and Psychotherapy, RWTH Aachen University, Aachen, Germany

1070 MT-PM

Population Based Probabilistic White Matter Atlas of Human Brain

Yi-Chia Kung, Chun-Yi Lo, Yi-Ping Chao, Ching-Po Lin, National Yang-Ming University, Taipei City, Taiwan, Republic of China

1072 MT-PM

Creating Unbiased Minimal Deformation Templates for Brain Volume Registration

Boris Gutman, Claus Svarer, Ivo Dinov, Igor Yanovsky, Alex Leow, Arthur Toga, Paul Thompson, Laboratory of Neuro Imaging, Dept. of Neurology, UCLA School of Medicine, Los Angeles, United States

1074 MT-PM

Open labels: online feedback for a public resource of manually labeled brain images

Arno Klein, Bennett Landman, Joel Lee, Andrew Worth, Columbia University, NY, United States

1076 MT-PM

Title: A Comparison of Atlas-Based vs. Geometry Methods for Delineation of the Precuneus

Katherine Reiter, Kathryn Alpert, Sheeraz Daudi, Lei Wang, Northwestern University, Chicago, United States

1078 MT-PM

Unbiased Robust Template Estimation for Longitudinal Analysis in FreeSurfer

Martin Reuter, H. Diana Rosas, Bruce Fischl, Massachusetts General Hospital / Harvard Medical School / MIT, Charlestown, United States

1080 MT-PM

Influence of registration reference data on fMRI results

Moritz Wurnig, Nicolaus Klingner, Jakob Rath, Ilse Höllinger, Alexander Geissler, Thomas Foki, Thomas Steinkellner, Wolfgang Staffen, Martin Kronbichler, Stephan Golazewski, Christian Siedentopf, Florian Koppelstaetter, Michael Verius, Janpeter Nickel, Stephan Felber, Rüdiger Seitz, Roland Beisteiner, Study Group Clinical fMRI, Department of Neurology, Medical University of Vienna, Austria, Vienna, Austria

1082 MT-PM

Hand representation in human M1 revealed using 3T high resolution fMRI and diffeomorphic registration

Fabrizio Pizzagalli, Michel Dojat, Irene Tropes-Broux, Chantal Delon-Martin, INSERM, Grenoble, France

1084 MT-PM

White Matter Connectivity-Driven Registration of Cortical Surfaces

Aleksandar Petrovic, Stephen Smith, Lilla Zollei, Bruce Fischl, Saad Jbabdi, Mark Jenkinson, University of Oxford Centre for Functional MRI of the Brain, Oxford, United Kingdom

1086 MT-PM

Implementation of the Adaptive Bases Algorithm in the Java Image Science Toolkit

Min Chen, Aaron Carass, Bryan Wheeler, Xiaofeng Liu, Jerry Prince, Johns Hopkins University, Baltimore, United States

1088 MT-PM

Non-linear registration of intra-subject ex-vivo and in-vivo brain acquisitions

Lilla Zollei, Allison Stevens, Bruce Fischl, Martinos Center, MGH, Charlestown, United States

1090 MT-PM

Pre-Processing and Automatic Quality Check of more than 1000 Subjects Anatomical and Functional MRI

Benjamin Thyreau, Bertrand Thirion, Yannick Schwartz, Alexis Barbot, Eva Loth, Maren Struve, Vincent Frouin, Jean-Baptiste Poline, CEA, Paris, France

MODELING AND ANALYSIS

Multivariate Modeling, PCA and ICA

1092 MT-PM

Unbiased Group-level Assessment of Independent Component Maps by means of Retrospective Matching

Dave Langers, UMCG - University Medical Center Groningen, Groningen, Netherlands

1094 MT-PM

Neural Correlates of Functional Category Recovery: An fMRI Study of Verb Inflection Production

Aneta Kielar, Stephen Fix, Borna Bonakdarpour, Cynthia Thompson, Northwestern University, Evanston, United States

1096 MT-PM

Independent Component Analysis of 6-[18F]FDOPA PET Images

Molly Chalfin, Daniel Eisenberg, Philip Kohn, Angela Ianni, Tiffany Nash, Joseph Masdeu, Karen Berman, National Institutes of Health, Bethesda, United States

1098 MT-PM

Evaluating Joint Histograms in a JICA Fusion Framework: Feature Extraction and Component Selection

Rogers Silva, Vincent Calhoun, The Mind Research Network, Albuquerque, United States

1100 MT-PM

Investigating the Relationship between the Visual Evoked Potential and the Gamma Band in EEG Data

Camillo Porcaro, Hadjipapas Avgis, Gareth Barnes, Andrew Bagshaw, Birmingham University, Birmingham, United Kingdom

1102 MT-PM

Evolutionary Factor Analysis of EEG data

Giovanni Motta, Hernando Ombao, Maastricht University, Maastricht, Netherlands

1104 MT-PM*

Hippocampal and Ventricular Differences in 804 ADNI subjects mapped with Multivariate TBM (O-Th2)

Yalin Wang, Yang Song, Yi-Yu Chou, Arthur Toga, Paul Thompson, UCLA, Los Angeles, United States

1106 MT-PM

Different spatial constraints to improve local canonical correlation analysis in fMRI

Dietmar Cordes, Rajesh Nandy, Mingwu Jin, University Of Colorado Denver, Aurora, United States

1108 MT-PM

Listen to the Brain: Decoding of Distributed fMRI Tonotopic Patterns in Human Auditory Cortex

Dimitri Van De Ville, Jonas Richiardi, Alain Sigrist, Marco Pelizzone, Francois Lazeyras, Ecole Polytechnique Fédérale de Lausanne, Lausanne, Switzerland

1110 MT-PM

Vervet Heritability Estimates using Corpus Callosum Morphology under a Riemannian framework

Shantanu Joshi, Scott Fears, Kevin Scheibel, Chris Lee, Kelly Chen, Arthur Toga, Nelson Freimer, Roger Woods, University of California Los, Los Angeles, United States

1112 MT-PM

Global functional disconnections and long-memory alterations in consciousness disorder patients

Sophie Achard, Stéphane Kremer, Jean-François Coeurjolly, Maleka Schenk, Felix Renard, Caroline Ong-Nicolas, Jacques Namer, Veronique Mutschler, Francis Schneider, Chantal Delon-Martin, CNRS, Grenoble, France

1114 MT-PM

Multi-voxel pattern analysis identifies brain regions that discriminate indoor and outdoor scenes

Mayur Mudigonda, Pavan Ramkumar, David Zhu, George Stockman, Rong Jin, Michigan State University, East Lansing, United States

1116 MT-PM

Common sources of Mismatch Negativity: combining ICA validation, Model-Based-Clustering and eLORETA

Diego Lozano-Soldevilla, Josep Marco-Pallares, Lluís Fuentemilla, Carles Grau, University of Barcelona, Barcelona, Spain

1118 MT-PM

Detection of functional networks in fMRI data: evaluation of univariate and multivariate approaches

Grigori Yourganov, Xu Chen, Stephen Strother, University of Toronto, Toronto, Canada

1120 MT-PM

Group-ICA of fMRI Data Isolates Motion-sensitive Brain Areas in Response to Dynamic Visual Stimuli

Joseph Wildenberg, Mitchell Tyler, Yuri Danilov, Kurt Kaczmarek, Elizabeth Meyerand, University Of Wisconsin, Madison, United States

1122 MT-PM

Intraclass correlation of spatial datasets: An application to a neuroimaging study of twins

Joonkoo Park, Kerby Shedden, Thad Polk, University of Michigan, Ann Arbor, United States

1124 MT-PM

Default Mode Extraction and Artifact Removal in fMRI data using Sparse Principal Component Analysis

Sunny Mahajan, Rodolphe Sepulchre, Michel Journee, Christophe Phillips, Steven Laureys, Maquet Pierre, Quentin Noirhomme, Andrea Soddu, Indian Institute of Technology Bombay, Mumbai, India

1126 MT-PM

Altered functional connectivity of pain matrix in fibromyalgia at resting

Ignacio Cifre, Carolina Sitges, Daniel Fraiman, Miguel A. Muñoz, Mercedes Martinez-Jauand, Ana M Gonzalez-Roldan, Dante R. Chialvo, Pedro Montoya, Universitat de les Illes Balears, Palma de Mallorca, Spain

1128 MT-PM

Measuring fine-scale pattern information across voxels in fMRI data

Robert Leech, lead Rezek, Dennis Leech, Imperial College London, London, United Kingdom

1130 MT-PM

COMPASS: Automatic Independent Component selection for EEG-fMRI integration

Jan Reinhold Wessel, Markus Ullsperger, Max Planck Institute for Neurological Research, Cologne, Germany

1132 MT-PM

Multivariate analyses applied to functional magnetic resonance imaging of voice gender perception

Julien Rouger, Federico De Martino, Elia Formisano, Pascal Belin, Department of Cognitive Neuroscience, University of Maastricht, Maastricht, Netherlands

1134 MT-PM

Localized Entropy Converted to Connectivity in Brain Development

Vasily Vakorin, Anthony McIntosh, Olga Krakovska, Rotman Research Institute, Toronto, Canada

1136 MT-PM

Constrained Principal Component Analysis for fMRI data (fMRI CPCA)

Todd Woodward, Yoshio Takane, Liang Wang, Paul Metzak, Jennifer Whitman, University of British Columbia, Vancouver, Canada

1138 MT-PM

How Much Trust Do Multi Voxel Patterns Deserve? Detection of Multivariate Brain Activations

Georg Langs, Bjoern Menze, Danial Lashkari, Polina Golland, MIT, Cambridge, United States

1140 MT-PM*

Functional Assessment of Intrinsic Connectivity Networks (O-M2)

Angela Laird, Mick Fox, Simon Eickhoff, Kimberly Ray, Jessica Turner, David Glahn, Christian Beckmann, Stephen Smith, Peter Fox, University of Texas Health Science Center San Antonio, San Antonio, United States

1142 MT-PM

Comparison of pre-normalization methods on the accuracy and reliability of group ICA results

Elena Allen, Erik Erhardt, Tom Eichele, Andrew Mayer, Vince Calhoun, Mind Research Network, Albuquerque, United States

1144 MT-PM

Reproducibility of Spectrally-Coherent Resting-State Networks from functional MRI Data

Jong-Hwan Lee, Dong-Youl Kim, Korea University, Seoul, Korea, Republic of

1146 MT-PM

Extending the GLM for analyzing fMRI data to a constrained multivariate regression model

Rajesh Nandy, Dietmar Cordes, Mingwu Jin, UCLA, Granada Hills, United States

1148 MT-PM

Comparison of multivariate methods for analyzing fMRI data using a source monitoring dataset

Paul Metzak, Liang Wang, Todd Woodward, University of British Columbia, Vancouver, Canada

1150 MT-PM

Categorization and Generation of group-wide independent components in fMRI using clustering

Ariana Anderson, Jennifer Bramen, Agatha Lenartowicz, Pamela Douglas, Chris Culbertson, Arthur Brody, Mark Cohen, UCLA, Los Angeles, United States

1152 MT-PM

Spectral-temporal independent component analysis of EEG source signals

Scott Makeig, Nima Bigdely-Shamlo, Julie Onton, Swartz Computational Center for Neuroscience, La Jolla, United States

MODELING AND ANALYSIS

Non-Bold fMRI

1154 MT-PM

Impact of visual stimulus loads on low frequency oscillations subsequent to neurovascular coupling

YiChia Li, JyhHorng Chen, Graduate Institute of Biomedical Engineering and Bioinformatics, National Taiwan University, Taiwan, Taipei, Taiwan, Republic of China

1156 MT-PM

Modeling Neuronal Current MRI Signal in Human Brain

Qingfei Luo, Jia-Hong Gao, The University of Chicago, Chicago, United States

MODELING AND ANALYSIS

Task-Independent Activity

1158 MT-PM

Effects of Background Noise on Neural Processing Networks during Task Performance and Rest

Dave Langers, Pim van Dijk, UMCG - University Medical Center Groningen, Groningen, Netherlands

1160 MT-PM

Hierarchies of Resting and Activation Networks

Stephen Smith, Angela R Laird, Mark W Woolrich, Peter T Fox, Christian F Beckmann, Oxford University Centre for Functional Magnetic Resonance Imaging of the Brain (FMRIB), Oxford, United Kingdom

1162 MT-PM

Evaluating task independent deactivation: a multiple cognitive task fMRI study

Pan Lin, Simon Robinson, Jorge Jovicich, Center for Mind/Brain Sciences, University of Trento, Italy, Trento, Italy

1164 MT-PM

Resting-State Networks through Brain-Wide Synchronization

Tjeerd Boonstra, Michael Breakspear, University of New South Wales, Sydney, Australia

1166 MT-PM

Default-Mode Networks during Acoustic Stimulation Revealed by ICA and Frequency-Domain Analysis

KangUk Lee, Woo-Suk Tae, Eui-Cheol Nam, Sam Soo Kim, Neuroscience Research Institute, Kangwon National University School of Medicine, Chunchon, Korea, Republic of

1168 MT-PM

Identification of 23 Temporally Synchronized Networks at Rest on a Cohort of 180 Healthy Subjects

Gaëlle Doucet, Mikaël Naveau, Nicolas Delcroix, Laurent Petit, Laure Zago, Fabrice Crivello, Emmanuel Mellet, Nathalie Tzourio-Mazoyer, Bernard Mazoyer, Marc Joliot, UMR6232, CI-NAPS, Centre for Imaging-Neurosciences and Applications to Pathologies, CNRS, CEA, Caen, France

1170 MT-PM

The Effect of Language Paradigm Difficulties on Task Induced Deactivation in Children

Binjian Sun, Thomas Burns, Madison Berl, William Gaillard, Richard Jones, Children's Healthcare of Atlanta, Atlanta, United States

1172 MT-PM*

A Specific-to-Nonspecific Transition of Resting Brain Network from Light to Deep Anesthesia (O-T6)

Xiao Liu, Xiao-Hong Zhu, Yi Zhang, Wei Chen, CMRR, University of Minnesota, Minneapolis, United States

1174 MT-PM

Single Trial Variability in EEG Microstates Modulated fMRI Analysis under Resting Condition

Francesco Musso, Juergen Brinkmeyer, Arian Mobascher, Tracy Warbrick, Georg Winterer, Department of Psychiatry, Heinrich-Heine University, Duesseldorf, Germany

1176 MT-PM

A comparison of amplitude of low frequency fluctuation analysis of resting fMRI data by FFT and PSD

Gregory Kirk, John Ollinger, Veena Nair, Rasmus Birn, Donald McLaren, Vivek Prabhakaran, University of Wisconsin Madison, Madison, United States

1178 MT-PM

Regression of functional brain networks in early Alzheimer's disease

valentin riedl, afra wohlschlaeger, Christian Sorg, technische universitaet munich, germany, muenchen, Germany

1180 MT-PM

Spatiotemporal Dynamics of Low Frequency Fluctuations in BOLD fMRI of Rats and Humans

Waqas Majeed, Matthew Magnuson, Shella Keilholz, Georgia Institute of Technology / Emory University, Atlanta, United States

1182 MT-PM

Stable group clusters in resting-state fMRI at multiple scales: from systems to regions

Pierre Bellec, Pedro Rosa-Neto, Michael Petrides, Alan Evans, Montreal Neurological Institute, McGill University, Montreal, Canada

1184 MT-PM

Assessing Language Dominance Using Task-free fMRI for Pre-surgical Planning

Yanmei Tie, Sargent Shriver, Laura Rigolo, Alexandra Golby, Golby Lab, BWH Dept. Neurosurgery, Harvard Medical School, Boston, United States

1186 MT-PM

Timing Resting State Networks Dynamics for Real-Time fMRI Analysis

Nicola Soldati, Oliver Hinds, Christina Triantafyllou, Jorge Jovicich, CIMeC-Center for Mind/Brain Sciences, University of Trento, Trento, Italy

1188 MT-PM

An interactive visualization tool for neurosurgical applications of functional connectivity

Joachim Böttger, Daniel Margulies, Peter Horn, Shereen Chaudhry, Christine Szkuclarek, Karsten Mueller, Gabriele Lohmann, Georg Bohner, Jochen Fiebach, Arno Villringer, Peter Vajkoczy, Alexander Abbushi, Department of Neurosurgery, Charité - Universitätsmedizin Berlin, Berlin, Germany

1190 MT-PM

A biophysical model of resting state brain activity

Etienne Hugues, Olaf Sporns, Rolf Kötter, Gustavo Deco, Universitat Pompeu Fabra, Barcelona, Spain

1192 MT-PM

Your Brain CAREs About Your Risky Behavior

Christine Cox, Kristin Gotimer, Amy Roy, F. Xavier Castellanos, Michael Milham, Clare Kelly, Phyllis Green and Randolph C wen Institute for Pediatric Neuroscience at the NYU Child Study Center, New York, United States

1194 MT-PM

Unit Homogeneity as a marker of functional differentiation in the developing brain

Maarten Mennes, Clare Kelly, Xi-Nian Zuo, Adriana Di Martino, Saroja Bangaru, F. Xavier Castellanos, Michael Milham, Phyllis Green and Randolph C wen Institute for Pediatric Neuroscience at the NYU Child Study Center, New York, United States

1196 MT-PM*

Genetic Analyses of Resting-State Studies in Adolescent Twins: Preliminary Results (O-T2)

F. Xavier Castellanos, Xi-Nian Zuo, Kathleen Williams, Saroja Bangaru, Clare Kelly, Maarten Mennes, Damien Fair, Bharat B Biswal, Margaret Wright, Nicholas Martin, Greig de Zubicaray, Katie McMahon, Ian Hickie, Michael Milham, Phyllis Green and Randolph C wen Institute for Pediatric Neuroscience at the NYU Child Study Center, New York, United States

1198 MT-PM

Self-construal and the intrinsic functional connectivity of medial prefrontal cortex

Daniel Margulies, Christiane Rohr, Shereen Chaudhry, Isabelle Bareither, Arno Villringer, Suparna Choudhury, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

MODELING AND ANALYSIS

Univariate Modeling, Linear and Nonlinear

1200 MT-PM

Compressive estimation of distributed neuromagnetic sources

Wei-Tang Chang, Fa-Hsuan Lin, Aapo Nummenmaa, National Taiwan University, Taipei, Taiwan, Republic of China

1202 MT-PM

Building subject-optimized fMRI analyses to explore brain activations during anal contraction

Hector Ortiz, Jesus Pujol, Miquel Martinez-Vilalta, Carles Soriano-Mas, Yolanda Maestre Gonzalez, Marina López-Solà, Silvia Delgado-Aros, Oren Contreras, Javier Rosell, David Parés, Institut d'Alta Tecnologia-PRBB, CRC Hospital del Mar, Barcelona, Spain

1204 MT-PM

Morphogenesis of human brain gyrification through reaction-diffusion mechanisms

Julien Lefèvre, Jean-François Mangin, LSIS, UMR 6168, Université Aix-Marseille 2, Marseille, France

1206 MT-PM

On the inference by permutation tests used in neuroimaging: Adaptive thresholds with strong control

Roberto Viviani, University of Ulm, Ulm, Germany

1208 MT-PM

What is the statistical difference between SPM5 and the BrainVISA fMRI toolbox?

Philippe CIUCIU, Séverine DESMIDT, Thomas VINCENT, Séverine ROGER, Bertrand Thirion, Alexis ROCHE, CEA - NeuroSpin, Gif sur Yvette, France

1210 MT-PM

Nonlinear HRF model identification using multiple model set valued observers

Patrícia Figueiredo, Carlos Silvestre, Paulo Rosa, Instituto Superior Técnico - Technical University of Lisbon, Lisboa, Portugal

1212 MT-PM

Estimation of single-trial waveform, amplitude and latency for EEG/MEG data with multiple components

Wouter Weeda, Raoul Grasman, Lourens Waldorp, Hilde Huizenga, University of Amsterdam, Amsterdam, Netherlands

1214 MT-PM

Circularity Revisited: Valid Same-Data Selection and Analysis

Gerard Ridgway, University College London, London, United Kingdom

1216 MT-PM

Analyzing simulated and observed fMRI results on brightness induction in a “Common Brain Space”

Judith Peters, Bert Jans, Vincent van de Ven, Peter de Weerd, Rainer Goebel, Netherlands Institute for Neuroscience, Amsterdam, Netherlands

1218 MT-PM

Extracting quantitative trait from fMRI data for imaging genetics studies

Vincent Frouin, Benjamin Thyreau, Alexis Barbot, Christophe Lalanne, Thirion Bertrand, Poline Jean-Baptiste, CEA I2BM, Gif/sur/Yvette, France

1220 MT-PM*

Using tensor based morphometry to explore differential tissue growth patterns in normal fetal brains (0-W3)

Vidya Rajagopalan, Francois Rousseau, Piotr Habas, Kio Kim, James Corbett-Detig, Orit Glenn, A. James Barkovich, Colin Studholme, University of California San Francisco, San Francisco, United States

1222 MT-PM

The Kullback-Leibler Divergence between the Distribution of fMRI Data and the Convolution Model

Wakako Nakamura, Yujiro Inouye, Interdisciplinary Faculty of Science and Engineering, Shimane University, Matsue, Japan

1224 MT-PM

Single-Trial Decomposition of MEG Evoked Fields by Combining Template Matching and Matching Pursuit

Marcus Jörn, Cezary Sielu ycki, Jarosław ygierewicz, Marek Matysiak, Piotr Durka, Reinhard König, Leibniz Institute for Neurobiology, Special Lab Non-invasive Brain Imaging, Magdeburg, Germany

1226 MT-PM

Detecting Signals in FMRI Data

Martina Pavlicova, Columbia University, Biostatistics Department, New York, United States

MOTOR BEHAVIOR

Cerebellum

1228 MT-PM

The role of the cerebellum in error correction during sensorimotor synchronization

Janine Bijsterbosch, Kwang-Hyuk Lee, Michael Hunter, Daniel Tsoi, Sudheer Lankappa, Iain Wilkinson, Antony Barker, Peter Woodruff, University of Sheffield, Sheffield, United Kingdom

1230 MT-PM

Time-dependent changes in effective connectivity in the cortico-cerebellar system

Matt Apps, Elise Lesage, Narender Ramnani, Royal Holloway, University of London, Egham, United Kingdom

1232 MT-PM

Mapping Resting State Connectivity of the Human Deep Cerebellar Nuclei

Jessica Bernard, Scott Peltier, Christopher Monk, Jillian Lee Wiggins, Rachael Seidler, University of Michigan, Ann Arbor, United States

1234 MT-PM

Gray and white matter alterations in spinocerebellar ataxia type 7: an in vivo DTI and VBM study

Sarael Alcauter, Rosalinda Díaz, Fernando Barrios, Juan Fernández-Ruiz, PDCB, Universidad Nacional Autónoma de México / Instituto Nacional de Psiquiatría INPRF, MEXICO D.F., Mexico

MOTOR BEHAVIOR

Hand Movements

1236 MT-PM

fMRI-compatible Hand Tracking System using the Nintendo Wii Remote

Cristián Modroño, Antonio Rodríguez-Hernández, Francisco Marcano, Gorka Navarrete, Enrique Burunat, Marta Ferrer, Jose Landeira, José González-Mora, University of La Laguna, Tenerife, Spain

1238 MT-PM

Intermanual transfer by motor imagery; An fMRI study

Kaoru Amemiya, Shozo Kojima, University of Tokyo, Tokyo, Japan

1240 MT-PM

Intraparietal regions contribute to action intention discrimination during observed tool grasping

Guy Vingerhoets, Elisabeth Vandekerckhove, Pieterjan Honoré, Jo Nys, Pieter Vandemaele, Eric Achten, Ghent University, Ghent, Belgium

1242 MT-PM

GRAY MATTER CHANGES AND MOTOR LEARNING IN HEALTHY HUMANS: A TENSOR-BASED MORPHOMETRY STUDY

Rocca Maria A., Ceccarelli Antonia, Riccitelli Gianna, Elisabetta Pagani, Gatti Roberto, Rossi Alice, Stefanelli Laura, Falini Andrea, Giancarlo Comi, Massimo Filippi, Scientific Institute and University Hospital San Raffaele, Milan, Italy

1244 MT-PM

Finger tapping effect on regional homogeneity of sensorimotor cortex

Yating Lv, Xiangyu Long, Daniel Margulies, Arno Villringer, Yufeng Zang, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

1246 MT-PM

Brain Areas for the production of On-beat and Off-beat Tapping with Singing: an fMRI Study

Hiroshi Kinoshita, Satoshi Obata, Madoka Fukami, Shizuka Uetsuki, Tatsuya Kakigi, Kazumasa Yokoyama, Osaka University, Toyonaka, Osaka, Japan

1248 MT-PM

motor functions and brain activation patterns according to mirror movements in patients with stroke

Mi-Young Lee, Jin-Ho Choi, Ji-Won Park, Ji-Heon Hong, Sung-Ho Jang, Daegu Hanny University, Daegu, Korea, Republic of

1250 MT-PM

Neuromagnetic modulation during action observation and execution

Valentina Sebastiani, Stefania Della Penna, Dante Mantini, Francesco de Pasquale, Vittorio Pizzella, GianLuca Romani, ITAB and Department of Clinical Sciences and Bio-imaging, "G. D'Annunzio" University, Chieti, Italy, Chieti, Italy

1252 MT-PM

Sensory context determines motor goal representation in human "parietal reach region"

Pierre-Michel Bernier, Scott Grafton, University of California Santa Barbara, Goleta, United States

1254 MT-PM

Difference between a real sequential finger and imagery movements: An fMRI study

Ueno Takefumi, Kiichiro Morita, Masayuki Inoue, International University of Health and Welfare, Fukuoka, Japan

1256 MT-PM

Posture modulates activity in a ventral parieto-frontal circuit during imagined grasping

Marius Zimmermann, Ruud Meulenbroek, Robrecht van der Wel, Floris de Lange, Radboud University Nijmegen, Donders Institute, Nijmegen, Netherlands

1258 MT-PM

Changes in regional activity in motor cortex during intensive physiotherapy in patient after stroke

Ewa Piatkowska - Janko, Piotr Bogorodzki, Maciej Krawczyk, Tomasz Wolak, Grzegorz Goworek, Iwona Szatkowska, Pawel Soluch, Warsaw University of Technology, Institute of Radioelectronics, Warsaw, Poland

1260 MT-PM*

Parieto-frontal circuits integrating perceptual information into a motor plan – a TMS-EEG study (O-Th1)

Lennart Verhagen, Ole Jensen, Ivan Toni, Chris Dijkerman, Radboud University Nijmegen, Donders Institute, Nijmegen, Netherlands

1262 MT-PM

A MR Compatible Sensing Glove for Brain Studies

Nicola Vanello, Valentina Hartwig, Mario Tesconi, Emiliano Ricciardi, Giuseppe Zupone, Alessandro Tognetti, Daniela Bonino, Enzo Scilingo, Fabrizio Cutolo, Giulio Giovannetti, Pietro Pietrini, Danilo De Rossi, Luigi Landini, Department of Information Engineering, University of Pisa, Pisa, Italy

MOTOR BEHAVIOR

Motor-Premotor Cortex / Motor Cortical Functions

1264 MT-PM

Illusory sensation of movement induced by repetitive transcranial magnetic stimulation

Mark Christensen, Jesper Lundbye-Jensen, Michael Grey, Alexandra Vejlbj, Bo Belhage, Jens Nielsen, Copenhagen University Hospital Hvidovre, Hvidovre, Denmark

1266 MT-PM

Eureka! Understanding tool use

Ferdinand Binkofski, Mareike Menz, RWTH Aachen University, Aachen, Germany

1268 MT-PM

Synchronous oscillatory interaction between human primary motor cortex and finger muscles

Man Yoel Lim, June Sic Kim, Chun Kee Chung, Seoul National University, Seoul, Korea, Republic of

1270 MT-PM*

GABAergic tone and its responsiveness to modulation reflect individual performance of motor tasks (O-W4)

Velicia Bachtiar, Charlotte Stagg, Heidi Johansen-Berg, Oxford Centre for Functional Magnetic Resonance Imaging of the Brain (FMRIB), University of Oxford, Oxford, United Kingdom

1272 MT-PM

Assessing haemodynamic causes underlying hemispheric asymmetry in BOLD response in M1

Ian Driver, Jamila Andoh, Nicholas Blockley, Susan Francis, Penny Gowland, Tomas Paus, University of Nottingham, Nottingham, United Kingdom

1274 MT-PM

Favoritism in the motor system: Action simulation is modulated by social interaction

Dimitrios Kourtis, Natalie Sebanz, Guenther Knoblich, Radboud University Nijmegen / Donders Institute for Brain, Cognition and Behaviour, Nijmegen, Netherlands

1276 MT-PM

Corpus callosum FA as a biomarker for amyotrophic lateral sclerosis

Martin Turner, Nicola Filippini, Clare Mackay, Gwenaelle Douaud, Steven Knight, Kevin Talbot, University of Oxford, Oxford, United Kingdom

1278 MT-PM

fMRI Assessment of arm related cortical activation with an MR-compatible arm-robot

Natalia Estévez, Ningbo Yu, Michael Bruegger, Christoph Hollnagel, Michael Villiger, Marie-Claude Hepp-Reymond, Roger Gassert, Martin Meyer, Robert Riener, Spyros Kollias, Institute of Neuroradiology, University Hospital Zurich, Zurich, Switzerland

1280 MT-PM

Anatomical and spatial components of intransitive actions imitation: an fMRI study

Paola Mengotti, Corrado Corradi-Dell'Acqua, Raffaella Ida Rumiati, SISSA, Trieste, Italy

1282 MT-PM

Brain activity and network in self-paced and externally driven movement rhythms

Mukesh Dhamala, Bhim Adhikari, Kristen Quinn, Joshua Ehrenberg, Charles Epstein, Mukesh Dhamala, Georgia State University, Atlanta, United States

1284 MT-PM

Investigation of the functional connectivity in elite athletes using resting-state fMRI

Zheng Song, Jun Li, Min Lu, Hengchan Yin, Liming Zhou, Xiongying Chen, Yufeng Zang, Yuejia Luo, Ruiwang Huang, Jun Wang, State Key lab of Cognitive Neuroscience and Learning, Beijing Normal University, Beijing, China

1286 MT-PM

fMRI Study of Laparoscopic Surgery Training

Parisa Bahrami, Tom Schweizer, Fred Tam, Teodor Grantcharov, Michael Cusimano, Simon Graham, University of Toronto, Toronto, Canada

1288 MT-PM

Observing your dance partner: Action observation in a complementary mode

Sebastian Pilgram, Kristin Schultze, Lukas Brzezina, Britta Lorey, Rudolf Stark, Jörn Munzert, Dieter Vaitl, Karen Zentgraf, University Giessen, Giessen, Germany

1290 MT-PM

G-CSF prevents the progression of structural disintegration of white matter tracts in ALS

Thomas Duning, Deppe Michael, Hagen Schiffbauer, Siawoosh Mohammadi, Tobias Warnecke, Harald Kugel, Stefan Knecht, Wolf-Rüdiger Schäbitz, University Hospital Muenster, Muenster, Germany

1292 MT-PM

Age-related white matter hyperintensities alter the functional organization of the motor system

Patricia Linortner, Reinhold Schmidt, Stefan Ropele, Margit Jehna, Barbara Pendl, Katja Petrovic, Christa Neuper, Franz Fazekas, Christian Enzinger, Medical University of Graz, Graz, Austria

1294 MT-PM

Decoding of movement intention in the human brain

Sangkyun Lee, Sergio Ruiz, Claudia Schneider, Niels Birbaumer, Ranganatha Sitaram, International Max Planck Research School, Tuebingen, Germany

1296 MT-PM

Neural Signatures of Proficiency: Evidence From The Human Primary Motor Cortex

Shalini Narayana, Angela Laird, Karl Li, Crystal Franklin, Wei Zhang, Jinhu Xiong, Peter Fox, University of Texas Health Science Center at San Antonio, San Antonio, United States

1298 MT-PM

Can motor cortex activity predict motor recovery? An fMRI study on subacute lacunar stroke

Assia Jaillard, Marc Hommel, Chantal DELON MARTIN, Leeanne Carey, Irène Tropres, Laurent Lamalle, Jean-François Le Bas, Grenoble University Hospital, Grenoble, France

1300 MT-PM

Age related changes in motor system connectivity assessed with Dynamic Causal Modelling

Marie-Hélène Boudrias, Carla Sá Gonçalves, Penelope Talelli, Will Penny, Nick Ward, UCL, Institute of Neurology, London, United Kingdom

1302 MT-PM

Clusters of fMRI activation in the SMA reflect motor and non-motor rhythm processing

Michael Schwartz, Kathrin Roethermich, Sonja Kotz, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

1304 MT-PM

Action selection representations in frontal and parietal cortex

Jerome Sanes, Patrick Bédard, Theeradej Thaweerattanasin, Brown University, Providence, United States

1306 MT-PM

Temporal and Spatial Dynamics of the Frontoparietal Cortical Activity during Reaching

Blaž Koritnik, Ignac Zidar, Aleš Hribar, Martin Rakuša, Marko Munih, Janez Zidar, Institute of Clinical Neurophysiology, University Medical Centre Ljubljana, Ljubljana, Slovenia

1308 MT-PM

Ventral premotor cortex drives preference for musical beats – evidence from fMRI and rTMS

Katja Kornysheva, Thomas Jacobsen, Anne-Marika Schiffer, D. Yves von Cramon, Ricarda I. Schubotz, Max Planck Institute for Neurological Research, Cologne, Germany

1310 MT-PM

Observing ones' own and others' actions: fMRI during the prediction of action effects

Matthias Bischoff, Karen Zentgraf, Rudolf Stark, Jörn Munzert, Justus-Liebig-University Giessen, Giessen, Germany

1312 MT-PM

Defining Sensory Mechanisms of Voice Control using Transcranial Magnetic Stimulation

Sabina Flagmeier, Donald Robin, William Rogers, Amy Ramage, Peter Fox, Shalini Narayana, Charles Larson, University of Texas Health Science Center at San Antonio, SAN ANTONIO, United States

1314 MT-PM

Identifying Sensory Mechanisms of Voice Control using Functional Magnetic Resonance Imaging

Sabina Flagmeier, Donald Robin, William Rogers, Amy Ramage, Peter Fox, Shalini Narayana, Charles Larson, University of Texas Health Science Center at San Antonio, SAN ANTONIO, United States

1316 MT-PM

Longitudinal Interhemispheric Motor Cortex Functional Connectivity During Rest in ALS

Laura Jelsone-Swain, Rebecca Hovatter, Kristen Gruis, Robert Welsh, University of Michigan, Ann Arbor, United States

1318 MT-PM

Is the activation of the human mirror neuron system action or effector specific?

Markus Hoeren, Hiess Jörg, Irina Mader, Cornelius Weiller, Farsin Hamzei, Department of Neurology, University Medical Center Freiburg, Freiburg, Germany

NEUROANATOMY

DTI Studies, Application

1320 MT-PM

ConnectomeViewer - Multi-Modal Multi-Level Network Visualization and Analysis

Stephan Gerhard, Jean-Philippe Thiran, Patric Hagmann, Ecole Polytechnique Fédérale de Lausanne, Lausanne, Switzerland

1322 MT-PM

Multi-parametric MRI Analysis Demonstrates White Matter Alterations in Amyotrophic Lateral Sclerosis

Alexander Unrath, Hans-Peter Mueller, Dorotheé Lulé, Axel Riecker, Albert Ludolph, Jan Kassubek, University of Ulm, Ulm, Germany

1324 MT-PM

DTI as a Marker for Regional White Matter Tract Alterations in Rare Motor Neuron Diseases

Jan Kassubek, Hans-Peter Mueller, Axel Riecker, Anne Sperfeld, Albert Ludolph, Alexander Unrath, University of Ulm, Ulm, Germany

1326 MT-PM*

Striato-Cortical Probabilistic Connectivity Atlases to infer Biomarkers of Huntington's Disease (O-Th2)

Linda Marrakchi-Kacem, Fabrice Poupon, Alan TUCHOLKA, Pauline Roca, Christine Delmaire, Jérôme Yelnik, Eric Bardinet, Alexandra Durr, Jean-François Mangin, Stephane Lehericy, Cyril Poupon, NeuroSpin, CEA, Gif-Sur-Yvette, France

1328 MT-PM

Gender-specific dependence between body weight and brain connectivity using diffusion tensor imaging

Karsten Mueller, Alfred Anwander, Annette Horstmann, Burkhard Pleger, Joeran Lepsien, Franziska Busse, Michael Stumvoll, Arno Villringer, Harald Möller, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

1330 MT-PM

Microstructural brain lesions in patients with idiopathic narcolepsy

Katja Menzler, Marcus Belke, Tim Ohletz, Boris Keil, Johannes Heverhagen, Felix Rosenow, Geert Mayer, Carsten Möller, Marcus Unger, Wolfgang Oertel, Susanne Knake, University of Marburg, Marburg, Germany

1332 MT-PM

Novel tractography evidence for a caudal-rostral gradient of convergence in the human temporal lobe

Richard Binney, Karl Embleton, Geoffrey Parker, Matthew Lambon Ralph, Neuroscience and Aphasia Research Unit, School of Psychological Sciences, University of Manchester, Manchester, United Kingdom

1334 MT-PM

Diffusion-weighted connectivity-based delineation of basal ganglia using hierarchical classification

Arnaud Messé, Christine Delmaire, Yulia Worbe, Guillaume Marrelec, Romain Valabrègue, Caroline Malherbe, Jérôme Yelnik, Linda Marrakchi-Kacem, Cyril Poupon, Eric Bardinet, Alexandra Durr, Habib Benali, Stephane Lehericy, UMR-S 678 Inserm/UPMC, Laboratoire d'imagerie fonctionnelle, Paris, France

1336 MT-PM

Diffusion Abnormalities Detected by Tract-Based Spatial Statistics in Children with Sickle Cell Disease

Richard Jones, Binjian Sun, Laura Hayes, Robert Brown, Thomas Burns, Children's Healthcare of Atlanta, Atlanta, United States

1338 MT-PM

Piconmat.com: A Web-based Probabilistic Tractography Resource

Chris Rose, David Morris, Hamied Haroon, Karl Embleton, Nikos Logothetis, Matthew Lambon Ralph, Geoffrey Parker, The University of Manchester, Manchester, United Kingdom

1340 MT-PM

White Matters: Musical Training & Temporo-Frontal Fiber Tracts in Children

Gus Halwani, Lin Zhu, Andrea Norton, Psyche Loui, Ellen Winner, Gottfried Schlaug, Harvard Medical School - MIT, Cambridge, United States

1342 MT-PM

The Curvature Range Measurement of Arcuate Fasciculus using Diffusion Tensor Tractography

Dong-hoon Lee, Cheol-Pyo Hong, Ji-Won Park, Department of Radiological Science, College of Health Science, Yonsei University, Wonju, Gangwondo, Korea, Republic of

1344 MT-PM

Alterations of White Matter Integrity and Cortical Thickness in Traumatic Optic Neuropathy

Meng Li, Wei Shi, Jing Li, Wenjing Li, Ningli Wang, Zhenchang Wang, Junfang Xian, Huiguang He, Institute of Automation, Chinese Academy of Sciences, Beijing, China

1346 MT-PM

Impaired Fiber Tract Subnetwork in Schizophrenia

Andrew Zalesky, Alex Fornito, Luca Cocchi, Marc Seal, Carl-Fredrik Westin, Gary F. Egan, Ed Bullmore, Christos Pantelis, University of Melbourne, Melbourne, Australia

1348 MT-PM

The Axon and Myelin Degradation After Carbon Monoxide Intoxication on Diffusion Tensor Image

Chun-Yi Lo, Wei-Che Lin, Chih-Hsueh Wang, Ching-Po Lin, National Yang Ming University, Taipei, Taiwan, Republic of China

1350 MT-PM

Localization of regionally specific white matter changes in pre-manifest and early manifest Huntington

Eve Dumas, Simon van den Bogaard, Mike Sharman, Jeroen van der Grond, Raymund Roos, Leiden University Medical Centre, Leiden, Netherlands

1352 MT-PM

A Major Role of The Left Prefrontal Cortex for Face Recognition: Revealed by Disrupted Connections

Kwan-Jin Jung, Hae-Song Jung, University of Pittsburgh, Pittsburgh, United States

1354 MT-PM

Diffusion Tensor Imaging Correlates with Neurocognitive Performance in Cerebellar Ataxia Patients

Najeff Waseem, Pierre-Louis Bazin, Seth Smith, Sarah Ying, Johns Hopkins University, Baltimore, United States

1356 MT-PM

Asymmetry in the cerebral control of human swallowing: preliminary evidence using DWI Tractography

Satish Mistry, Emilia Michou, Salil Singh, Samantha Jefferson, Karl Embleton, Hamied Haroon, David Morris, Geoffrey Parker, Steve Williams, Shaheen Hamdy, University of Manchester, Salford, United Kingdom

1358 MT-PM

Microstructural Correlations of White Matter Tracts in the Human Brain

Sara LaHue, Michael Wahl, Yi-Ou Li, Joshua Ng, Shelly Cooper, Elliott Sherr, Pratik Mukherjee, Department of Radiology & Biomedical Imaging, University of California, San Francisco, San Francisco, United States

1360 MT-PM

Sex Differences in the Temporal Lobe White Matter and the Corpus callosum: A DTI study

Chi-Hoon Choi, Jong-Min Lee, Dae-Shik Kim, Jun Soo Kwon, In Young Kim, Hyang E Shim, Department of Radiology, National Medical Center, Seoul, Korea, Republic of

1362 MT-PM

DTI-Based In Vivo Mapping of Subregions within the Human Hypothalamus

Frederike Petzold, Peter Schönknecht, Alfred Anwander, Thomas Knösche, Ulrich Hegerl, Robert Turner, Stefan Geyer, Department of Psychiatry and Psychotherapy, University Hospital, Leipzig, Germany, Leipzig, Germany

1364 MT-PM

Diffusion tensor imaging reveals white matter abnormality in normal express saccades makers

Xiaoqi Huang, Nabin Amatya, Paul Knox, Qiyong Gong, West China Hospital of Sichuan University, Chengdu, China

1366 MT-PM

Brain Connectivity Analysis in Children. Effects of Prematurity and Prenatal Growth Restriction

elda fischi, Leila Cammoun, Djalel Meskaldji, Patric Hagmann, Reto Meuli, François Lazeyras, Petra Hüppi, Jean-Philippe Thiran, EPFL, Lausanne, Switzerland

1368 MT-PM

Inter-subject Connectivity-based Parcellation of the Human Post-central Gyrus

Pauline ROCA, Alan TUCHOLKA, Denis Rivière, Pamela Guevara, Cyril Poupon, Jean-François Mangin, CEA Neurospin, Gif-sur-Yvette, France

1370 MT-PM*

Connectivity-based segmentation of human amygdala nuclei using probabilistic tractography (O-T1)

Zeynep Saygin, David Osher, Andre van der Kouwe, John Gabrieli, Massachusetts Institute of Technology, Cambridge, United States

1372 MT-PM

White Matter Development and Asymmetry Mapped with DTI in 184 Twins aged 12-21

Neda Jahanshad, Jason Stein, Katie McMahon, Greig de Zubicaray, Nicholas Martin, Margaret Wright, Ian Hickie, Arthur Toga, Paul Thompson, Laboratory of Neuro Imaging UCLA, Los Angeles, United States

1374 MT-PM

Consistency of automatic thalamus segmentation using DTI
vinod kumar, Sarah Mang, Wolfgang Grodd, Section on Exp MR of the CNS, Tuebingen, Germany

1376 MT-PM

Lateral differences revealed by structural and functional connectivity of the subcallosal cingulate

Ki Sueng Choi, Alexandre Franco, Paul Holtzheimer, David Gutman, Jaemin Shin, Xiaoping Hu, Helen Mayberg, Georgia Institute of Technology/Emory University, Atlanta, United States

1378 MT-PM

Corpus Callosum Diffusion Tensor Analysis and Cognitive Dysfunction in Early Multiple Sclerosis

Carolina Rimkus, Katarina Lyra, Marcel Jackowsky, Thiago Junqueira, Dagoberto Callegaro, Maria Otaduy, Claudia Leite, Department of Radiology, Faculty of Medicine - University of Sao Paulo, São Paulo, Brazil

1380 MT-PM

Metabolic Changes in the Brains of Concussed Athletes in the Acute and Chronic Post-injury Phases

Luke Henry, Yvan Boulanger, Sébastien Tremblay, Dave Ellemberg, Maryse Lassonde, Université de Montréal, Montreal, Canada

NEUROANATOMY

Physiology, Metabolism and Neurotransmission

1382 MT-PM

Sources of left hemisphere dominance for language in auditory cortical rhythms

Benjamin Morillon, Katia Lehongre, Anne-Lise Giraud, Inserm U960 - Ecole Normale Supérieure, Paris, France

1384 MT-PM

BOLD signal saturation in visual cortex during carbogen breathing

Claudine Gauthier, Cécile Madjar, Felipe Tancredi, Bojana Stefanovic, Richard Hoge, Université de Montréal, Montreal, Canada

1386 MT-PM

Aging effect on adenosine A1 receptors in human putamen — A MPDX PET study—

Masahiro Mishina, Yuichi Kimura, Kenji Ishii, Muneyuki Sakata, Keiichi Oda, Shiro Kobayashi, Yasuo Katayama, Kiichi Ishiwata, Nippon Medical School Chiba-Hokusoh Hospital, Inba-gun, Japan

1388 MT-PM

The Association between Prefrontal Activation of Pregnant Women to Affective Stimuli and Hormones

Annerine Roos, Frances Robertson, Christine Lochner, Bavi Vythilingum, Dan Stein, MRC Unit on Anxiety & Stress Disorders, Stellenbosch University, Cape Town, South Africa

1390 MT-PM

Sex specific differences in adult brain structure associated with free testosterone levels

Anna Barnes, Mael Lebreton, Jouko Miettunen, Leena Peltonen, Khanum Ridler, Juha Veijola, Paivikki Tanskanen, John Suckling, Marjo-Riitta Jarvelin, Peter Jones, Matti Isohanni, Edward Bullmore, Graham Murray, University of Cambridge, Cambridge, United Kingdom

1392 MT-PM

MR Spectroscopy Measures of Metabolites in Active Brain States – Cerebral Hemispheric Variations

Mick Hunter, Neva Bull, Peter Stanwell, University of Newcastle, Callaghan, Australia

1394 MT-PM

Effects of inflammation on vasoreactivity, white matter hyperintensity and brain volume in diabetes

Peng Zhao, Brad Manor, Medha Munshi, David Alsop, Amir Abduljalil, Peter Novak, Paula Roberson, Vera Novak, Beth Israel Deaconess Medical Center, Boston, United States

1396 MT-PM

The temporal structures and functional significance of scale-free brain activity

Biyu He, John Zempel, Abraham Snyder, Marcus Raichle, Washington University School of Medicine, St. Louis, United States

1398 MT-PM

Withdrawn

1400 MT-PM

The Dual Action of Ryanodine on Calcium Communication in the Corneal Endothelium

Dror Kraus, Igor Kaiserman, Schneider Childrens Medical Center Israel, Netanya, Israel

SENSORY SYSTEMS

Pain and Autonomic Function

1402 MT-PM

Delayed Neuronal Effects after Acupuncture Manipulation using BOLD-based fMRI

Geon-Ho Jahng, Kyoung-Hwan Rheu, Chang-Woo Ryu, Sabina Lim, East West Neo Medical Center of Kyung Hee University, Seoul, Korea, Republic of

1404 MT-PM

Effects of Morphine and Alcohol on Resting-State Cerebral Blood Flow

Najmeh Khalili Mahani, Matthias J. P. Van Osch, Evelinda Baerends, Remco W Zoethout, Roelof P. Soeter, Mark A. van Buchem, Joop M. A. Van Gerven, Serge A.R.B. Rombouts, Leiden University, Leiden, Netherlands

1406 MT-PM

Brain responses to pain in Zen meditators during a non-meditative state

Joshua Grant, Jerome Courtemanche, Pierre Rainville, Universite de Montreal, Montreal, Canada

1408 MT-PM

Structural disposition for endogenous pain control – A DTI study

Niklas Stein, Christian Sprenger, Falk Eippert, Ulrike Bingel, University Medical Center Hamburg, Hamburg, Germany

1410 MT-PM

Grey matter decrease in chronic pain is secondary to the disease

Rea Rodriguez-Raecke, Andreas Niemeier, Kristin Ihle, Wolfgang Ruether, Arne May, Universitätsklinikum Hamburg Eppendorf, Hamburg, Germany

1412 MT-PM

Modulation of Heat Pain Processing by Physical Exercise in Athletes: First Evidence with fMRI

Lukas Scheef, Jakob Jankowski, Marcel Daamen, Gunther Weyer, Markus Klingenberg, Sarah Mueckter, Julia Renner, Britta Schürmann, Frank Musshoff, Michael Wagner, Hans Schild, Andreas Zimmer, Henning Boecker, Functional Neuroimaging Group, Department of Radiology, University of Bonn, Bonn, Germany

1414 MT-PM*

Threat-dependent modulation of anterior insula connectivity predicts pain (O-W5)

Kay Henning Brodersen, Katja Wiech, Chia-Shu Lin, Irene Tracey, Department of Computer Science, ETH Zurich, Zurich, Switzerland

1416 MT-PM

Cortical grey matter reflects fMRI pain responses and cognitive modulation strategies during pain

Nathalie Erpelding, Massieh Moayedi, David Seminowicz, Adrian Crawley, Karen Davis, Toronto Western Hospital, Toronto, Canada

1418 MT-PM

Distraction from a painful laser stimulus in fibromyalgia, arthritis and healthy volunteers

Alison Watson, Andrea Power, Ann Lenton, Wael El-Deredy, Christopher Brown, Anthony Jones, University of Manchester, Manchester, United Kingdom

1420 MT-PM

Dynamic EEG-informed fMRI modeling of the pain matrix using 20ms root mean square segments

Juergen Brinkmeyer, Georg Winterer, Tracy Warbrick, Francesco Musso, Hans-Joerg Wittsack, Andreas Saleh, Alfons Schnitzler, Arian Mobascher, Heinrich-Heine University, Duesseldorf, Germany

1422 MT-PM

Unique cortical morphological imprints for different chronic pain conditions in humans

Marwan N Baliki, Bogdan Petre, Vania Apkarian, Northwestern University, Chicago, United States

1424 MT-PM

Hub maps reveal reduced resting-state connectivity of insular cortex in patients with chronic pain

Pavan Ramkumar, Sanna Malinen, Nuutti Vartiainen, Yevhen Hlushchuk, Nina Forss, Eija Kalso, Riitta Hari, Brain Research Unit, Low Temperature Laboratory, Aalto University School of Science and Technology, Espoo, Finland

1426 MT-PM

Neuroimaging and Gene Expression Phenotypes in a Model of Ongoing Post-Surgical Pain

Kristina Krause, Anbarasu Lourdusamy, Matthew Howard, Tara Renton, Nadine Khawaja, Zelaya Fernando, Geoffrey Johnston, John Huggins, William Vennart, Steve Williams, Gunter Schumann, Kings College London, London, United Kingdom

1428 MT-PM

Functional Brain Connectivity is Modulated Both During and After Electro-acupuncture

Jieun Kim, Kyungmo Park, Lauren LaCount, Jeungchan Lee, Steve Cina, Norman Kettner, Vitaly Napadow, MGH/HMS/MIT Martinos Center for Biomedical Imaging, Massachusetts General Hospital, Boston, United States

1430 MT-PM

The Effects of Vibratory Therapy on Chronic Pain after Median Nerve Injury - a Behavioral and fMRI Study

Jiro Kurata, Kyoto University Graduate School of Medicine, Kyoto, Japan

1432 MT-PM

Activity in somatosensory cortices correlates with TMS induced increases in pain perception

Christoph Ritter, Markus Köhler, Hartwig Siebner, Thorsten Bartsch, Department of Neurology, Schleswig-Holstein University Hospital, Kiel, Germany

1434 MT-PM

Modulation of positive emotion on pain perception and emotion regulation

Yu-Chen Lan, Li-Fen Chen, Jen-Chuen Hsieh, Institute of Brain Science, Yang-Ming University, Taiwan, Keelung, Taiwan, Republic of China

1436 MT-PM

PhMRI of Nalbuphine vs. Naloxone/Nalbuphine in Healthy Volunteers

James Bishop, Jaymin Upadhyay, Lauren Nutile, Julie Anderson, Ed George, Robert Gear, Becerra Lino, Jon Levine, David Borsook, McLean Hospital, Belmont, United States

1438 MT-PM

Functional brain connectivity is altered during prolonged experimental pressure pain

Jieun Kim, Marco Loggia, Robert Edwards, Ajay Wasan, Lauren LaCount, Ang Li, RANDY GOLLUB, Richard Harris, Kyungmo Park, Vitaly Napadow, MGH/HMS/MIT Martinos Center for Biomedical Imaging, Massachusetts General Hospital, Boston, United States

1440 MT-PM

Near Infrared Spectroscopy Study of Electrical Pain

Lino Becerra, Margaret Grant, Edward George, David Boas, David Borsook, MGH - Harvard Medical School, Boston, United States

1442 MT-PM

Effects of predictable and unpredictable pain on pain-related brain activation and pain perception

Herta Flor, Martin Diers, Pinar Yilmaz, Mariela Rance, Central Institute of Mental Health, University Heidelberg, Mannheim, Germany

SENSORY SYSTEMS

Tactile/Somatosensory

1444 MT-PM

Event-related mapping of human primary somatosensory cortex at 7T

Julien Besle, Rosa Sanchez-Panchuelo, Richard Bowtell, Susan Francis, Denis Schluppeck, University of Nottingham, Nottingham, United Kingdom

1446 MT-PM

Subliminal Somatosensory Stimulation and Cortical Inhibitory Processes

Till Nierhaus, Sophie Piper, Susanne Holtze, Birol Taskin, Jens Steinbrink, Arno Villringer, Charité Berlin, Berlin, Germany

1448 MT-PM

Pain processing in fibromyalgia syndrome and masochistic behavior

Bettina Pollok, Vanessa Krause, Valery Legrain, Ploner Markus, Alfons Schnitzler, Heinrich-Heine University, Duesseldorf, Germany

1450 MT-PM

Linearity of neural responses in the somatosensory cortex and their relationship to BOLD fMRI

Fan Wang, Claire Stevenson, Matthew Brookes, Susan Francis, Peter Morris, SPMMRC, Nottingham, United Kingdom

1452 MT-PM

Two-dimensional somatotopic mapping of the human face

Ruey-Song Huang, Martin Sereno, University of California San Diego, La Jolla, United States

1454 MT-PM

Exploring the feasibility of correlating evoked and BOLD responses using simultaneous EEG/fMRI at 7T

Karen Mullinger, Claire Stevenson, Susan Francis, Richard Bowtell, University of Nottingham, Nottingham, United Kingdom

1456 MT-PM

Evidence for coding intensity of painless stimuli to the oral cavity in the parietal operculum

Michael Bruegger, Michael Meier, Dominik Ettl, Ashley Barlow, Roger Luechinger, Lutz Jancke, Kai Lutz, Institute of Psychology, Department of Neuropsychology, University of Zurich, Zurich, Switzerland

1458 MT-PM

Increased Connectivity of the Insular Cortex in a Female Lacking Large Myelinated Afferents

Marta Ceko, David Seminowicz, Hakan Olausson, M. Catherine Bushnell, McGill University, Montreal, Canada

1460 MT-PM

Interhemispheric interactions of the human primary somatosensory cortex

Patrick Ragert, Till Nierhaus, Arno Villringer, MPI Leipzig, Leipzig, Germany

1462 MT-PM

Positive and negative BOLD responses in human S1 to suprathreshold low-frequency nerval stimulation

Biröl Taskin, Susanne Holtze, Robert Turner, Arno Villringer, Charité Berlin, Berlin, Germany

1464 MT-PM

Cortical representation of the human hand assessed by SEPs. Effect of rTMS

Bérengère Houzé, Caroline Perchet, Michel Magnin, Luis Garcia-Larrea, INSERM U879, Bron, France

1466 MT-PM

Connectivity modulation related to consistency in spatial tactile egocentric discrimination

Francis R. Loayza, Maria Fernandez-Seara, Maite Aznárez-Sanado, Maria Pastor, CIMA - University of Navarra, Pamplona, Spain

1468 MT-PM

Neuromagnetic source imaging of median nerve response of Parkinson's patient during DBS

Rey Ramirez, Brian Kopell, Christopher Butson, Sylvain Baillet, Medical College of Wisconsin, Milwaukee, United States

SENSORY SYSTEMS

Vision

1470 MT-PM

How do we get aware of segmented stimuli?

A combined EEG and fMRI study on contour integration

Gregor Volberg, Simon Hanslmayr, Markus Raabe, Anna Karmann, Stefanie Birkner, Karl-Heinz Bäuml, Mark Greenlee, University of Regensburg, Regensburg, Germany

1472 MT-PM

Neurodegeneration of the structures along the visual system in glaucoma patients: a DTI-MRI study

Christine Boucard, Masaki Yoshida, Aditya Hernowo, Masahiro Ida, Jikei University School of Medicine, Tokyo, Japan

1474 MT-PM

Hemispheric superiority and information processing stages for faces

Yulwan Sung, Yoshiaki Someya, Eriko Yamamoto, Seiji Ogawa, Kansei Fukushi Res Ctr, Tohoku Fukushi University, Sendai, Japan

1476 MT-PM

Comparison of two retinotopic fMRI mapping methods for low visual areas delineation

Cécile Bordier, Jean-Michel Hupé, Michel Dojat, INSERM, U836, Grenoble, France

1478 MT-PM

'Top down' modulation underlies 'object-based' repetition suppression in the ventral visual pathway

Michael Ewbank, Rebecca Lawson, Richard Henson, James Rowe, Luca Passamonti, Andrew Calder, MRC Cognition and Brain Sciences Unit, Cambridge, United Kingdom

1480 MT-PM

Early Difference in Dynamic Brain Connectivity between Visual Expansion and Contraction

Chia-Yen Yang, Yi-Ping Chao, Ching-Po Lin, Department of Biomedical Engineering, Ming-Chuan University, Taoyuan, Taiwan, Taoyuan, Taiwan, Republic of China

1482 MT-PM

Role of feedback in shaping the time course of visual cortical responses during perceptual learning

Mark Greenlee, Katharina Rosengarth, Veronika Venus, Tina Plank, University of Regensburg, Regensburg, Germany

1484 MT-PM

Non-stimulated early visual areas carry information about context: the role of scene specific memory

Fraser Smith, Lars Muckli, University of Glasgow, Glasgow, United Kingdom

1486 MT-PM

Cortico-cortical receptive fields: V1 to V3 functional connectivity without visual stimulation

Jakob Heinze, Thorsten Kahnt, John-Dylan Haynes, Bernstein Center for Computational Neuroscience, Berlin, Germany

1488 MT-PM

Topographic Representation of Body-Parts in Occipito-Temporal cortex

Tanya Orlov, Tamar Makin, Udi Zohary, Dept. of Neurobiology, Hebrew University, Jerusalem, Israel

1490 MT-PM

Determining the Cortical Contribution to Recovery from Optic Neuritis Using Resting State fMRI

Nourhan Zayed, Fiona Costello, Jessie Trufyn, Michael Smith, Bradley Goodyear, Electrical and Computer Engineering, Schulich of Engineering, University of Calgary, Calgary, Canada

1492 MT-PM

Wavelength contrast retinotopy mapping using 7.0T MRI

Sang-Han Choi, Kyung-Min Lee, Jun-Young Chung, Young-Bo Kim, Zang-Hee Cho, Neuroscience Research Institute, Incheon, Korea, Republic of

1494 MT-PM

Neural coding of gaze direction in the human parietal cortex

Adrian Williams, Andrew Smith, Brunel University, Uxbridge, United Kingdom

1496 MT-PM

Early visual cortex activity contains contextual information from sounds

Petra Vetter, Fraser Smith, Lars Muckli, University of Glasgow, Glasgow, United Kingdom

1498 MT-PM

Is electrophysiological assessment of central and peripheral visual fields adequate from Oz?

Noémie Hébert-L., Maryse Lassonde, Marie-Sylvie Roy, Lionel Carmant, Dave Saint-Amour, Montreal University, Montreal, Canada

1500 MT-PM

MT+ and occipital visual cortex response by homocentric eccentricity stimulation

Qing Mao, Rainer Boegle, Sabine Ohlendorf, Juergen Hennig, University Hospital Freiburg Department of Radiology Medical Physics, Freiburg, Germany

1502 MT-PM

Visual Cortex Detects the Amount of Structure in Novel Abstract Images

John Myles White, Jiaying Zhao, Ray Lee, Nicholas B. Turk-Browne, Daniel Osherson, Princeton University, Princeton, United States

1504 MT-PM

fMRI of Phi and Beta (Pure and Optimal Motion)

Meghan Robinson, Zygmunt Pizlo, Thomas Talavage, Purdue University, West Lafayette, United States

1506 MT-PM

Behavior of the NIRS response in the visual cortex to variations of the stimulus frequency

Roberto Covolan, Enrique Otero, Carlos dos Anjos, UNICAMP - University of Campinas - Brazil, CAMPINAS, Brazil

1508 MT-PM

Evaluation of visual processing and working memory using psychometrically-matched tasks in fMRI

Andrea Snyder, Brian O'Donnell, Angela Hoffa, Anantha Shekhar, Donald Wong, Thomas Talavage, Mario Dzemidzic, Purdue University, Lafayette, United States

1510 MT-PM

An exploration of process- and domain-specific activation for faces in the fusiform gyrus

Jane Joseph, Ewa Galdzicka Way, Jonathan Clark, Christine Corbly, Ramesh Bhatt, University Of Kentucky, Lexington, United States

1512 MT-PM

Face encoding representations are shaped by race

Luca Vizioli, Fraser Smith, Lars Muckli, Roberto Caldara, University of Glasgow, Glasgow, United Kingdom

1514 MT-PM

The expressive face-unculus: Localizing the dynamics of facial feature encoding from MEG data

Nicola Van Rijsbergen, Philippe Schyns, University of Glasgow, Glasgow, United Kingdom

LANGUAGE

Production

1516 MT-PM

Neuroscientific and computational-acoustic biomarkers of individual differences in accent imitation

Susanne Reiterer, Nandini Singh, Xiaochen Hu, Michael Erb, Wolfgang Grodd, Hermann Ackermann, Susanne Winkler, University of Tuebingen, Tuebingen, Germany

1518 MT-PM

Motor somatotomy of supralaryngeal and laryngeal articulators

Krystyna Grabski, Laurent Lamalle, Coriandre Vilain, Jean-Luc Schwartz, Nathalie Vallée, Irène Tropres, Monica Baciú, Jean-François Le Bas, Marc Sato, Gipsa-Lab, Grenoble, France

1520 MT-PM

Differential language expertise related to white matter architecture: a DTI study

stefan elmer, Jürgen Hänggi, Martin Meyer, Lutz Jäncke, university of zürich, Zürich, Switzerland

1522 MT-PM

Auditory-motor interaction varies with rhythm complexity while listening to chanted vowel changes

Monika Jungblut, Walter Huber, Monika Pustelniak, Ralph Schnitker, Interdisciplinary Institute for Music- and Speech-Therapy, Duisburg, FRG, Duisburg, Germany

1524 MT-PM

From reference to sense: an fMRI adaptation study on semantic encoding in language production

Laura Menenti, Karl-Magnus Petersson, Peter Hagoort, Radboud University Nijmegen, Donders Institute (RU/ DI-BCB), Nijmegen, Netherlands

1526 MT-PM

Chinese lexical tone production: an fMRI study

Hui-Chuan Chang, Wen Jui Kuo, Ovid Tzeng, Cognitive Neuropsychology Laboratory, National Yang-Ming University, Taipei, Taiwan, Republic of China

1528 MT-PM

Error-related ERP components during speech production

Kevin Trewartha, Natalie Phillips, Concordia University, Montreal, Canada

1530 MT-PM

Artifact-free electrophysiological responses during overt speech production

Camillo Porcaro, Maria Teresa Medaglia, Antje Meyer, Andrea Krott, Birmingham University, Birmingham, United Kingdom

1532 MT-PM

Semantic naming errors are related to anterolateral temporal lobes in mild Alzheimer's disease

Marcio Balthazar, Clarissa Yasuda, Fabrício Pereira, Benito Damasceno, Fernando Cendes, University of Campinas, Campinas/SP, Brazil

1534 MT-PM

Glioma infiltration of the language ventral pathway is associated with moderate fluency deficits

Alberto Bizzi, Francesca Ferrè, Castelli Marco, Sylvie Piacentini, Domenico Aquino, Francesca Ciaraffa, Carlo Marras, Paolo Ferroli, Giovanni Broggi, Carlo Solero, Francesco Di Meco, Fondazione Istituto Neurologico Besta, Milano, Italy

1536 MT-PM

Functional MRI Activation Patterns during Glossolalia ("speaking in tongues")

Julia Stewart, Wendy Steinberg, Chris Conklin, Scott Faro, Feroze Mohamed, Gerry Stefanatos, Eastern University, St. Davids, United States

1538 MT-PM*

Medial frontal network attenuates cortical response during auditory feedback in speech (O-T3)

Ingrid Christoffels, Vincent van de Ven, Elia Formisano, Niels Schiller, Lourens Waldorp, Leiden University, Leiden, Netherlands

1540 MT-PM

An fMRI study of picture naming in patients with frontal lobe tumor

Nandini Singh, Sarika Cherodath, Anya Chakraborty, Tanusree Das, Megha Sharda, V Mehta, National Brain Research Centre, Manesar, India

1542 MT-PM

Phonologic transformation between speech perception and production engages a parieto-frontal network

Annette Baumgaertner, Claudia Peschke, Juliane Kappes, Wolfram Ziegler, Hochschule Fresenius University of Applied Sciences, Hamburg, Germany

1544 MT-PM

Inter-lobar variations in the relationship between local field potentials and the BOLD signal

Christopher Conner, Timothy Ellmore, Thomas Pieters, Stephen Dreyer, Michael DiSano, Nitin Tandon, UT Houston, Houston, United States

LANGUAGE

Reading/Writing

1546 MT-PM

Different words, different worlds: Categorization processes differ across languages in the brain

Chao Liu, Twila Tardif, Xiaoqin Mai, Cristopher Monk, Yuejia Luo, University of Michigan, Ann Arbor, United States

1548 MT-PM

Superior parietal lobule dysfunction in dyslexic children with a visual attention span disorder

Carole Peyrin, Valdois Sylviane, Jean-François Le Bas, Jean-François Démonet, Laboratoire de Psychologie et NeuroCognition, CNRS UMR 5105, Grenoble, France

1550 MT-PM

Functional networks engaged by word recognition: An EEG source coherence study

Mark Drakesmith, Wael El-Deredy, Stephen Welbourne, University of Manchester, Manchester, United Kingdom

1552 MT-PM

Distinct response patterns for individual words in the “visual word form area”

Wouter Braet, Johan Wagemans, Hans Op de Beeck, University of Leuven, Leuven, Belgium

1554 MT-PM

Bilinguals reconfigure Semantic Expectations faster than Monolinguals during Sentence Reading

Clara Martin, Guillaume Thierry, Jan-Rouke Kuipers, Albert Costa, Universitat Pompeu Fabra, Barcelona, Spain

1556 MT-PM

Early ERP Components for Words and Faces Predict Silent Reading Speed

Sebastian Korinth, Werner Sommer, Zvia Breznitz, University of Haifa, Haifa, Israel

1558 MT-PM

Differences in the Neural Substrate for Reading English and Chinese Emerge over Development

Christine Brennan, Fan Cao, James Booth, Northwestern University, Evanston, United States

1560 MT-PM

Seeing Chinese Characters in Action: An fMRI Study of the Perception of Writing Sequences

Hongbo Yu, Yinchen Qiu, Lanyun Gong, Xiaolin Zhou, Center for Brain and Cognitive Sciences and Department of Psychology, Peking University, Beijing, China

1562 MT-PM

Can intervention programs influence visual stimuli processing in adult dyslexics? An ERP study

Naama Maysel, Zvia Breznitz, Edmond J. Safra Brain Research Center for the Study of Learning Disabilities, University of Haifa, Haifa, Israel

1564 MT-PM

Mirror image discrimination operates at letter-level in VWFA

Felipe Pegado, Kimihiro Nakamura, Laurent Cohen, Stanislas Dehaene, INSERM-CEA, Paris, France

1566 MT-PM

Cerebral Representation of Creative Writing in Professional Writers – An fMRI-study

Katharina Erhard, Carolin Shah, Hanns-Josef Ortheil, Stephan Porombka, Christoph Kessler, Martin Lotze, 1Functional Imaging Unit, Center for Diagnostic Radiology, University of Greifswald, Greifswald, Germany

1568 MT-PM

Effective connectivity of the occipito-temporal cortex during visual word recognition

Matthias Schurz, Martin Kronbichler, Heinz Wimmer, University of Salzburg, Salzburg, Austria

1570 MT-PM

Activation of a left premotor gesture code during visual deciphering of handwriting

Kimihiro Nakamura, Felipe Pegado, Laurent Cohen, Stanislas Dehaene, INSERM-CEA, Gif-sur-Yvette, France

1572 MT-PM

The importance of visual for the visual word form area: representations may not be abstract

Martin Kronbichler, Stefan Hawelka, Fabio Richlan, Jürgen Bergmann, Gunther Ladurner, Stefan Golaszewski, Heinz Wimmer, Department of Psychology, University of Salzburg, Salzburg, Austria

1574 MT-PM

A novel ERP component brings three discoveries, one in language, one in memory, and one in attention

John X. Zhang, Lingyue Kong, Qin Zhang, Yingchun Du, zhuo Fang, Ning Ning, Department of Psychology, the Chinese University of Hong Kong, HongKong, Hong Kong

1576 MT-PM

Effects of word frequency, morphological structure and lexicality on bilingual word recognition

Minna Lehtonen, Annika Hultén, Toni Cunillera, Antoni Rodríguez-Fornells, Jyrki Tuomainen, Matti Laine, Helsinki Collegium for Advanced Studies, University of Helsinki, Helsinki, Finland

1578 MT-PM

Brain responses to complex word formations: An electrophysiological study of derived Spanish nouns

Viktoria Havas, Harald Clahsen, Elsa Vargas, Antoni Rodríguez-Fornells, Bellvitge Institute for Biomedical Research, L'Hospitalet de Llobregat, Spain

1580 MT-PM

Volitional control of brain systems for reading

Andrea Caria, Ranganatha Sitaram, Giuseppina Rota, Ralf Veit, Niels Birbaumer, University of Tuebingen, Tuebingen, Germany

1582 MT-PM

Writing letters and pseudoletters in left- and right-handers: evidence for neural specialization ?

marieke longcamp, Jean Luc Velay, cnrs and universit  paul sabatier, Marseille, France

1584 MT-PM

Further MEG explorations of early activation in Broca's area during visual word recognition

Piers Cornelissen, Katherine Wheat, Peter Hansen, University of York, UK, York, United Kingdom

1586 MT-PM

Development of Resting-State Functional Connectivity for Word Reading

Maki Koyama, Kelly Clare, Adriana DiMartino, Devika Jutagir, Xavier Castellanos, Michael Milham, Phyllis Green and Randolph C wen Institute for Pediatric Neuroscience at the NYU Child Study Center, New York, United States

1588 MT-PM

Auditory rhymes: differential neural engagement for associated spelling but not acoustic similarity

Yuliya Yoncheva, Urs Maurer, Jason Zevin, Bruce McCandliss, Weill Medical College Cornell University, New York, United States

1590 MT-PM

Influences of Semantic Richness in Visual Word Recognition: Electrophysiological Evidence

Milena Rabovsky, Werner Sommer, Rasha Abdel Rahman, Humboldt-Universit t zu Berlin, Berlin, Germany

1592 MT-PM

Facts versus Fiction – An fMRI study on what happened and what might have happened

Ulrike Altmann, Isabel Bohr, Oliver Lubrich, Winfried Menninghaus, Arthur Jacobs, Freie Universit t Berlin - Cluster of Excellence "Languages of Emotion", Berlin, Germany

**Wednesday, June 9 and Thursday, June 10
12:30 - 13:30**

BRAIN STIMULATION

TMS

1 WTh-AM

1 Hz cerebellum rTMS can improve movement of upper limb in early Parkinson's disease patients

Eduard Minks, Tomas Pavlik, Radek Marecek, Petra Ovesna, Martin Bares, Department of Neurology, St. Anne's University Hospital and Faculty of Medicine, Masaryk University, Brno, Czech Republic

3 WTh-AM

Using Simultaneous TMS-fMRI to Probe the Integrity of the Thalamic Reticular Nucleus

Yelena Guller, Eva Feredoes, Alexander Shackman, Daniel Acheson, Adam Riggall, Fabio Ferrarelli, Giulio Tononi, Elizabeth Meyerand, Bradley Postle, University of Wisconsin-Madison, Madison, United States

5 WTh-AM

Theta burst transcranial magnetic stimulation: exploring its effects by using functional imaging

Lizbeth C rdenas-Morales, Georg Gr n, Thomas Kammer, University of Ulm, Ulm, Germany

7 WTh-AM

Cortical effective connectivity across the sleep-wake cycle: an intracerebral study in humans

Andrea Pigorini, Silvia Casarotto, Mario Rosanova, Casali Adenauer, Giorgio Lo Russo, Maurizio Mariotti, Caroline Szymanski, Lino Nobili, Marcello Massimini, University of Milan, Milan, Italy

9 WTh-AM

Thetaburst stimulation interferes with the effect of mirror training

Claus Henning L ppchen, R diger Lange, Eva Maria Frittgen, Irina Mader, Farsin Hamzei, Cornelius Weiller, Department of Neurology, University Medical Center Freiburg, Freiburg, Germany

11 WTh-AM

Plasticity in the posterior parietal cortex – primary motor cortex pathway induced by motor training

Anke Karabanov, Atte Joutsen, Brach Poston, Mark Hallett, NIH, Bethesda, United States

13 WTh-AM

BRAIN ASYMMETRY FOR EMOTIONAL PROSODY IN KLINEFELTER'S SYNDROME INVESTIGATED WITH TMS

L. Bais, T.P. Links, L.M. Hoekert, H. Knegtering, Andr  Aleman, BCN-NIC, Department of Neuroscience, University Medical Center Groningen, Groningen, Netherlands

15 WTh-AM

Spatio-temporal dynamics in working memory for motion direction: An fMRI guided EEG/TMS study

Theodore Zanto, James Chadick, Adam Gazzaley, University of California San Francisco, San Francisco, United States

17 WTh-AM

Repetitive transcranial magnetic stimulation induces long-term changes in cortical connectivity

Sanna Stroth, Juergen Brinkmeyer, Wolfgang Wölwer, Arian Mobascher, Jürgen Zielasek, Wolfgang Gaebel, Cordes Joachim, University of Duesseldorf, Germany, Duesseldorf, Germany

19 WTh-AM

Role of the right dorsolateral prefrontal cortex on decision making: a cTBS-PET study

Sang Soo Cho, Giovanna Pellecchia, Nicola Ray, Ji Hyun Ko, Francesca Antonelli, Sylvain Houle, Antonio Strafella, University of Toronto, Toronto, Canada

21 WTh-AM*

Disrupting the prefrontal cortex diminishes emotional biases in moral judgment (O-T4)

Sebastien Tassy, Olivier Oullier, Olivier Coulon, Yann Duclos, Sharam Attarian, Christine Deruelle, Olivier Félician, Bruno Wicker, CNRS, Marseille, France

23 WTh-AM

Effect of functional neuronavigation for rTMS on brain activation and connectivity during executive

Christine Esslinger, Peter Kirsch, Urs Braun, Ochs Elisabeth, Nadja Schüler, Carina Sauer, Gass Dagmar, Marcella Rietschel, Andreas Meyer-Lindenberg, Central Institute of Mental Health, Mannheim, Germany

25 WTh-AM

Excitation And Inhibition In Primary Motor Cortex: Evidence From Electromyography And Imaging

Shalini Narayana, Christopher Rábago, Wei Zhang, Casey Strickland, Crystal Franklin, Peter Fox, Jack Lancaster, University of Texas Health Science Center at San Antonio, San Antonio, United States

10 MT-PM

Investigating the effect of IPS TMS-stimulation on auditory and visual processing – A TMS-fMRI Study

Joana Leitao, Axel Thielscher, Sebastian Werner, Rolf Pohmann, Uta Noppeney, Max Planck Institute for biological Cybernetics, Tübingen, Germany, Tübingen, Germany

29 WTh-AM

Modulation of Resting State Network by Transcranial Direct Current Stimulation

Won Hyuk Chang, Chang-hyun Park, Ji Sung Yoo, JY Park, Oh Young Bang, Peter K.W. Lee, Y-H Kim, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea, Republic of

31 WTh-AM

A follow-up MEG study of repetitive transcranial magnetic stimulation in major depression

Li-Fen Chen, Hsu-Ping Tuan, Jen-Chuen Hsieh, Tung-Ping Su, Institute of Brain Science, National Yang-Ming University, Taipei, Taiwan, Republic of China

33 WTh-AM

Modulation of cortical excitability in anesthetized rats with modified intermittent theta burst rTMS

Paul Muller, Andrew Vahabzadeh-Hagh, Frances Jensen, Alvaro Pascual-Leone, Alexander Rotenberg, Department of Neurology, Children's Hospital, Boston, United States

35 WTh-AM

Modulation of interhemispheric connectivity with transcranial DC stimulation over the frontal cortex

Dennis Hofman, Sylco Hoppenbrouwers, Dennis J.L.G. Schutter, Utrecht University, Utrecht, Netherlands

37 WTh-AM

Using Simultaneous TMS and EEG to Probe Task-Dependent Changes in Natural Frequencies

Jeffrey Johnson, Bradley Postle, University of Wisconsin-Madison, Madison, United States

COGNITION AND ATTENTION

Attention (Auditory, Tactile, Motor)

39 WTh-AM

Hemispheric Asymmetries in Exogenous Auditory Orienting

Terri Teshiba, Andrew Mayer, Josef Ling, The Mind Research Network, Albuquerque, United States

41 WTh-AM

MRI compatible tactile finger stimulation device for mapping SI somatotopy in Carpal Tunnel Syndrome

Yumi Maeda, Jeungchan Lee, Jameson Holden, Steve Cina, Lauren LaCount, Jieun Kim, Ang Li, Claire McManus, Cristina Malatesta, Kyungmo Park, Mark Tommerdahl, Norman Kettner, Joseph Audette, Vitaly Napadow, MGH/MIT/HMS Martinos Center for Biomedical Imaging, charlestown, United States

43 WTh-AM

Alpha Oscillations and Tonic Alertness: a simultaneous EEG/fMRI Study

Sepideh Sadaghiani, René Scheeringa, Katia Lehongre, Benjamin Morillon, Anne-Lise Giraud, Andreas Kleinschmidt, NeuroSpin, CEA-INSERM, Gif-Sur-Yvette, France

45 WTh-AM

Multimodal and unimodal effects of attentional load

Jane Klemen, Mark Williams, Chris Chambers, Cardiff University, Cardiff, United Kingdom

47 WTh-AM

Neural Oscillations of Interpersonal Coordination: A Dual EEG Study of Joint Tapping

Ivana Konvalinka, Markus Bauer, James Kilner, Andreas Roepstorff, Chris Frith, Center of Functionally Integrative Neuroscience, University of Aarhus, Aarhus, Denmark

49 WTh-AM

Tactile expectation modulates pre-stimulus beta-band oscillations in primary somatosensory cortex

Freek van Ede, Ole Jensen, Eric Maris, Radboud University Nijmegen, Donders Institute for Brain, Cognition and Behaviour, Nijmegen, Netherlands

51 WTh-AM

Phase re-setting of gamma neural oscillations to novelty processing in an appetitive context

Judith Domínguez-Borràs, Manuel Garcia-Garcia, Carles Escera, Institute for Brain, Cognition and Behavior (IR3C), University of Barcelona, Barcelona, Spain

53 WTh-AM

Dopamine transporter regulates the enhancement of novelty processing by a negative emotional context

Manuel Garcia-Garcia, Immaculada Clemente, Judith Domínguez-Borràs, Carles Escera, Institute for Brain, Cognition and Behavior (IR3C), University of Barcelona, Barcelona, Spain

55 WTh-AM

The neural correlates of integrated perception and imitation of others: the “body gestalt” effect

Sebastien Mielliet, Nienke Hoogenboom, Klaus Kessler, University of Glasgow, Glasgow, United Kingdom

57 WTh-AM

Orienting attention towards one’s own name: EEG in controls and non-communicating patients

Claire Sergent, Frédéric Faugeras, Catherine Tallon-Baudry, Laurent Cohen, Lionel Naccache, CRICM Paris, Paris, France

59 WTh-AM

ALE Meta-Analysis of Brain Activity Patterns During Sustained Attention

Robert Langner, Florian Kurth, Peter T Fox, Angela R Laird, Frank Schneider, Simon Eickhoff, Department of Psychiatry and Psychotherapy, RWTH Aachen University, Aachen, Germany

61 WTh-AM

Preparatory Activation of Auditory, Somatosensory and Visual Cortices by Modality-Specific Attention

Robert Langner, Thilo Kellermann, Frank Boers, Walter Sturm, Klaus Willmes, Simon Eickhoff, Department of Psychiatry and Psychotherapy, RWTH Aachen University, Aachen, Germany

63 WTh-AM

Development of quantification method with N1m-P2m component based on a MEG measurement

Bong Soo Kim, June Sic Kim, Chun Kee Chung, Yoshinori Uchikawa, Seoul National University Hospital, Seoul, Korea, Republic of

65 WTh-AM

Is the own first-name more efficient than another first-name to orient attention? An ERP study

Jean-Baptiste Eichenlaub, Perrine Ruby, Dominique Morlet, INSERM U821, Bron, France

COGNITION AND ATTENTION

Attention (Visual)

67 WTh-AM

Can eye help you? An fMRI study into the effects of ‘social gaze’ on action control

Leonhard Schilbach, Simon Eickhoff, Edna-Clarisse Cieslik, N. Jon Shah, Kai Vogeley, Department of Psychiatry, Cologne, Germany

69 WTh-AM

What differences can be seen in selective attention between monolingual and bilingual children?

Maurits Van den Noort, Katrien Mondt, Danielle Balériaux, Thierry Metens, Philippe Paquier, Piet Van de Craen, Peggy Bosch, Sujung Yeo, Sabina Lim, Vincent Denolin, Vrije Universiteit Brussel, Brussels, Belgium

71 WTh-AM

An Event-Related Potential Study with Two Dimension (2D) Tasks on Mental Rotation

Chia-Ju Liu, Chin-Fei Huang, Chia-Yi Chou, Neurocognition Lab, National Kaohsiung Normal University, Kaohsiung, Taiwan, Republic of China

73 WTh-AM

Combined EEG and fMRI studies of stimulus preceding negativity prior to visual feedback stimuli

Yoshimi Ohgami, Yasunori Kotani, Tatsuya Yoshihiro, Tetsuji Tsukamoto, Yusuke Inoue, Tokyo Institute of Technology, Meguro, Japan

75 WTh-AM

The Effects of Highly Oxygen on the Neural Activation of the Limbic System during Visuospatial Task

MIHYUN CHOI, Su-Jeong Lee, Jae-Woong Yang, Ji-Hye Kim, Soon-Cheol Chung, Konkuk University, Chungju, Korea, Republic of

77 WTh-AM

Spatial working memory and spatial attention: Common neural processes in the intraparietal sulcus

Tim Silk, Mark Bellgrove, Pia Wrafter, Jason Mattingley, Ross Cunnington, Murdoch Childrens Research Institute, Melbourne, Australia

79 WTh-AM

Do non-attentional processing stages exist in trans-saccadic perception?

Andrei Nikolaev, Chie Nakatani, Gijs Plomp, Peter Jurica, Cees van Leeuwen, Riken Brain Science Institute, Wako-shi, Japan

81 WTh-AM

Sleep deprivation results in decreased capacity to process distractors: evidence from fMR-adaptation

Danyang Kong, Michael Chee, National University of Singapore, Singapore, Singapore

83 WTh-AM

Isolated IPS and SPL lesions demonstrate a critical role in attentional selection and shifting

Rik Vandenberghe, Celine Gillebert, Stefan Sunaert, K.U. Leuven, Leuven, Belgium

85 WTh-AM

Alpha Band Oscillations Track Temporal Orienting of Attention

Gustavo Rohenkohl, Anna Christina Nobre, University of Oxford, Oxford, United Kingdom

87 WTh-AM

Psycho-Physiological Interactions of the Right Anterior Insular Cortex in Anticipation of Feedback

Yasunori Kotani, Yoshimi Ohgami, Tatsuya Yoshihiro, Tetsuji Tsukamoto, Yusuke Inoue, Tokyo Institute of Technology, Meguro, Japan

89 WTh-AM

Separating control exertion from cognitive conflict during multimodal sensory processing

Mareike Rietze, Tobias Melcher, Sima Afsharhamdi, Oliver Gruber, Centre for Translational Research in Systems Neuroscience, Dep. Psychiatry, Georg August University, Göttingen, Germany

91 WTh-AM

An fMRI study on attentional networks examined with clinically relevant assessment paradigms

Benjamin Clemens, Mikhail Zvyagintsev, Jan-Willem Koten, Alexander Sack, Walter Sturm, Klaus Willmes, RWTH Aachen University Hospital, Aachen, Germany

93 WTh-AM

Neural correlates of response inhibition after-effects

Joaquin A Anguera, Kyle Lyman, Adam Gazzaley, University of California, San Francisco, San Francisco, United States

95 WTh-AM

Effects of anticipation on event-related potentials and oscillatory activities

Aurelie Bidet-Caulet, Pierre-Guillaume Barbe, Sylvie Roux, Humsini Viswanath, Catherine Barthélémy, Nicole Bruneau, Robert Knight, Frédérique Bonnet-Brilhault, Helen Wills Neurosciences Institute, University of California, Berkeley, United States

97 WTh-AM

Activity in the dorsal and ventral attention systems during natural viewing

Juha Salmi, Juha Lahnakoski, Iiro Jääskeläinen, Jouko Lampinen, Pia Tikka, Enrico Glerean, Mikko Sams, Department of Biomedical Engineering and Computational Science (BECS), Aalto University, Espoo, Finland

99 WTh-AM

Saccade programming for faces: A spatiotemporal electrophysiological study

Stephanie Morand, Marie-Helene Grosbras, Roberto Caldara, Monika Harvey, University of Glasgow, Glasgow, United Kingdom

101 WTh-AM

Shifting attention: Brain mechanisms and the role of conscious perception

Martynas Dervinis, Chris Allen, Petroc Sumner, Chris Chambers, Cardiff University, Cardiff, United Kingdom

103 WTh-AM

Functional dissociation between TPJ and IPS using a spatial cueing paradigm

Celine Gillebert, Ronald Peeters, Rik Vandenberghe, K.U. Leuven, Leuven, Belgium

105 WTh-AM

Attentional modulation of representations in VSTM

Bo-Cheng Kuo, Mark Stokes, Anna Christina Nobre, University of Oxford, Oxford, United Kingdom

107 WTh-AM

Classification accuracy of orientation discrimination correlates with behavioural task performance

Jane Klemen, Veldri Kurniawan, Chris Chambers, Cardiff University, Cardiff, United Kingdom

109 WTh-AM

Attention-driven, category-specific activation in visual areas in the absence of visual stimulation

Chun Siong Soon, Praneeth Namburi, Shuwei Koh, Vanessa Chen, Michael Chee, Duke-NUS Graduate Medical School, Singapore, Singapore

111 WTh-AM

Attention normalizes neuronal activity in human middle temporal complex

Michele Furlan, Jens Schwarzbach, Trento Univerity CIMeC, Mattarello, Italy

113 WTh-AM

The role of the pulvinar in mediating response to memory distracters

Pia Rotshtein, David Soto, Alex Grecucci, Joy Geng, Glyn Humphreys, Univiversity of Birmingham, Birmingham, United Kingdom

115 WTh-AM

Gamma band suppression as a neural correlate of BOLD deactivation in default-mode network

Tomas Ossandon, Karim Jerbi, Juan Vidal, Olivier Bertrand, Philippe Kahane, Jean-Philippe Lachaux, Inserm U821, Brain Dynamics and Cognition; Université Claude Bernard Lyon 1, Lyon, France

117 WTh-AM

Exploring the detection of associatively novel events using fMRI

Ricarda I. Schubotz, Andreja Bubic, D. Yves von Cramon, Max Planck Institute for Neurological Research, Cologne, Germany

119 WTh-AM

Indexing the graded allocation of visuospatial attention using anticipatory alpha oscillations

Ian Gould, Matthew Rushworth, Anna Christina Nobre, Oxford University, Oxford, United Kingdom

121 WTh-AM

Alpha Rhythms are related to Visuo-motor Performance in Elite Athletes

Roberta Lizio, Claudio Babiloni, Cristina Limatola, Nicola Marzano, Claudio Del Percio, univ. Sapienza Roma, Roma, Italy

123 WTh-AM

Top-down vs. bottom-up attentional processes : pre-stimulus theta activity predicts the winner

Ali Mazaheri, Nicholas DiQuattro, Jesse Bengson, Joy Geng, Donders Institute for Brain, Cognition and Behavior, Nijmegen, Netherlands

125 WTh-AM

Neuronal activity possibly related to blink suppression: Results from Analysis of ECoG data

Markus Kern, Tonio Ball, Ad Aertsen, Andreas Schulze-Bonhage, Jacob Lahr, University of Freiburg, Germany, Freiburg, Germany

127 WTh-AM

“Neural efficiency” of experts’ brain during judgment of actions: an eeg study in karate athletes

Francesco Infarinato, Claudio Babiloni, Claudio Del Percio, Cristina Limatola, Universita' Sapienza di Roma, Roma, Italy

129 WTh-AM

Every trial counts: predicting human behaviour from intracranial single-trial gamma-band responses

Tomas Ossandon, Juan Vidal, Karim Jerbi, Philippe Kahane, Jean-Philippe Lachaux, Inserm U821, Brain Dynamics and Cognition; Université Claude Bernard Lyon 1, Lyon, France

131 WTh-AM

Is attention necessary for awareness? Insights from the attentional modulation of -band activity

Almudena Capilla, Joachim Gross, University of Glasgow, Glasgow, United Kingdom

133 WTh-AM

The Posterior Superior Temporal Sulcus is Sensitive to the Outcome of Goal-Directed Actions

Sarah Shultz, Su Mei Lee, Kevin Pelphrey, Gregory McCarthy, Yale University, New Haven, United States

135 WTh-AM

Brain activity related to attentional orienting and reorienting driven by symbolic or social cues

Alicia Callejas, Gordon Shulman, Maurizio Corbetta, Department of Neurology, Washington University School of Medicine, St. Louis, Missouri, United States

137 WTh-AM

Dependence of orientation preference and selectivity on feature attention as revealed by fMRI at 7T

Geoff Ghose, Cheryl Olman, Kamil Ugurbil, Essa Yacoub, University of Minnesota, Minneapolis, United States

139 WTh-AM

Attention dependent default mode hippocampal deactivation and dissociation from striatal networks

Miguel Castelo-Branco, Lajos Kozak, Elia Formisano, Rainer Goebel, IBILI-Faculty of Medicine, University of Coimbra, Portugal, Coimbra, Portugal

141 WTh-AM

Imaging Properties of MS Lesions Correlate with Attention Deficits in Early Multiple Sclerosis

Samanta Simioni, Tobias Kober, Gunnar Krueger, Maya Shevlyakova, Patrick Browaeys, Jean-Marie Annoni, Renaud Du Pasquier, Reto Meuli, Myriam Schlupe, Cristina Granziera, CHUV, Lausanne, Switzerland

143 WTh-AM

Role of human FEF in attentional modulation of feature-selective visual areas: A TMS-fMRI study

Klaartje Heinen, Eva Feredoes, Christian Ruff, Jon Driver, Institute of Cognitive Neuroscience, London, United Kingdom

145 WTh-AM

Attention modulates neurovascular coupling in the visual cortex

Giedrius Buracas, UCSD, La Jolla, United States

COGNITION AND ATTENTION

Cognitive Aging

147 WTh-AM

Simultaneous ERP/fMRI highlights fronto-parietal interactions in aging

Joshua Balsters, Redmond O'Connell, William Campbell, Arun Bokde, Neil Upton, Ian Robertson, Trinity College Dublin, Dublin, Ireland

149 WTh-AM

Aging Reduces Ventral Visual Diffusivity: Effects on Face Discrimination and fMRI Adaptation

Joshua Goh, Gene Yu, Bradley Sutton, Denise Park, University of Illinois at Urbana-Champaign, Urbana, United States

151 WTh-AM

Compromised temporal responsivity in fusiform areas by aging

Makoto Miyakoshi, S.H. Annabel Chen, Kayako Matsuo, Atsunobu Suzuki, Toshiharu Nakai, National Center for Geriatrics and Gerontology, Ohbu, Japan

153 WTh-AM*

Microstructural Changes and Atrophy in Brain White Matter Tracts With Aging (O-T5)

Stefania Sala, Federica Agosta, Elisabetta Pagani, Giancarlo Comi, Massimo Filippi, Scientific Institute and University Ospedale San Raffaele, Milan, Italy

155 WTh-AM

Active Cognitive Lifestyle is Linked to Structural and Functional Brain Integrity

Michael Valenzuela, Chao Suo, Perminder Sachdev, Wei Wen, Nalin Singh, Henry Brodaty, Bernhard Baune, Nicola Gates, Maria Fiatarone Singh, University of New South Wales, Sydney, Australia

157 WTh-AM

Cognitive control of memory and the asymmetry of the caudate nuclei in healthy aging

Stanislav Kozlovskiy, Vasilisa Skvortsova, Elena Sozinova, Alexander Vartanov, Evgueniya Nikonova, Lomonosov Moscow State University, Moscow, Russian Federation

159 WTh-AM

Effects of Aging on Behavioral and Neural Correlates of Positive Performance Feedback

Lydia Beck, Barbara Druke, Mario Staedtgen, Siegfried Gauggel, Department of Medical Psychology and Medical Sociology, Medical Faculty, RWTH Aachen University, Aachen, Germany

161 WTh-AM

Age differences in the recruitment of widespread neural networks: Implications for distractibility

Karen Campbell, Cheryl Grady, Charisa Ng, Lynn Hasher, University of Toronto, Toronto, Canada

163 WTh-AM

Carotid Artery Intima-Media Thickness and Cerebral Glutamate Concentrations in Midlife

Andreana Haley, Tarumi Takashi, Jun Sugawara, Hirofumi Tanaka, The University of Texas at Austin, Austin, United States

165 WTh-AM

Regional Hippocampal Structure: Differential Aging and Relations to Associative Recognition Memory

Yee Lee Shing, Karen Rodrigue, Kristen Kennedy, Yana Fandakova, Nils Bodammer, Markus Werkle-Bergner, Ulman Lindenberger, Naftali Raz, Max Planck Institute for Human Development, Berlin, Germany

167 WTh-AM

Neuroimaging evidence for scaffolding and cognitive reserve in the frontal cortex during aging

Astrid Rauch, Christian Lindner, Anja Stuhmann, Harald Kugel, Christina Sehlmeier, Sonja Schoening, Pienie Zwitserlood, Udo Dannlowski, Volker Arolt, Carsten Konrad, Department of Psychiatry and Psychotherapy, School of Medicine, University of Muenster, Muenster, Germany

169 WTh-AM

Resting Parietal Glucose Metabolism related to Hippocampal Activation in Elderly Controls

Deepti Putcha, Caroline Sullivan, Kelly O'Keefe, Aaron Schultz, Jeremy Carmasin, J.Alex Becker, Keith Johnson, Reisa Sperling, Brigham and Women's Hospital and Massachusetts General Hospital, Charlestown, United States

171 WTh-AM

Glutamate Receptor Gene GRIN2B and Altered Brain Responses during Working Memory in Older Adults

Yang Jiang, Gregory Jicha, Richard Kryscio, Frederick Schmitt, Robert Lipsky, University of Kentucky, Lexington, United States

173 WTh-AM

Age-related differences in cognitive control over action: Event-related fMRI of response inhibition

James Coxon, Daniel Goble, Annouchka Van Impe, Nicole Wenderoth, Stephan Swinnen, Research Center for Movement Control and Neuroplasticity, K.U. Leuven, Leuven, Belgium

175 WTh-AM

Age and Task related Brain Signal Variability during Perceptual and Delayed Matching: an EEG Study

Hongye Wang, Natasa Kovacevic, Maria Tassopoulos, Andrea Protzner, Anthony McIntosh, Rotman Research Institute, Toronto, Canada

177 WTh-AM

Age-related Changes in Semantic Processing

Makoto Miyakoshi, S.H. Annabel Chen, Kayako Matsuo, Toshiharu Nakai, National Center for Geriatrics and Gerontology, Ohbu, Japan

179 WTh-AM

Aging within the Hippocampus: PASA or APSA

Anh Tuan Ta, S.H. Annabel Chen, Shuo-en Huang, Anqi Qiu, National University of Singapore, Singapore, Singapore

1533 MT-AM

Age-related neurofunctional alterations in human memory systems

Wencke Brusniak, Traute Demirakca, Franziska Matthäus, Thomas Schulze, Nuran Tunc-Skarka, Isabella Wolf, Carsten Diener, Central Institute of Mental Health, Mannheim, Germany

183 WTh-AM

Inter-individual differences in fMRI entropy measurements in old age

Moses Sokunbi, Roger Staff, Gordon Waiter, Trevor Ahearn, Ian Deary, Lawrence Whalley, Alison Murray, University of Aberdeen, Aberdeen, United Kingdom

185 WTh-AM

White matter hyperintensity burden is associated with reduced parietal lobe white matter integrity

Alison Murray, Trevor Ahearn, Christopher McNeil, Roger Staff, Sima Salarirad, Helen Fox, John Starr, Ian Deary, Lawrence Whalley, University of Aberdeen, Aberdeen, United Kingdom

187 WTh-AM

Sustained Inferior Frontal Activation Predicts Age-related Changes in Word Recognition

Mark Eckert, Stefanie Kuchinsky, Noam Keren, Cassidy Conner, Kenneth Vaden, Jayne Ahlstrom, Judy Dubno, Medical University of South Carolina, Charleston, United States

189 WTh-AM

Correlation between white matter integrity and cognitive performance in elderly subjects

Stéphanie Giezendanner, Elena Solesio, Javier Navas, Joost Janssen, Yasser Alemán-Gómez, Santiago Reig, Katharina Henke, Fernando Maestú, Manuel Desco, Institute of Psychology, University of Bern, Bern, Switzerland

191 WTh-AM

Target categorization and motor processes under working memory load: Effects of age and feedback

Sergei Schapkin, Gabriele Freude, Federal Institute for Occupational Safety and Health, Berlin, Germany

193 WTh-AM

Hippocampal specific changes during encoding of repeated items is related to AD risk and performance

Donald McLaren, Michele Ries, Erik Kastman, Guofan Xu, Howard Rowley, Sanjay Asthana, Mark Sager, Sterling Johnson, William S. Middleton Veterans Hospital and the University of Wisconsin School of Medicine, Madison, United States

195 WTh-AM

**Why are proper names so difficult to remember?
An fMRI study comparing young and old adults**

Anja Ischebeck, Barbara Steindl, Gernot Reishofer, Karl Koschutnig, Carlo Semenza, Franz Ebner, Christa Neuper, University Graz, Graz, Austria

197 WTh-AM

Diffusion tensor imaging characteristics of aging in rats

Tamar Blumenfeld-Katzir, Yaniv Assaf, Tel Aviv University, Tel Aviv, Israel

199 WTh-AM

NIRS to assess age-related activation of the prefrontal cortex during verbal fluency tasks

Karima Kahlaoui, Joannie Barbeau, manon maheux, Yannick Marsolais, Frederic Lesage, Bernadette Ska, Yves Joannette, University of Montreal/Medicine faculty, Montréal, Canada

COGNITION AND ATTENTION

Cognitive Development

201 WTh-AM

Motor system microstructure associated with reaction time in children

Kathrine Skak Madsen, William F. Baaré, Arnold Skimminge, Martin Vestergaard, Hartwig Siebner, Terry Jernigan, Danish Research Centre for Magnetic Resonance, Hvidovre, Denmark

203 WTh-AM

fMRI neo-Piagetian analysis of the developing brain in failing, intermediate and successful children

Céline Lanoë, Gaëlle Leroux, Guy Perchey, Amélie Lubin, Marie-Renée Turbelin, Sandrine Rossi, Nicolas Poiré, Nicolas Delcroix, Franck Lambertson, Mathieu Vigneau, Emmanuel Mellet, Bernard Mazoyer, Arlette Pineau, Olivier Houdé, UMR6232, CI-NAPS, CNRS, CEA, Univ. Caen and Paris Descartes, Caen, France

205 WTh-AM

Neuropsychological mechanisms of eye movements accompanying cognitive activity

Yoko Hoshi, Shing-Jen Chen, Tokyo Institute of Psychiatry, Tokyo, Japan

207 WTh-AM

Thinner Prefrontal Cortex Correlates with Greater Activation Selectivity and Better Fluid Reasoning

Elizabeth O'Hare, Kirstie Whitaker, Chloe Green, Carter Wendelken, Emilio Ferrer, Silvia Bunge, University of California, Berkeley, Berkeley, United States

209 WTh-AM

Resting functional connectivity: Pattern reliability and longitudinal changes in childhood

Moriah Thomason, Emily Dennis, Melissa Henry, Rebecca Johnson, Paul Thompson, Ian Gotlib, Stanford University, Stanford, United States

211 WTh-AM

Meta-analysis of developmental fMRI studies investigating number processing and calculation

Liane Kaufmann, Guilherme Wood, Orly Rubinsten, Avishai Henik, University for Health Sciences, Medical Informatics and Technology, Hall in Tyrol, Austria

213 WTh-AM

Conflict monitoring in the adolescent brain

Sarah Rodehacke, Eva Mennigen, Thomas Hübner, Dirk Schmidt, Thomas Goschke, Michael Smolka, Technische Universität Dresden, Dresden, Germany

215 WTh-AM

Developmental Divergence in Brain Networks for Phonological Processing of Words and Nonwords

Jennifer Minas, Amy Desroches, Christopher McNorgan, Donald Bolger, James Booth, Northwestern University, Evanston, United States

217 WTh-AM

Disorder-specific dysfunctions in patients with ADHD compared to OCD during cognitive control

Katya Rubia, Ana Cubillo, James Woolley, Mick Brammer, Anna Smith, Institute of Psychiatry, London, United Kingdom

219 WTh-AM

Independent Functional Components Involved in Dimensional Shifts of Attention

Frederick Ezekiel, J Bruce Morton, University of Western Ontario, London, Canada

221 WTh-AM

White matter microstructure correlated with IQ in math-gifted adolescents and controls. A DTI study

Javier Navas, Santiago Reig, Javier Sánchez-González, Olalla Robles, Juan Guzmán de Villoria, Yasser Alemán-Gómez, Joost Janssen, Celso Arango, Manuel Desco, Unidad de Medicina y Cirugía Experimental. Hospital General Universitario Gregorio Marañón, Madrid, Spain

223 WTh-AM

Investigation of Cerebral Blood Flow and BOLD Signal Change in the Auditory Cortex of Children

Mishaela DiNino, Leanna Hernandez, Pamela Moses, Lauren Hoffman, Department of Psychology, San Diego State University, San Diego, United States

225 WTh-AM

Frontostriatal maturation predicts adolescents' failure to resist approach to appetitive cues

Leah Somerville, Todd Hare, BJ Casey, Sackler Institute/ Weill Cornell Medical College, New York, United States

227 WTh-AM

Longitudinal Changes in Brain Activity Related to Maturation of Children's Mental Arithmetic Skills

Soohyun Cho, Christina Young, Maria Barth, David Geary, Vinod Menon, Stanford University, Stanford, United States

229 WTh-AM

Exploring the neuroanatomy of planning abilities in early childhood with voxel-based morphometry

Christoph Kaller, Spreer Joachim, Benjamin Rahm, Volkmar Glauche, Nina Ruh, Hansjörg Mast, Marko Wilke, Christoph Stahl, Cornelius Weiller, Josef Unterrainer, Dept. of Neurology, University Medical Center Freiburg, Freiburg, Germany

231 WTh-AM

Developmental Changes in Monitoring the Temporal Context of Memories

Pedro Paz-Alonso, Lina Cómbita-Merchán, M. Rosario Rueda, Silvia Bunge, University of Granada, Spain/ University of California, Berkeley, Granada, Spain

233 WTh-AM

Impaired Motor Cortical Inhibition Predicts Attention Deficit Hyperactivity Disorder (ADHD) Severity

Donald Gilbert, Kelly Isaacs, Lindsey MacNeil, Priya Xavier, Amanda Lewis, Stewart Mostofsky, Cincinnati Children's Hospital Medical Center, Cincinnati, United States

235 WTh-AM

Intellect, Apparent Diffusion Coefficient, And Width Of Corpus Callosum In Healthy Children

Beatriz Moreno, Luis Concha, Leopoldo Gonzalez-Santos, Juan Ortiz, Fernando Barrios, Universidad Nacional Autonoma de Mexico, QUERETARO, Mexico

237 WTh-AM

Developmental differences in network interactions for speech and gesture

Anthony Dick, Ana Solodkin, Steven Small, The University of Chicago, Chicago, United States

239 WTh-AM

Arterial Spin Labeling in Children: BOLD and CBF Response in the Motor Cortex

Leanna Hernandez, Pamela Moses, Mishaela DiNino, Julie Vasquez, Department of Psychology, San Diego State University, San Diego, United States

241 WTh-AM

Variability in fMRI responses of fusiform and primary visual cortex between adults and children

Jennifer Evans, Rebecca Todd, Stephen Strother, Margot Taylor, NIH/CNRM/University of Toronto/Hospital for Sick Children, Bethesda, United States

DISORDERS OF THE NERVOUS SYSTEM

Addiction

243 WTh-AM

Cerebral Cortical Thinning In Ecstasy Polydrug Users

Isabelle Boileau, Stephen Kish, Tina McCluskey, Diana Wilkins, Jason Lerch, CAMH / University of Toronto, Toronto, Canada

245 WTh-AM

Differential Effects of Gender on the Relationship Between Brain Structure and Body Mass Index (BMI)

Annette Horstmann, Karsten Mueller, Franziska Busse, Joeran Lepsien, Harald Möller, Michael Stumvoll, Arno Villringer, Burkhard Pleger, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

247 WTh-AM

(Ab)Use of Psychostimulants to Self-Medicating Subtle Inhibitory Deficits?

Martina Reske, Alan Simmons, Martin Paulus, Institute of Neurosciences and Medicine 4, Research Centre Jülich, Jülich, Germany

249 WTh-AM

Cue Reactivity in Smokers: When Less is More

Michael Smolka, Mira Bühler, Andrea Kobiella, Mark Jacob, Sabine Vollstädt-Klein, Dieter Braus, Christian Büchel, Technische Universität Dresden, Dresden, Germany

251 WTh-AM

Disrupted regulation of social exclusion in chronic alcoholism: An fMRI study

Pierre Maurage, Frederic Joassin, Mauro Pesenti, Pierre Philippot, Nicolas Vermeulen, Olivier Corneille, Olivier Luminet, Philippe de Timary, Catholic University of Louvain, Louvain-la-Neuve, Belgium

253 WTh-AM

The influence of prior experiences on neural activity during risk taking in methamphetamine users

Milky Kohno, Dara Ghahremani, Adriana Galvan, Edythe London, University of California, Los Angeles, Los Angeles, United States

255 WTh-AM

Varenicline and Nicotine Reduce Amygdala Reactivity in Acutely Abstinent Smokers

Matthew Sutherland, Betty Jo Salmeron, Thomas Ross, Elliot Stein, National Institute on Drug Abuse-Intramural Research Program, Baltimore, United States

257 WTh-AM

Expectancy coding of monetary gain and loss in alcohol dependent subjects and pathological gamblers

Ruth van Holst, Anne Goudriaan, Wim van den Brink, Dick Veltman, Academic Medical Center, University of Amsterdam, Amsterdam, Netherlands

259 WTh-AM

Cognitive flexibility in Pathological Gambling and Alcohol Dependence: An fMRI study

Anna Goudriaan, Ruth van Holst, Dick Veltman, Wim van den Brink, Academic Medical Center, University of Amsterdam, Amsterdam, Netherlands

261 WTh-AM

Insular grey matter reduction as a possible neurobiological marker of addiction

Simona Gardini, Cristian Toraci, Luca Nocetti, Annalena Venneri, University of Parma, Parma, Italy

263 WTh-AM

Neural correlates of the severity of cocaine use

Laura Moreno-López, Emmanuel Stamatakis, María José Fernández-Serrano, Miguel Pérez-García, Antonio Verdejo-García, Universidad de Granada, Granada, Spain

265 WTh-AM

Processing of addiction specific stimuli in pathological computer game players – an fMRI study

Robert Lorenz, Torsten Wüstenberg, Jenny Krüger, Britta Neumann, Christian Kaufmann, Andreas Heinz, Charité - Universitätsmedizin Berlin, Berlin, Germany

267 WTh-AM

Neural Underpinning for Dysfunctional Stimulus-Response Habit in Heroin Addicts

Zheng Yang, Alex Cohen, Chunming Xie, Wenjun Li, Shi-Jiang Li, Beijing Institute of Basic Medical Science, Beijing, China

269 WTh-AM

Neural Representation of Impulsive Decision Making during Recovery from Methamphetamine Dependence

William Hoffman, Daniel Schwartz, David Lahna, Alex Mitchell, Marilyn Huckans, Suzanne Mitchell, Portland VA Medical Center, Portland, United States

271 WTh-AM

Supporting the diagnostic autonomy of binge-eating disorder by pattern classification of fMRI data

Martin Weygandt, Kerstin Hackmack, Axel Schaefer, Anne Schienle, John-Dylan Haynes, Bernstein Center for Computational Neuroscience, Berlin, Germany

273 WTh-AM

Reversal learning in alcohol-addicted patients – a functional Magnetic Resonance Imaging study

Lorenz Deserno, Anne Beck, Florian Schlagenhaut, Michael Kröger, Soyoung Park, Thorsten Kahnt, Jana Wrase, Andreas Heinz, Department of Psychiatry and Psychotherapy, Charité Universitätsmedizin Berlin, Berlin, Germany

275 WTh-AM

Sleep Patterns and Plasticity in Pre-Adolescent Children Of Alcoholics

Ilana Hairston, Deirdre Conroy, Wendy Yau, Preeti Samudra, Chelsea Cummiford, Robert Zucker, Jon-Kar Zubieta, Mary Heitzeg, University of Michigan, Ann Arbor, United States

277 WTh-AM

Neural cue-reactivity as prognostic factor for relapse in alcoholism: a comparison of ROI measures

Sabine Vollstädt-Klein, Iris Reinhard, Tagrid Leménager, Mira Bühler, Derik Hermann, Andreas Heinz, Falk Kiefer, Karl Mann, Michael Smolka, CIMH Mannheim, Mannheim, Germany

279 WTh-AM

The Brains of Problematic Online Game Users Seek Strong Sensation

Wooyeol Shin, Mina Choi, Mina Park, Jisun Yeo, Joochan Kim, Hae-Jeong Park, Yonsei University, Seoul, Korea, Republic of

281 WTh-AM

Increased baseline activity in reward networks in young adults with a family history of alcoholism

Ashley Acheson, Matthew Cykowski, Angela Laird, David Glahn, Peter Fox, William Lovallo, University of Texas Health Science Center at San Antonio, San Antonio, United States

283 WTh-AM*

Structural and Functional Convergent Evidence that Cocaine Alters Medial Prefrontal Regions (O-M3)

Xiujuan Geng, Qihong Zou, Hong Gu, Betty Jo Salmeron, Elliot Stein, Yihong Yang, National Institute on Drug Abuse, Baltimore, United States

285 WTh-AM

Investigating the Neural Correlates of Smoke-Craving in the Brain using fMRI

Nelson Klahr, Deng Linyuan, Fang Xiaoyi, Guojun He, Mark Gold, Yijun Liu, University of Florida, Gainesville, United States

287 WTh-AM

Resting-State Functional Connectivity Alterations in Prenatal-Drug-Exposed Adolescents

Betty Jo Salmeron, Tracy Riggins, Hong Gu, Maureen Black, Yihong Yang, Elliot Stein, Julie Schweitzer, National Institute on Drug Abuse- Intramural Research Program, Baltimore, United States

289 WTh-AM

Brain Activations and Different Dimensions of Drug Craving in Treatment Seeker Heroin Dependents

Hamed Ekhtiari, Habib Ganjgahi, Peyman Hasani-Abharian, Joseph Joseph Mc Clernon, Zahra Alam-Mehrjerdi, Hosein Tabatabaei, Azarakhsh Mokri, Mohammad Ali Oghabian, Iranian National Center for Addiction Studies, Tehran, Iran, Islamic Republic of

291 WTh-AM

Nucleus accumbens activation during reward anticipation is related to genetic variants in GABRA2

Mary Heitzeg, Wai-Ying Wendy Yau, Sandra Villafuerte, Margit Burmeister, Barbara Weiland, Robert Zucker, Jon-Kar Zubieta, University of Michigan, Ann Arbor, United States

293 WTh-AM

Resting-state Connectivity in Nicotine-Dependent Smokers

Xiaoqian Chai, Luke Stoeckel, Oliver Hinds, Todd Thompson, Priscilla Sinclair, John Gabrieli, Evins Eden, Susan Whitfield-Gabrieli, Department of Brain and Cognitive Sciences, Massachusetts Institute of Technology, Cambridge, United States

295 WTh-AM

Brain Areas Involved in Cue Reactivity in Non Treatment Seeker Intravenous Heroin Dependents

Habib Ganjgahi, Hamed Ekhtiari, Arian Behzadi, MD, Azarakhsh Mokri, Mohammad Ali Oghabian, Iranian National Center for Addiction Studies, Tehran, Iran, Islamic Republic of

297 WTh-AM

Working memory deficit in PD subjects due to a decrease in frontal and frontal-striatal connectivity

Sandra Leh, Marc Bohlken, Alain Ptito, Abbas Sadikot, Sonja Huntgeburth, Jen-Kai Chen, Antonio Strafella, University of Toronto, Toronto, Canada

299 WTh-AM

Reduced Hippocampal Volumes in Chronic Heavy Cannabis Users

Valentina Lorenzetti, Nadia Solowij, Dan Lubman, Michael Takagi, Ian Harding, Christos Pantelis, Marc Seal, Murat Yücel, Melbourne Neuropsychiatry Centre, 3054, Australia

301 WTh-AM

A Genetically Modulated, Intrinsic Cingulate Circuit Supports Human Nicotine Addiction

Elliot Hong, Colin Hodgkinson, Yihong Yang, Hemalatha Sampath, Thomas Ross, Brittany Buchholz, Betty Jo Salmeron, Vibhuti Srivastava, Gunvant Thaker, David Goldman, Elliot Stein, Maryland Psychiatric Research Center, Baltimore, United States

DISORDERS OF THE NERVOUS SYSTEM

Alzheimer and Dementia

303 WTh-AM

Hippocampal Neuropil Atrophy in Early Alzheimer's Disease: A 7T MRI Study

Geoffrey Kerchner, Christopher Hess, Kathryn Hammond-Rosenbluth, Duan Xu, Douglas Kelley, Daniel Vigneron, Sarah Nelson, Bruce Miller, Stanford University, Stanford, United States

305 WTh-AM

3D Maps Localize Caudate Nucleus Atrophy in 400 AD, MCI, and Healthy Elderly

Sarah Madsen, April Ho, Xue Hua, Priya Saharan, Arthur Toga, Clifford Jack Jr., Michael Weiner, Paul Thompson, Laboratory of Neuro Imaging, Dept. of Neurology, UCLA School of Medicine, Los Angeles, United States

307 WTh-AM

Surface based methods and Voxel Based Morphometry in Alzheimer disease: comparing results

Victor Lo, Pedro Paulo Oliveira Jr, Edson Amaro, NIF - LIM44 - InRad - FMUSP, SAO PAULO, Brazil

309 WTh-AM

White matter degeneration in mild cognitive impairment and Alzheimer's disease

Ni Shu, Zhiqun Wang, Zhigang Qi, Kuncheng Li, Yong He, State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, Beijing, China

311 WTh-AM

Auditory oddball P300 and MMSE as markers of Alzheimer's disease

Chia-Ju Liu, Yu-Te Lin, Ming-Chung Ho, Chin-Fei Huang, Ming-Hsun Shen, Chia-Yi Chou, Ming-Chi Lu, Neurocognition Lab, National Kaohsiung Normal University, Kaohsiung, Taiwan, Republic of China

313 WTh-AM

**Handedness and hippocampal atrophy in ageing:
The PATH Trough Life Study**

Nicolas Cherbuin, Chantal Reglade-Meslin, Perminder Sachdev, Kaarin Anstey, Australian National University, Canberra, Australia

315 WTh-AM

Decay of auditory stimulus traces predicts short term memory capacity in Alzheimer's disease

Stephan Bender, Matthias Weisbrod, Christine Thomas, University of Frankfurt, Germany, Frankfurt, Germany

317 WTh-AM

Voxel-based longitudinal changes of gray matter density in incipient Alzheimer's Disease

Marco Lorenzi, Giovanni Battista Frisoni, IRCCS San Giovanni di Dio Fatebenefratelli, Brescia, Italy

319 WTh-AM

Obesity and brain structure in 700 MCI and AD patients

April Ho, Cyrus Raji, James Becker, Oscar Lopez, Lewis Kuller, Xue Hua, Suh Lee, Derrek Hibar, Ivo Dinov, Jason Stein, Clifford Jack, Michael Weiner, Arthur Toga, Paul Thompson, UCLA, Los Angeles, United States

321 WTh-AM

THE EFFECT OF MEMANTINE ON THE ACTIVITY OF THE RESTING WORKING MEMORY NETWORK IN ALZHEIMER DISEASE

Donata Paternicò, Marco Lorenzi, Alberto Beltramello, Elisa Canu, Giada Zoccatelli, Maria Cotelli, Francesca Pizzini, Daniela Costardi, Franco Alessandrini, Sandra Rosini, Giovanni Battista Frisoni, IRCCS San Giovanni di Dio Fatebenefratelli, Brescia, Italy

323 WTh-AM

Hippocampal changes correlate with connected white matter changes in Alzheimer's disease and DLB

Michael Firbank, Andrew Blamire, Andrew Teodorczuk, Emma Teper, Dipayan Mitra, John O'Brien, Newcastle University, Newcastle upon Tyne, United Kingdom

325 WTh-AM

Amygdalar local structural differences in Alzheimer's patients on 3T MRI

Enrica Cavedo, Marina Boccardi, Alberto Beltramello, Carlo Caltagirone, Paul Thompson, Giovanni Battista Frisoni, IRCCS S.Giovanni di Dio - Fatebenefratelli, Brescia, Italy

327 WTh-AM

Down syndrome as a model for preclinical Alzheimer's disease: preliminary findings using MEG

Naznin Virji-Babul, Alexander Moiseev, Wenqi Sun, Arif Babul, Faisal Beg, Rogerio deSousa, Rod Edwards, Down Syndrome Research Foundation, Burnaby, Canada

329 WTh-AM

Progression in fluent primary progressive aphasia (PPA): A longitudinal multivariate approach

Stefan Heim, Barbara Seidel, Louise Etcheverry Sáez, Wiebke Kuijsten, Marion Grande, Stephanie Schulte, Bruno Fimm, Martin Südmeyer, Peter Pieperhoff, Martina Minnerop, Klaus Willmes, Walter Huber, Yosef Grodzinsky, Katrin Amunts, Research Centre Juelich, INM-1, Juelich, Germany

331 WTh-AM

Investigation of cortical visual function and visual hallucinations in Dementia with Lewy Bodies

John-Paul Taylor, Michael Firbank, Nicola Barnett, Sarah Pearce, Anthea Livingstone, Urs Mosimann, Quoc Vuong, Ian McKeith, John O'Brien, Institute for Ageing and Health, Newcastle upon Tyne, United Kingdom

333 WTh-AM

Early and late onset Alzheimer's disease patients have distinct patterns of white matter damage

Elisa Canu, Giovanni Battista Frisoni, Federica Agosta, Michela Pievani, Matteo Bonetti, Massimo Filippi, Neuroimaging Research Unit, Institute of Experimental Neurology, University Ospedale San Raffaele, Milan, Italy

335 WTh-AM

outGRID: a worldwide e-Infrastructure for computational neuroscientists

Giovanni Battista Frisoni, David Manset, Yannick Legré, Simon Lovestone, Alan Evans, Arthur Toga, IRCCS San Giovanni di Dio Fatebenefratelli, Brescia, Italy

337 WTh-AM

fMRI Differences between Mild Cognitive Impairment Subjects and Normal Subjects during Memory Tasks

Mingwu Jin, Victoria Pelak, Tim Curran, Marie Banich, Rajesh Nandy, Dietmar Cordes, University of Colorado Denver, Aurora, United States

339 WTh-AM

Baseline BrainAGE score relates to 2-years decline of MMSE scores in AD and MCI

Katja Franke, Stefan Klöppel, Nikolaos Koutsouleris, Christos Davatzikos, Heinrich Sauer, Christian Gaser, Structural Brain Mapping Group, Department of Psychiatry, University of Jena, Jena, Germany

341 WTh-AM

MEG of Frontotemporal dementia reveals a shift from anterior to posterior interhemispheric coherence

James Rowe, Laura Hughes, Peter Nestor, MRC Cognition and Brain Sciences Unit, Cambridge, United Kingdom

343 WTh-AM

Alterations in the Verbal Working Memory Network in Mild Cognitive Impaired Subjects

Arun Bokde, Michaela Karmann, Christine Born, Stefan Teipel, Muamer Omerovic, Michael Ewerrs, M Reiser, Harald Hampel, Trinity College Dublin, Dublin, Ireland

345 WTh-AM

Structural Changes Associated with Mild Cognitive Impairment. A Quantitative Meta-Analysis

Alexandra Kleiman, Thomas Nick-Jockschat, Angela Laird, Peter Fox, Jörg Schulz, Simon Eickhoff, Kathrin Reetz, Department of Neurology, University Hospital RWTH Aachen, Aachen, Germany

347 WTh-AM

Regional brain atrophy associates with CSF-tau and p-tau levels in elders with and without dementia

CRISTINA SOLE-PADULLES, Albert Lladó, David Bartrés-Faz, Juan Fortea, Raquel Sanchez-Valle, Beatriz Bosch, Glòria Tersol, José-Luis Molinuevo, Lorena Rami, HOSPITAL CLINIC DE BARCELONA, BARCELONA, Spain

349 WTh-AM

MEG brain activity during a memory task in elders with subjective memory complaints

Fernando Maestú, Evgenia Baykova, Jose María Ruiz, Pedro Montejo, Maria Mercedes Montenegro, Marcos Llanero, Elena Solesio, Pedro Gil, Raquel Yubero, Francisco del Pozo, Nuria Paul, Angel Nevado, Universidad Complutense de Madrid, Madrid, Spain

351 WTh-AM

Classification of AD, MCI and Controls Using Large-Scale Network Analysis

Shi-Jiang Li, Gang Chen, Doug Ward, Chunming Xie, Wenjun Li, Jennifer Jones, Malgorzata Franczak, Piero Antuono, Medical College of Wisconsin, Milwaukee, United States

353 WTh-AM

Convergence of findings in PiB & FDG PET with Volumetric MRI in the diagnosis of atypical dementias

Gabriel Léger, Chertkow Howard, Victor Whitehead, Jim Nikelski, Alan Evans, Université de Montréal, Montréal, Canada

355 WTh-AM

Ranking the Clinical and Pathological Correlates of Ventricular Expansion Mapped in 804 Alzheimer's

YIYU CHOU, Natasha Lepore, Priyanka Saharan, Sarah Madsen, Xue Hua, Clifford Jack Jr., Leslie Shaw, John Trojanowski, Michael Weiner, Arthur Toga, Paul Thompson, Laboratory of Neuro Imaging, Dept. of Neurology, UCLA School of Medicine, Los Angeles, United States

357 WTh-AM

Subcortical Nuclei Shrinkage in Mild Cognitive Impairment: a volumetric study

Xiaohua Chen, Wei Wen, Julian Trollor, Faisal Beg, Pradeep Reddy, Ali R. Khan, Nicole Kochan, Henry Brodaty, Perminder Sachdev, School of Psychiatry, University of New South Wales, Australia; Gosford Hospital, Gosford, Australia, Sydney, Australia

359 WTh-AM

Abnormal Perfusion in Semantic Dementia investigated using Pulse Continuous Arterial Spin Labelling

Raffaella Crinelli, Tieqiang Li, Matthias Grieder, Lars-Olof Wahlund, Karolinska Institutet, Stockholm, Sweden

361 WTh-AM

Selective degeneration of ventral and dorsal language pathways in primary progressive aphasia

Dorothee Saur, Emily Rogalski, Susanne Schnell, Todd Parrish, Sandra Weintraub, Cynthia Thompson, Marsel Mesulam, University Medical Center Freiburg, Freiburg, Germany

363 WTh-AM

A potential tau therapy for Alzheimer's disease: Methylnium chloride (MTC)

Alison Murray, Trevor Ahearn, Roger Staff, Peter Bentham, Claude Wischik, University of Aberdeen, Aberdeen, United Kingdom

365 WTh-AM

Imaging markers reliably detect, dissociate and predict frequent dementia syndromes

Matthias Schroeter, Jane Neumann, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

367 WTh-AM

Default mode network abnormalities in presenilin-1 mutation carriers

Juan Fortea, Roser Sala-Llonch, David Bartrés-Faz, Beatriz Bosch, Albert Lladó, Nuria Bargallo, José-Luis Molinuevo, Raquel Sanchez-Valle, Hospital Clinic de Barcelona, Barcelona, Spain

369 WTh-AM

Spontaneous MEG Activity and Regional Cerebral Blood Flow in Alzheimer's Disease

Kenji Yoshiyama, Akinori Nakamura, Kersten Diers, Takashi Kato, Kentaro Ono, Hideyuki Hattori, Masahiko Bundo, Kengo Ito, National Center for Geriatrics and Gerontology, Obu, Japan

371 WTh-AM

Increased activity in healthy APOE- 4 carriers during an executive control task

Aaron Trachtenberg, Nicola Filippini, Jane Cheeseman, Fredrik Karpe, Clare Mackay, University of Oxford, Oxford, United Kingdom

373 WTh-AM

Neural substrates of recollection and familiarity in Alzheimer's disease

Sarah Genon, Eric Salmon, Fabienne Collette, Christine Bastin, Université de Liège, LIEGE, Belgium

375 WTh-AM

FDG PET of Mild Cognitive Impairment with Clinical Follow-up at Three Years

Pardo Jose, Joel Lee, Michael Kuskowski, Maurice Dysken, Pardo Jose, University of Minnesota, Eagan, United States

377 WTh-AM

BRAIN INJURY PATTERNS IN CHRONIC HIV INFECTION: CLASSIFICATION AND REGRESSION TREE ANALYSIS

Jaroslav Harezlak, David Tate, Constantin Yiannoutsos, Giovanni Schifitto, Jianhui Zhong, Jeffry Alger, Michael Taylor, Mark Brown, Eric Daar, Thomas Campbell, Elyse Singer, Deborah McMahon, Ronald Cohen, Bradford Navia, Indiana University School of Medicine, Indianapolis, United States

379 WTh-AM

Correlations Between the Auditory Evoked Responses and Cerebral Blood Flow in Alzheimer's Disease

Akinori Nakamura, Kenji Yoshiyama, Kersten Diers, Takashi Kato, Kentaro Ono, Hideyuki Hattori, Masahiko Bundo, Kengo Ito, National Center for Geriatrics and Gerontology, Obu, Japan

381 WTh-AM

Hippocampal structural and functional connectivity: a DTI-fMRI study in Alzheimer's disease

Paolo Vitali, Fulvia Palesi, Angela Vultaggio, Patrizia Chiarati, Guy Poloni, Michela Ponzio, Enrico Colli Tibaldi, Eduardo Caverzasi, Anna Pichiecchio, Elena Sinfiorani, Stefano Bastianello, Neurological Institute C.Mondino, Pavia, Italy

383 WTh-AM

A New Axial Medial Temporal Atrophy Visual Rating Scale with 3D Hippocampal Volumetric Analysis

Jee H. Jeong, Geon Ha Kim, Duk L. Na, Jong-Min Lee, Department of Neurology, Ewha Womans University, School of Medicine, Department of Neurology, Seoul, Korea, Republic of

385 WTh-AM

Statistical Map-based Classification of MCI and Alzheimer's disease using machine learning

Liana Apostolova, Kristy Hwang, Sona Babakchanian, Amity Green, Daqiang Sun, Charleen Zoumalan, Reza Kanani, Hyun Jeong Han, Benjamin Wang, Jeffrey Cummings, Arthur Toga, Paul Thompson, UCLA, Los Angeles, United States

387 WTh-AM

Frontal-striatal connectivity in healthy subjects in a working memory study using fMRI and DTI

Marc Bohlken, Sandra Leh, Alain Ptito, Abbas Sadikot, Sonja Huntgeburth, Jen-Kai Chen, Antonio Strafella, Faculty of Clinical Neuropsychology, VU University, Amsterdam, Netherlands

389 WTh-AM

Increased Fiber Network Clustering in Healthy Older Subjects at Genetic Risk for Alzheimer's Disease

Jesse Brown, Alison Burggren, Gary Small, Susan Bookheimer, UCLA, Los Angeles, United States

DISORDERS OF THE NERVOUS SYSTEM

Autism

391 WTh-AM

Investigating asymmetry of structural connectivity in autism

Nagesh Adluru, Kim Dalton, Andrew Alexander, Richard Davidson, University of Wisconsin, Madison, United States

393 WTh-AM

Normal activity in the fusiform gyrus for faces but not social inferences in high-functioning autism

Jill Weisberg, Shawn Milleville, Gregory Wallace, Laura Case, Lauren Kenworthy, Alex Martin, San Diego State University Research Foundation, San Diego, United States

395 WTh-AM

Brain structure anomalies in autism spectrum disorder and their relation to age: a meta-analysis

Thomas Nickl-Jockschat, Ute Habel, Tanja Michel, Angela Laird, Peter Fox, Frank Schneider, Simon Eickhoff, RWTH Aachen University, Aachen, Germany

397 WTh-AM

Atypical organization of intrinsic brain networks in young children with autism spectrum disorder

Lucina Uddin, Maria Barth, Amirah Khouzam, Kaustubh Supekar, Miriam Rosenberg-Lee, Jennifer Phillips, Antonio Hardan, Vinod Menon, Stanford University, Stanford, United States

399 WTh-AM

Corpus callosum size in adults with high-functioning autism and the relevance of gender

Ralf Tepest, Esther Jacobi, Astrid Gawronski, Barbara Krug, Fritz Lehnhardt, Walter Möller-Hartmann, Kai Vogeley, University of Cologne, Cologne, Germany

401 WTh-AM

Resting State Default Mode Sub-Networks in Autism Spectrum Disorders

Michal Assaf, Kanchana Jagannathan, Vincent Calhoun, Michael Stevens, Robert Sahl, Robert Schultz, Godfrey Pearlson, Olin Neuropsychiatry Research Center, IOL, Hartford, United States

403 WTh-AM

Aberrant Development of the Social Cognition Network during adolescence in Autism Spectrum Disorders

Chun-Wei Lan, Kun-Hsien Chou, I-Yun Chen, Ya-wei Cheng, Jean Decety, Ching-Po Lin, Institute of Biomedical Imaging and Radiological Sciences, National Yang-Ming University, Taipei, Taiwan, Republic of China

405 WTh-AM

Effects of Aripiprazole on Brain Circuitry in Youth with Autism Spectrum Disorders

Kimberly Stigler, Yang Wang, Mario Dzemidzic, Brenna McDonald, Christopher McDougle, Amit Anand, Andrew Saykin, Indiana University School of Medicine, Indianapolis, United States

407 WTh-AM

The corpus callosum in 3 year olds with autism: segmenting callosal regions by axon projection zone

Christine Nordahl, Robert Scholz, Lee Perry, Adam Wandell, Robert Dougherty, Tony Simon, Sally Rogers, Brian Wandell, David Amaral, University of California at Davis, Sacramento, United States

409 WTh-AM

Corticocortical and Thalamocortical Resting State Sensory Area Correlations Are Atypical in Autism

Elise Barbeau, Isabelle Soulières, Susan Whitfield-Gabrieli, Laurent Mottron, Thomas Zeffiro, Centre d'excellence en Troubles envahissants du développement de l'Université de Montréal (CETEDUM), Montreal, Canada

411 WTh-AM

The Neural Correlates of Emotional Music Perception in Children with ASD

Istvan Molnar-Szakacs, Tiffany Wong, Martha Wang, Lawrie McKay, Elizabeth Laugeson, Katie Overy, Judith Piggot, UCLA, Los Angeles, United States

413 WTh-AM

Reduced Functional Connectivity Between Fusiform Face Area and Amygdala in Adolescents with Autism

Jeffrey Rudie, Zarrar Shehzad, Jennifer Pfeifer, Natalie Colich, Marco Iacoboni, Susan Bookheimer, Mirella Dapretto, UCLA, Los Angeles, United States

415 WTh-AM

Right orbitofrontal connectivity in default mode network of children with autism spectrum disorder

Heejung Kim, Eunjoo Kang, Hyejin Kang, Hye-Kyung Lee, Jae Sung Lee, Moo Chung, Hyo-won Kim, Soo Churl cho, Boong-Nyun Kim, Dong Soo Lee, Seoul Natl University, Seoul, Korea, Republic of

417 WTh-AM

Differences in metabolic connectivity between autism and attention deficit/hyperactivity disorder

Hyejin Kang, Heejung Kim, Eunjoo Kang, Hye-Kyung Lee, Moo Chung, Jae Sung Lee, Hyo-won Kim, Soo Churl cho, Boong-Nyun Kim, Dong Soo Lee, Seoul Natl University, Seoul, Korea, Republic of

419 WTh-AM

Emotional processing of preferred music in individuals with autism spectrum disorders

simona de falco, Paola Venuti, Andrea Caria, university of trento, rovereto, Italy

421 WTh-AM

Developmental changes in brain function underlying inhibitory control in autism

Aarthi Padmanabhan, Ran Liu, Natalie Nawarawong, Robert Terwilliger, Krista Garver, Charles Geier, Nancy Minshew, John Sweeney, Beatriz Luna, Laboratory of Neurocognitive Development, University of Pittsburgh Medical Center, Pittsburgh, United States

423 WTh-AM

A 1H-MRS study of the auditory cortex in persons with autism and their first-degree relatives

Don Rojas, Katie Youngpeter, Susan Hepburn, Mark Brown, University of Colorado Denver, Aurora, United States

425 WTh-AM

Electromagnetic brain activity in autistic individuals during disembedding task performance

Nicola Neumann, Anna Dubischar-Krivec, Sven Bölte, Fritz Poustka, Niels Birbaumer, Christoph Braun, University of Greifswald, Greifswald, Germany

427 WTh-AM

Functional Under-Connectivity in the Default Mode Networks of Autistic Individuals

Stuart Washington, Evan Gordon, Jasmit Brar, Laura Girton, Ayichew Hailyu, Amanda Wolfe, Samantha Warburton, Juma Mbwana, William Gaillard, M Kalbfleisch, John Van Meter, Georgetown University, Washington, United States

429 WTh-AM

Face processing Deficits in Autistic Spectrum Disorder is Due to Diminished Signal in the FFA

Stephen HANSON, Arielle Schmidt, Catherine Hanson, Rutgers University, Newark, United States

431 WTh-AM

Language-related pathways in non-verbal children with autism

Catherine Wan, Andrea Norton, Rebecca Baars, Amanda Libenson, Gottfried Schlaug, BIDMC / Harvard Medical School, Boston, United States

DISORDERS OF THE NERVOUS SYSTEM

Brain and Spinal Cord Trauma

433 WTh-AM

White Matter Alterations and BOLD Signal Changes in Children Post Mild TBI: A DTI and fMRI Study

Rajeet Singh Saluja, Jen-Kai Chen, Rosanne Aleong, Gabriel Leonard, Michelle Keightley, Isabelle Gagnon, Alain Ptito, McGill University, Montreal, Canada

435 WTh-AM

Preliminary Evidence for Axonal Regeneration in Cerebral Peduncles following Traumatic Brain Injury

Kimberly Farbota, Barbara Bendlin, Howard Rowley, Erik Kastman, Lisa Newman, Amy Hawley, Andrew Alexander, Michele Ries, Donald McLaren, Sterling Johnson, William S. Middleton Veterans Hospital and the University of Wisconsin School of Medicine, Madison, United States

437 WTh-AM

Switching between bimanual movement patterns in young adults with traumatic brain injury

Inge Leunissen, James Coxon, Karen Caeyenberghs, Monique Geurts, Karla Michiels, Hilde Beyens, Charlotte Kiekens, Stefan Snaert, Stephan Swinnen, Motor Control Laboratory, Group Biomedical Sciences, KULeuven, Heverlee, Belgium

439 WTh-AM

Changes in frequency power spectrum observed as result of mild traumatic brain injury

Suzanne Witt, David W Lovejoy, Howard Oakes, Vince D. Calhoun, Godfrey Pearlson, Michael Stevens, Institute of Living, Hartford, United States

441 WTh-AM

Progressive atrophy in the corpus callosum of young concussed football players

Sebastien Tremblay, Luke Henry, Caroline Brun, Julie Tremblay, Paul Thompson, Natasha Lepore, Maryse Lassonde, Université de Montréal, Montreal, Canada

443 WTh-AM

Structural connectivity in the default mode network in vegetative and minimally conscious states

Davinia Fernández-Espejo, Carme Junque, Monste Bernabeu, Teresa Roig, Jose Mercader, University of Barcelona, Barcelona, Spain

445 WTh-AM

Cortical thickness correlation matrices in Multiple Sclerosis and healthy control subjects

Mehul Sampat, Christopher Nguyen, Daniel Pelletier, Roland Henry, UCSF, San Francisco, United States

447 WTh-AM

PET multi-tracer study to investigate the higher brain dysfunction in diffuse axonal injury

Tadashi Nariai, Mikio Hiura, Iwae Yu, Motoki Inaji, Chihiro Hosoda, Yuichi Kimura, Kiichi Ishiwata, Kenji Ishii, Kikuo Ohno, Department of Neurosurgery, Tokyo Medical and dental University, Tokyo, Japan

449 WTh-AM

Brain-computer interface in disorders of consciousness: answering simple questions with a P3 speller

Quentin Noirhomme, Camille Chatelle, Sonja Kleih, Marie Thonnard, Athena Demertzi, Marie-Aurelie Bruno, Audrey Vanhauzenhuyse, Olivia Gosseries, Caroline Schnakers, Rémy Lehembre, Andrea Soddu, Andrea Kübler, Steven Laureys, Dorotheé Lulé, Coma Science Group, Cyclotron Research Centre, University of Liege, Liege, Belgium

451 WTh-AM

Default mode network involvement in sustained attention deficits following Traumatic brain injury

Valerie Bonnelle, Xavier de Boissezon, Robert Leech, Kirsi Kinnunen, Richard Greenwood, Christian Beckmann, David Sharp, Imperial College, London, United Kingdom

453 WTh-AM

Structural and functional connectivity predicts cognitive function after traumatic brain injury (O-W2)

David Sharp, Christian Beckmann, Richard Greenwood, Valerie Bonnelle, Kirsi Kinnunen, Xavier de Boissezon, Robert Leech, Imperial College London, London, United Kingdom

455 WTh-AM

Longitudinal Changes in Brain Atrophy Rates after TBI Suggest Multiple Neurodegenerative Mechanisms

Aparna Sodhi, Barbara Bendlin, Donald McLaren, Erik Kastman, Michele Ries, Guofan Xu, Howard Rowley, Sterling Johnson, William S. Middleton Veterans Hospital and the University of Wisconsin School of Medicine, Madison, United States

457 WTh-AM

Functionally-Observed Concussion in High School Athletes: Hidden Brain Injury with Lasting Effect?

Thomas Talavage, Larry Leverenz, Eric Nauman, Evan Breedlove, Umit Yoruk, Katie Morigaki, Meghan Robinson, Dennis Miller, Charles Bouman, Purdue University, West Lafayette, United States

DISORDERS OF THE NERVOUS SYSTEM

Developmental Disorders

459 WTh-AM

Why can't I stop? A novel fMRI study of cancellation and restraint in children with & without ADHD

Mehereen Wadiwalla, Andre Chevrier, Russell Schachar, Hospital for Sick Children, University of Toronto, Toronto, Canada

461 WTh-AM

Cerebral Plasticity with High Altitude Hypoxia,

Xiaodan YAN, RPI, TROY, United States

463 WTh-AM

Spatial Working Memory in Children with Alcohol ARND and ADHD

Krisztina Malisz, Bruce Bolster, Patricia Gervai, Joan Buss, Deborah Shiloff, Rena Papadimitropoulos, Albert Chudley, Sally Longstaffe, NRC-Institute for Biodiagnostics, Winnipeg, Canada

465 WTh-AM

Distinguishing between Children diagnosed with ARND and ADHD using fMRI of an Attention Task

Krisztina Malisz, Bruce Bolster, Joan Buss, Patricia Gervai, Deborah Shiloff, Rena Papadimitropoulos, Sally Longstaffe, Albert Chudley, NRC-Institute for Biodiagnostics, Winnipeg, Canada

467 WTh-AM

Methylphenidate response to working memory load varies by DAT1 genotype in childhood ADHD: A phfMRI

Chandan Vaidya, Melanie Stollstorff, Jennifer Foss-Feig, Laura Kenealy, William Gaillard, Mark Stein, Edwin Cook, Jr, Georgetown University, Washington, United States

469 WTh-AM

Chinese dyslexia shows orthographic and phonological deficits in brain organization

Li Liu, Wenjing Wang, Wenping You, Yi Li, Xu Zhao, James Booth, Danling Peng, Beijing Normal University, State Key Laboratory of Cognitive Neuroscience and Learning, Beijing, China

471 WTh-AM

How many deficits in the same dyslexic brains? Behavioral and fMRI assessment of competing theories

ERALDO PAULESU, Laura Danelli, Gabriella Bottini, Università Milano Bicocca, Milano, Italy

473 WTh-AM

Visual print processing deficits in dyslexia: fMRI evidence from a large multicenter study

Urs Maurer, Silvia Brem, Martin Kronbichler, Matthias Schurz, Vera Blau, Joel Reithler, Sanne van der Mark, Enrico Schulz, Kerstin Bucher, Ernst Martin, Rainer Goebel, Leo Blomert, Heinz Wimmer, Daniel Brandeis, University of Zurich, Zurich, Switzerland

475 WTh-AM

Genetic and environmental substrates of white matter changes in ADHD: a combined VBM/DTI study

Dennis van 't Ent, Toos van Beijsterveldt, Eske Derks, James Hudziak, Dick Veltman, Dorret Boomsma, Eco de Geus, VU amsterdam, Amsterdam, Netherlands

477 WTh-AM

A common neuroanatomical dysfunction of developmental dyslexia and acquired letter-by-letter reading

Fabio Richlan, Matthias Schurz, Martin Kronbichler, Heinz Wimmer, Gunther Ladurner, University of Salzburg, Salzburg, Austria

479 WTh-AM

Dysfunctional fear expression networks for cognitively but not for implicitly induced fear in ADHD

Simon Maier, Anna Szalkowski, Jens Blechert, Susanne Kamphausen, Evgeniy Perlov, Ludger Tebartz van Elst, Alexandra Philipsen, Oliver Tiescher, University Clinic Freiburg, Freiburg, Germany

481 WTh-AM

Role of LIMK1 in Dorsal Stream Dysfunction in Williams Syndrome

Katherine Roe, Tiffany Nash, Aarthi Padmanabhan, Jonathan Shane Kippenhan, Philip Kohn, Carolyn Mervis, Ariel Pani, Andreas Meyer-Lindenberg, Karen Berman, National Institutes of Health, Bethesda, United States

483 WTh-AM*

Effect of DAT1 Genotype and ADHD Diagnosis on Task-Positive & Task-Negative Working Memory Networks (O-Th3)

Ariel Brown, Joseph Biederman, Eve Valera, Michael Monuteaux, Nikos Makris, Larry Seidman, Massachusetts General Hospital, Boston, United States

485 WTh-AM

Anatomical dysconnectivity in children with attention deficit/hyperactivity disorder

Yoon-Kyoung Yim, Hyejin Kang, Moo Chung, Eunjoo Kang, Hye-Kyung Lee, Hyo-won Kim, Boong-Nyun Kim, Dong Soo Lee, Seoul Natl University, Seoul, Korea, Republic of

487 WTh-AM

Altered default mode network activity and connectivity in adult ADHD patients

Andreas Konrad, Thomas Dielentheis, Martin Bayerl, Michael Huss, Goran Vucurevic, University Medical Centre Mainz, Mainz, Germany

489 WTh-AM

Abnormal physiology and maturation of the dorsal stream pathway in Neurofibromatosis type 1

Ines Violante, Maria Ribeiro, Gil Cunha, Eduardo Silva, Miguel Castelo-Branco, IBILI, Faculty of Medicine, University of Coimbra, Coimbra, Portugal

491 WTh-AM

Regional Brain Volume Reductions Relate to Facial Dismorphology and Neurocognitive Function in FASD

Florence Roussotte, Christopher Nunez, Sarah Mattson, Edward Riley, Kenneth Jones, Colleen Adnams, Philip May, Mary O'Connor, Katherine Narr, Elizabeth Sowell, UCLA, Los Angeles, United States

493 WTh-AM

Intellectual disability: EEG signal randomness measured by approximate entropy

Julie Palix, Fabienne Guiliani, Sophie Pernier, Elodie Jombart, François Grasset, Cherine Fahim, Catherine Brandner, LERB/ University of Lausanne, Lausanne, Switzerland

495 WTh-AM

A longitudinal study of gray matter volume change during reading intervention in dyslexic children

Anthony Krafnick, Ashley Wall, Eileen Napoliello, D Flowers, Guinevere Eden, Georgetown University, Washington, United States

497 WTh-AM

An fMRI study of the neural bases of comorbidity of dyscalculia and dyslexia in adults

Anna Wilson, Janine Keir, Stuart Andrewes, Philip Light, Rajna Bogdanovic, Helena Struthers, Kimberley Maskell, Karen Waldie, University of Canterbury, Christchurch, New Zealand

499 WTh-AM

Remote cerebral cortical effects following injury to the immature cerebellum

Cedric Clouchoux, Adre Du Plessis, Alan Evans, Kevin Larcher, Catherine Limperopoulos, Montreal Children Hospital / Montreal Neurological Institute, Montreal, Canada

501 WTh-AM

Validity of FreeSurfer for measurement of brain volumes in children with fetal alcohol syndrome

Sandra Jacobson, Christopher Warton, Neil Dodge, Francois De Guio, Christopher Molteno, Joseph Jacobson, Ernesta Meintjes, Wayne State University, Detroit, United States

503 WTh-AM

New insights on white matter architecture in 22q11 deletion syndrome: a connectivity analysis

Marie-Christine OTTET, Leila Cammoun, Marie Schaar, Djalel Meskaldji, elda fischi, Patric Hagmann, Jean-Philippe Thiran, Stephan Eliez, Service Médico-Pédagogique UNIGE - Signal Processing Laboratory (LTS5), EPFL, GENEVA, Switzerland

505 WTh-AM*

Motivation and methylphenidate modulate task-related Default Mode Network deactivation in ADHD (O-Th3)

Elizabeth Liddle, Chris Hollis, Martin Batty, Madeleine Groom, John Totman, Mario Liotti, Gaia Scerif, Peter Liddle, University of Nottingham, Nottingham, United Kingdom

EMOTION AND MOTIVATION

Decision Making

507 WTh-AM

Understanding how unrealistic optimism persists in the face of reality

Tali Sharot, Christoph Korn, Raymond Dolan, UCL, London, United Kingdom

509 WTh-AM

Simultaneous EEG Hyperscanning during Linked Social Interactions of the Ultimatum Game

Kyongsik Yun, Dongil Chung, Jaeseung Jeong, KAIST, Daejeon, Korea, Republic of

511 WTh-AM

The Neural Substrate of Uncertainty in Decision Making: an Information Theory Approach

Joaquín Goñi, Maite Aznárez-Sanado, Gonzalo Arrondo, María Fernández-Seara, Franz Heukamp, María A Pastor, CIMA - University of Navarra, Pamplona, Spain

513 WTh-AM

The Neural Correlates of Risky Decision-Making during Intravenous Alcohol Administration

Jodi Gilman, Ashley Smith, Tess Crouss, Vijay Ramchandani, Reza Momenan, Daniel Hommer, National Institutes of Health, Bethesda, United States

515 WTh-AM*

Episodic future thought reduces delay discounting through prefrontal-mediocortical interactions (O-T4)

Jan Peters, Christian Büchel, NeuroimageNord, Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf, Hamburg, Germany

517 WTh-AM

Dopamine-mediated value signals in ventromedial prefrontal cortex underlie reinforcement-based choices

Gerhard Jocham, Tilmann Klein, Markus Ullsperger, Max Planck Institute for Neurological Research, Cologne, Germany

519 WTh-AM

Spontaneous and instructed optimism. A perfusion imaging study

Roberto Viviani, Andrea Horn, Hanna Lo, Julia Kirchheiner, Eun-Jin Sim, University of Ulm, Ulm, Germany

521 WTh-AM

Temporal Dynamics of Loss Aversion as a Function of Change in Endowment Value: an fMRI Investigation

V. S. Chandrasekhar Pammi, Sergio Ruiz, Sangkyun Lee, Niels Birbaumer, Ranganatha Sitaram, Centre of Behavioural and Cognitive Sciences, University of Allahabad, Allahabad, India

523 WTh-AM

Neural Processing of a Dilemma: Deciding Between Two Aversive Outcomes

M Ryan Haynes, Joseph Barter, Martina Ly, Daniel Weinberger, Wolfram Schultz, Caroline Zink, National Institute of Mental Health, NIH, Bethesda, United States

525 WTh-AM

Development of fairness-related behaviour and its neural underpinnings

Nikolaus Steinbeis, Tania Singer, Laboratory for Social and Neural Systems Research, University of Zurich, Zürich, Switzerland

527 WTh-AM

Different Involvement of Ventromedial and Dorsolateral Prefrontal Cortices in Trading Bubble Stock

Akitoshi Ogawa, Tamotsu Onozaki, Takayuki Mizuno, Takeshi Asamizuya, Kenichi Ueno, Kang Cheng, Atsushi Iriki, RIKEN Brain Science Institute, Wako, Japan

529 WTh-AM

Iowa Gambling Task in Patients with Parkinson's Disease; a fMRI Study – Interim Analysis

Tomas Gescheidt, Ivica Husarova, Radek Marecek, Michal Mikl, Kristina Czekoova, Tomas Urbanek, Martin Bares, Petr Krupa, Ivan Rektor, Department of Neurology St. Anne's Hospital Medical Faculty Masaryk University Brno, Czech Republic, Brno, Czech Republic

531 WTh-AM

Neural evidence against the pain of paying theory of cost processing

Hilke Plassmann, Nina Mazar, Antonio Rangel, INSEAD, Fontainebleau, France

533 WTh-AM

Conflictive emotions in interpersonal interactions: An fMRI and HD-ERP study

María Ruz, Eduardo Madrid, Pío Tudela, Universidad de Granada, Granada, Spain

535 WTh-AM

Neural Mechanisms Mediating the Default Bias

Rongjun Yu, Dean Mobbs, Ben Seymour, Andrew Calder, MRC Cognition and Brain Sciences Unit, Cambridge, United Kingdom

537 WTh-AM

The Neuroscience of Moral Action: A Focus on Virtuous Exemplars

Michael Spezio, Kevin Reimer, Gregory Peterson, James Van Slyke, Catherine Holcomb, Warren Brown, Scripps College, Claremont, United States

539 WTh-AM

A Bayesian foundation for reinforcement learning

Christoph Mathys, Jean Daunizeau, Karl Friston, Klaas Enno Stephan, ETH Zurich, University of Zurich, Zürich, Switzerland

541 WTh-AM

Dorsolateral prefrontal cortex activity accounts for individual differences in intertemporal choice

Andreas Böhringer, Konstanze Albrecht, Arno Villringer, Burkhard Pleger, Max-Planck-Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

543 WTh-AM

Beyond Expected Value and Variance: Financial Skewness activates Anterior Insula

Charlene Wu, Peter Bossaerts, Brian Knutson, Stanford University, Stanford, United States

545 WTh-AM

Stimulus and action value representations during simple economic choice

Todd Hare, Wolfram Schultz, Colin Camerer, Antonio Rangel, Caltech, Pasadena, United States

547 WTh-AM

Activation of the Salience Network During a Jumping to Conclusion Task in Healthy Subjects

Urs Braun, Christine Esslinger, Frederike Schirmbeck, andreia santos, Gass Dagmar, Carina Sauer, Haddad Leila, Daniela Mier, Oliver Grimm, Zink Mathias, Peter Kirsch, Andreas Meyer-Lindenberg, Central Institute of Mental Health, Mannheim, Germany

549 WTh-AM

Individual differences in neural correlates of fairness considerations

Berna Güro lu, Wouter van den Bos, S.A.R.B. Rombouts, Eveline A. Crone, Leiden University, Leiden, Netherlands

551 WTh-AM

The rationale behind irrational decisions

Sara Gonzalez Andino, Helene Tzieropoulos, Rolando Grave de Peralta Menendez, Peter Bossaerts, University of Geneva, Geneva, Switzerland

553 WTh-AM

Developmental Differences in Insular Cortex Activation During Risky Decision-Making

Daniel Hommer, Ashley Smith, Jodi Gilman, Reza Momenan, Vijay Ramchandani, Tess Couss, NIAAA/NIH, Bethesda, United States

555 WTh-AM

Neural Predictors of Self and Charity Framing Effects

David V. Smith, Vinod Venkatraman, Ronald Carter, John Clithero, Pate Skene, Michael Platt, Scott Huettel, Duke University, Durham, United States

557 WTh-AM

Effects of Emotion on Interpretive Process of Other's Facial Expression

Joohan Kim, Eun Joo Kim, Mina Choi, Wooyeol Shin, Mina Park, Jung In Choi, Hae-Jeong Park, Yonsei University, Seoul, Korea, Republic of

559 WTh-AM

Are Choices All the Same? Comparison between Choices with and without Agency

Arum Hwang, kyeheyoung Lee, Hyejin Kim, Ji Youn Shin, Mimi Bong, Sung-il Kim, Department of Education and bMRI (Brain and Motivation Research Institute), Korea University, Seoul, Korea, Republic of

561 WTh-AM

Neural Correlates of Distress Intolerance

Stacey B Daughters, Tom J Ross, Jessica Richards, Stephanie Gorka, Elliot A Stein, University of Maryland, College Park, United States

563 WTh-AM

Neural substrates for human decision making

Asako Miyakawa, Nola Klempfuss, Jonathan Wallis, Roshan Cools, Mark D'Esposito, Richard Ivry, University of California, Berkeley, Berkeley, United States

565 WTh-AM

Searching for Beauty in the Mundane: Amygdalar Involvement in Feature-based Attention to Emotion

Richard Jacobs, Remco Renken, Andre Aleman, Frans Cornelissen, UMC Groningen, Groningen, Netherlands

EMOTION AND MOTIVATION

Emotional Learning

567 WTh-AM*

Fear conditioning mechanisms associated with trait vulnerability to anxiety (0-W5)

Sonia Bishop, Iole Indovina, Trevor Robbins, Barnaby Dunn, Anwar Núñez-Elizalde, UC Berkeley, Berkeley, United States

569 WTh-AM

Arousal and valence-dependent modulation of the BOLD signal during image encoding

Elizabeth Kehoe, Arun Bokde, Trinity College Dublin, Dublin, Ireland

571 WTh-AM

Implicit fear conditioning is modulated by sex and stress hormones

Christian J. Merz, Katharina Tabbert, Dieter Vaitl, Rudolf Stark, Oliver Wolf, Department of Cognitive Psychology, Ruhr-University Bochum, Bochum, Germany

573 WTh-AM

fMRI correlates of emotional word encoding & recognition in Major Depressive Disorder and Anxiety

Marie Jose van Tol, Nic van der Wee, Liliana Demenescu, Remco Renken, André Aleman, Mark van Buchem, Frans Zitman, Dick Veltman, Leiden University Medical Center, Leiden, Netherlands

575 WTh-AM

**Understanding Limitations of Eyewitness Memory:
How Acute Stress Alters Memory Formation**

Shaozheng Qin, Erno Hermans, Hein Marle, Guillén Fernández, Radboud University Nijmegen, Donders Institute for Brain, Cognition and Behaviour, Nijmegen, Netherlands

577 WTh-AM

**Does negative feedback induce harmful emotion?
Effects of informative feedback on emotion regulation**

Juyeon Song, Yeon-kyoung Woo, Catherine Cho, Yi Jiang, Mimi Bong, Sung-il Kim, Department of Education and bMRI (Brain and Motivation Research Institute), Korea University, Seoul, Korea, Republic of

579 WTh-AM

Functional neuroanatomy of erotic stimuli and their anticipation

Alfonso Barrós-Loscertales, Juan-Carlos Bustamante, Noelia Ventura-Campos, Victor Costumero, M^a Antònia Parcet-Ibars, César Ávila, Universitat Jaume I, Castellón, Spain

581 WTh-AM

Implicit Learning under disappointment

Helene Tzieropoulos, Rolando Grave de Peralta Menendez, Peter Bossaerts, Sara Gonzalez Andino, University of Geneva, Geneva, Switzerland

583 WTh-AM

Social anxiety modulates neural responses during conditioning with socially relevant stimuli

Tanja Pejic, Andrea Hermann, Dieter Vaitl, Rudolf Stark, Bender Institute of Neuroimaging, University of Giessen, Giessen, Germany

585 WTh-AM

Effects of stress-related neuromodulators on amygdala-dependent memory encoding during acute stress

Erno Hermans, Vincent Schoots, Thijs van de Laar, Kristianne Derckx, Guillén Fernández, Radboud University Nijmegen, Donders Institute (RU/DI-BCB), Nijmegen, Netherlands

587 WTh-AM

Punishment sensitivity predicts BOLD response to prediction errors in reward and avoidance learning

Dharol Tankersley, GEORGE CHRISTOPOULOS, BROOKS KING-CASAS, Pearl Chiu, Baylor College of Medicine, Houston, United States

589 WTh-AM

Is brain connectivity during cognitive-emotional processing associated with DARPP-32 encoding gene?

Branislava Curcic-Blake, Marte Swart, Iddo Kema, André Aleman, University Medical Center Groningen, Groningen, Netherlands

EMOTION AND MOTIVATION

Emotional Perception

591 WTh-AM

EEG Power Correlates of Emotional States Induced during Oral Reading

Sergey Danko, Larisa Gratcheva, Larisa Piotrovskaya, Julia Boytsova, Maria Solovjeva, Institute of the Human Brain RAS, Saint-Petersburg, Russian Federation

593 WTh-AM

Auditory Empathy Test in Healthy Subjects and Unconscious Patients

boris kotchoubey, Tao Yu, Simone Lang, Alexandra Markl, Moritz Berger, Friedemann Müller, university of tuebingen, tuebingen, Germany

595 WTh-AM

Emotional and cognitive interference in major depression: a study with fMRI

Natascha Chechko, Thilo Kellermann, Michael Zvyagintsev, Frank Schneider, Ute Habel, RWTH, Aachen, Germany

597 WTh-AM

Neural Correlates of Self-Criticism and Self-Reassurance

Olivia Longe, Paul Gilbert, Frances Maratos, Gina Rippon, Aston University, Birmingham,, United Kingdom

599 WTh-AM

Modulation of emotional processing by cognitive demand

Tanja Kellermann, Melanie Sternkopf, Ute Habel, Frank Schneider, Karl Zilles, Bruce Turetsky, Simon Eickhoff, RWTH Aachen University, Aachen, Germany

601 WTh-AM

Task dependent networks in an affective go/no-go paradigm

Allison Nugent, Rebecca Davis, Barry Horwitz, Wayne Drevets, Maura Furey, National Institute of Mental Health, Bethesda, United States

603 WTh-AM

Two-step perception of negative auditory emotions using a continuous carry-over fMRI design

Patricia Bestelmeyer, Pierre Maurage, Julien Rouger, Ian Charest, Frances Crabbe, Pascal Belin, University of Glasgow, Glasgow, United Kingdom

605 WTh-AM

'The Sex-effect' or: how to correlate anticorrelated networks – an fMRI study

Coraline Metzger, Felix Schneider, Ulf Eckert, Nora Haila, Julia Elise Buchmann, Dorothea Horn, Johann Steiner, Claus Tempelmann, Bernhard Bogerts, Martin Walter, Otto- von- Guericke University Magdeburg, Department of Psychiatry, Canlab, Magdeburg, Germany

607 WTh-AM

The Effect of Attentional Load on Processing of Facial Expression

Yongjuan Zhang, Yonghui Wang, Renlai Zhou, School of Psychology, Shaanxi Normal University, Xi'an, China

609 WTh-AM

The serotonin transporter gene and the effect of baseline on amygdala response to emotional faces

Elisabeth von dem Hagen, Luca Passamonti, Andrew Calder, MRC Cognition & Brain Sciences, Cambridge, United Kingdom

611 WTh-AM

Examining Prefrontal to Amygdala Circuitry During Emotion Regulation Using Dynamic Causal Modeling

Brianna Schuyler, Helen Weng, Melissa Rosenkranz, Donal MacCoun, Jenna Sheftel, Antoine Lutz, Richard Davidson, University of Wisconsin, Madison, WI, Madison, United States

613 WTh-AM

Basic emotions in music - neural correlates and inter-individual variability

Mona Park, Petra Carl, Maximilian Reiser, Ernst Pöppel, Thomas Meindl, Lorenz Welker, Evgeny Gutyrchik, Institute of Medical Psychology, LMU/Human Science Center, LMU, Munich, Germany

615 WTh-AM

Neural dynamics in preattentive perception of emotional prosody

An-Yi Hung, Yen-Ju Feng, Yawei Cheng, Institute of Neuroscience, National Yang-Ming University, Taipei, Taiwan, Republic of China

617 WTh-AM

EEG Default Mode Network: Emotion effects under anesthesia

Andrew Chen, Center for Higher Brain Function, Capital Medical University, Beijing, China

619 WTh-AM

Perceived threat during prolonged stress exposure affects amygdala activity and connectivity

Guido van Wingen, Elbert Geuze, Eric Vermetten, Guillén Fernández, Radboud University Nijmegen, Donders Institute for Brain, Cognition and Behaviour, Nijmegen, Netherlands

621 WTh-AM

Dissociating face processing from contextual effects in the amygdala using high resolution fMRI

Sabrina Boll, Matthias Gamer, Christian Büchel, NeuroimageNord, Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf, Hamburg, Germany

623 WTh-AM

fMRI correlates of neutral and emotional facial recognition in Multiple Sclerosis

Margit Jehna, Mirja Wallner-Blazek, Michael Khalil, Marisa Loitfelder, Siegrid Fuchs, Anja Ischebeck, Stefan Ropele, Christa Neuper, Franz Fazekas, Christian Enzinger, Medical University of Graz, Graz, Austria

625 WTh-AM

Anhedonia as a Failure in Integration of Emotional Information in Patients with Schizophrenia

Soo-Hee Choi, Hyeongrae Lee, Jeonghun Ku, Kyung Mook Choi, Sun I. Kim, Kang-Jun Yoon, Jae-Jin Kim, Institute of Behavioral Science in Medicine and Department of Psychiatry, Yonsei University College, Seoul, Korea, Republic of

627 WTh-AM

Seeing is believing: Neural mechanisms of action perception are influenced by team membership

Pascal Molenberghs, Halász Veronika, Jason Mattingley, Vanman Eric, Cunningham Ross, The University of Queensland, Queensland Brain Institute & School of Psychology, St Lucia, Australia

629 WTh-AM

The Right Superior Parietal Lobule Monitors Neutral Faces Associated with Negative Emotion

Koji Kashihara, Kazuo Okanoya, Nobuyuki Kawai, JST-ERATO, Nagoya, Japan

631 WTh-AM

Spatiotemporal characteristic of emotion-modulated face processing: An MEG study

YU-HAN CHEN, Jürgen Dammers, Frank Boers, Susanne Leiber, Klaus Mathiak, RWTH Aachen University, Aachen, Germany

633 WTh-AM

The Neural Correlates of Arousal, Valence and Dominance during the Perception of Laughter

Benjamin Kreifelts, Diana Szameitat, Kai Alter, Wolfgang Grodd, Dirk Wildgruber, Eberhard-Karls-University of Tuebingen, Dept. of Psychiatry and Psychotherapy, Tuebingen, Germany

635 WTh-AM

Networks of Emotion Concepts

Mikko Viinikainen, Riitta Toivonen, Mikko Kivelä, Jari Saramäki, Maija Vanhatalo, Mikko Sams, Aalto University - Dept. Biomed. Eng. and Comp. Sci., Espoo, Finland

637 WTh-AM

Cross-modal affective priming by music and speech: an ERP study

Jurriaan Witteman, Katharina Goerlich, Leiden University, Netherlands

639 WTh-AM

Induction of Emotional States and Cue-Reactivity in Pathological Horse Bettors

Britta Neumann, Torsten Wustenberg, Florian Schlagenhaut, Anne Beck, Robert Lorenz, Jana Wrase, Gerit Loeffler, Andreas Heinz, Manfred Beutel, Charité-Universitätsmedizin Berlin, Berlin, Germany

641 WTh-AM

Midbrain dopamine differentially predicts BOLD response to fearful and happy facial expressions

Tiffany Nash, Mbemba Jabbi, Phillip Kohn, Christopher Coutlee, Jonathon Shane Kippenhan, Daniel Eisenberg, Joseph Masdeu, Karen Berman, National Institutes of Health, Bethesda, United States

643 WTh-AM

The influence of emotional intensity on thalamic circuits - evidence from high resolution fMRI -

Martin Walter, Jörg Stadler, Ulf Eckert, Julia Elise Buchmann, Johann Steiner, Bernhard Bogerts, Coraline Metzger, Otto von Guericke University, Sachsen-Anhalt, Germany

645 WTh-AM

Social behavior is associated with amygdala response to fearful faces in Williams syndrome

Brian Haas, Fumiko Hoeft, Yvonne Searcy, Debra Mills, Ursula Bellugi, Allan Reiss, STANFORD UNIVERSITY, PALO ALTO, United States

647 WTh-AM

Measurement of Brain Function When Listening to Chords: fMRI Study

Satoshi Akatsuka, Kwansai Gakuin University, Hyogo, Japan

649 WTh-AM

Looking for intruders in a crowd: Further evidence for the role of the amygdala in salience detection

Andreia Santos, Peter Kirsch, Daniela Mier, Andreas Meyer-Lindenberg, Central Institute of Mental Health, Mannheim, Germany

651 WTh-AM

Anticipation of interoceptive threat – An fMRI study

Katharina Holtz, Christiane Melzig, Julia Wendt, Martin Lotze, Alfons Hamm, University of Greifswald, Greifswald, Germany

653 WTh-AM

Neural basis for neuroticism and emotional sensitivity to subtle changes of facial expression

Yoshiya Moriguchi, Richard Lane, Kevin LaBar, Motoharu Gondo, Akiko Hida, Kazuo Mishima, Takashi Hanakawa, Manabu Honda, Gen Komaki, National Center of Mental Health, National Center of Neurology and Psychiatry, Kodaira, Japan

655 WTh-AM

The Emotion Modulated Neuromagnetic Late Slow Wave. Arousal Effect or Negativity Bias?

Stephan Moratti, Cristina Saugar, Francisco del Pozo, Complutense University of Madrid, Spain, POZUELO DE ALARCÓN (MADRID), Spain

657 WTh-AM

The Implicit and Explicit Effects of Authenticity on the Perception of Emotional Prosody in Speech

Matthis Drolet, Julia Fischer, D. Yves von Cramon, Ricarda I. Schubotz, German Primate Center (DPZ), Goettingen, Germany

659 WTh-AM

Extraversion modulates brain activation during erotic stimulus processing and its anticipation

Victor Costumero, Alfonso Barrós-Loscertales, Juan Carlos Bustamante, Noelia Ventura-Campos, M^a Antònia Parcet-Ibars, César Avila, Universitat Jaume I, Castellon, Spain

661 WTh-AM

A “spatial peek” into brain rhythms underlying an emotional experience: combined iEEG fMRI study

Neomi Singer, Andrey Zhdanov, Ilana Podlipsky, Shahar Jamsky, Hadas Okon-Singer, Keren Rosenberg, Svetlana Kipervasser, Miriam Neufeld, Itzhak Fried, Talma Hendler, Tel Aviv University / Tel Aviv Sorasky Medical Center, Tel Aviv, Israel

663 WTh-AM

Social anxiety and the neural basis of social emotion regulation

Andrea Hermann, Tanja Pejic, Dieter Vaitl, Rudolf Stark, Bender Institute of Neuroimaging, University of Giessen, Giessen, Germany

665 WTh-AM

Amygdala responses from listening to intense parts of a story

Mikkel Wallentin, Andreas Nielsen, Peter Vuust, Anders Dohn, Andreas Roepstorff, Torben Lund, Aarhus University, 8000, Denmark

667 WTh-AM

BOLD activation correlated with inferring emotional states by viewing facial expression

Oscar Rosales, Roberto Mercadillo, Sarael Alcauter, Fernando Barrios, Universidad Nacional Autonoma de Mexico, QUERETARO, Mexico

669 WTh-AM

Reading Sadness Beyond Human Faces

Mariam Chammat, Aurelie Foucher, Jacqueline Nadel, Stephanie Dubal, CNRS USR 3246, CHU Pitié-Salpêtrière, Paris, France, Paris, France

671 WTh-AM

Emotional Responses in Spinal Cord Neurons: an fMRI Study

Stephen Smith, Jennifer Kornelsen, University of Winnipeg, Winnipeg, Canada

673 WTh-AM

The role of personality in emotional reactivity

Kirsten Tillisch, Emeran Mayer, Bahar Ebrat, Jean Stains, Brandall Suyenobu, Bruce Naliboff, Jen Labus, University of California, Los Angeles, Los Angeles, United States

675 WTh-AM

Face Categorization With the Help of V1

Lucy Petro, Fraser Smith, Philippe Schyng, Lars Muckli, University of Glasgow, Glasgow, United Kingdom

677 WTh-AM

Different parts of the orbitofrontal cortex mediate different types of predictions

Maximilien Chaumon, Kestas Kveraga, Lisa Feldman Barrett, Moshe Bar, Massachusetts General Hospital, Charlestown, United States

679 WTh-AM

A neurophysiological study on the effects of duration and awareness on emotional faces processing

Inês Almeida, marieke van asselen, Miguel Castelo-Branco, IBILI - Faculty of Medicine, University of Coimbra, Coimbra, Portugal

681 WTh-AM

Task instructions differentially modulate emotion processing in hippocampus and amygdala

Carmen Morawetz, Evgeniya Kirilina, Hauke Heekeren, Jürgen Baudewig, Freie Universität Berlin, Berlin, Germany

683 WTh-AM

The Event-Related Potential Correlates of Emotional Reappraisal in Healthy Men and Women

Hyeon Min An, In Jae Hwang, Ji Woon Jeong, Hyun Taek Kim, Sang Hee Kim, Korea University, Seoul, Korea, Republic of

685 WTh-AM

Fear unconsciously alerts peripheral vision: a MEG study

Dimitri Bayle, Marie-Anne Hénaff, Pierre Krolak-Salmon, inserm, BRON CEDEX, France

687 WTh-AM

Neural substrates underlying positive framing of negative information: Age matters

Carien van Reekum, Rachel Pye, Elizabeth Martin, Tom Johnstone, University of Reading, Reading, United Kingdom

689 WTh-AM

Sensitivity of N170 Information Dynamics to the Diagnostic Information of Face Categorization Tasks

Luisa Frei, Marie Smith, Philippe Schyng, University of Glasgow, Glasgow, United Kingdom

691 WTh-AM

Intrinsic functional connectivity characterizes differential networks of affective disposition

Christiane Rohr, Isabelle Bareither, Shereen Chaudhry, Arno Villringer, Daniel Margulies, Mind & Brain Institute, Humboldt University, Berlin, Germany

693 WTh-AM

Components of empathy in incarcerated psychopaths: fMRI reveals surprising patterns in the amygdala

Laurie Skelly, Jean Decety, Kent Kiehl, University of Chicago, Chicago, United States

695 WTh-AM

Emotional Processing of Narratives and Individual Appraisal Styles

Irene Messina, Roberto Viviani, Steffen Walter, Erhard Mergenthaler, Marco Sambin, Anna Buchheim, Eun-Jin Sim, Enrico Benelli, Department of Applied Psychology, Padova, Italy

EMOTION AND MOTIVATION

Genetics

697 WTh-AM

ZNF804A risk allele is associated with relatively intact hippocampal volume in schizophrenia

Emma Rose, Thomas Frodl, Derek Morris, Ilaria Spoletini, Andrea Cherubini, Fulvia Adriano, Carlos Caltagirone, Paula Bossu, Michael Gill, Aiden Corvin, Gianfranco Spalletta, Gary Donohoe, Trinity College Dublin, Dublin, Ireland

699 WTh-AM

Variation in fronto-occipital circuitry, cerebellum and social hostility with autism-linked CNTNAP2

Geoffrey Tan, Thomas Doke, John Ashburner, Nicholas Wood, Richard Frackowiak, Institute of Neurology, University College London, London, United Kingdom

701 WTh-AM

Can genetics reveal what is causing decline in DTI-FA with age?

Peter Kochunov, John Blangero, Jack Lancaster, Anderson Winkler, Peter Fox, David Glahn, UTHSCSA, San Antonio, United States

703 WTh-AM

Obesity gene, FTO, is associated with lower brain volumes in 206 healthy elderly subjects

April Ho, Jason Stein, Xue Hua, Suh Lee, Derrek Hibar, Arthur Toga, Andrew Saykin, Li Shen, Tatiana Foroud, Steven Potkin, Clifford Jack, Michael Weiner, Cyrus Raji, Oscar Lopez, James Becker, Paul Thompson, UCLA, Los Angeles, United States

705 WTh-AM

Hypertension is genetically linked to hyper-intense white matter lesions

Peter Kochunov, David Glahn, Jack Lancaster, Anderson Winkler, Peter Fox, John Blangero, UTHSCSA, San Antonio, United States

707 WTh-AM

Association between 5-HTTLPR, 5-HTT Availability, and Amygdala Reactivity to Unpleasant Stimuli

Andrea Kobiella, Dotothea Ulshöfer, Christian Vollmert, Sabine Vollstädt-Klein, Derik Hermann, Marcella Rietschel, Anil Batra, Matthias Reimold, Andreas Heinz, Michael Smolka, Technische Universität Dresden, Dresden, Germany

709 WTh-AM

The COMT val158met polymorphism affects pain-induced anterior cingulate cortex activation

Arian Mobascher, Juergen Brinkmeyer, Holger Thiele, Peter Nuernberg, Michael Steffens, Tracy Warbrick, Francesco Musso, Hans-Joerg Wittsack, Andreas Saleh, Alfons Schnitzler, Georg Winterer, Johannes Gutenberg University, Mainz, Germany

711 WTh-AM

The COMT val158met polymorphism modulates state anxiety and neural habituation

Isabella Mutschler, Birgit Wieckhorst, Markus Klarhöfer, Frank Wilhelm, Franz Müller-Spahn, Andreas Papassotiropoulos, Erich Seifritz, Tonio Ball, University of Basel, Basel, Switzerland

713 WTh-AM

Association of the BDNF val66met polymorphism with 1H-MRS glutamate levels in the human hippocampus

Oliver Gruber, Alkomiet Hasan, Harald Scherk, Thomas Wobrock, Martin Backens, Savira Ekawardhani, Thomas Schneider-Axmann, Andrea Schmitt, Wolfgang Reith, Jobst Meyer, Peter Falkai, Georg August University Goettingen, Goettingen, Germany

715 WTh-AM

The brain activation effects of the DISC1 risk variants differ in bipolar disorder and schizophrenia

Goultchira Chakirova, Pippa Thomson, William Hennes, Heather Whalley, William Moorhead, Killian Welch, Jeremy Hall, Eve Johnstone, Stephen Lawrie, David Porteous, Verity Brown, Andrew McIntosh, University of Edinburgh, Edinburgh, United Kingdom

717 WTh-AM*

Neurovascular coupling in human visual cortex is modulated by cyclooxygenase-1 (COX-1) gene variant (O-T6)

Sebastian Heinzl, Tim Hahn, Michael Plichta, Andreas Reif, Klaus-Peter Lesch, Andreas Fallgatter, University of Wuerzburg, Department of Psychiatry, Psychosomatics and Psychotherapy, Wuerzburg, Germany

719 WTh-AM

Association of the piccolo gene with fMRI; first results from the NESDA genetic neuroimaging study

Saskia Woudstra, Dick Veltman, Zoltán Bochandovits, Marie-José van Tol, Nic van der Wee, Frans Zitman, Esther Opmeer, André Aleman, Brenda Penninx, Witte Hoogendijk, Department of Psychiatry, VU university Medical Centre, Amsterdam, Netherlands

721 WTh-AM

Interaction of adverse childhood events and SLC6A4/5-HTT genotype on amygdala volume

Lotte Gerritsen, Mark Rijpkema, Barbara Franke, Jan Buitelaar, Guillén Fernández, Indira Tendolkar, Radboud University Nijmegen, Donders Institute (RU/DI-BCB), Nijmegen, Netherlands

723 WTh-AM

Impact of variation in Williams syndrome gene LIMK1 on gray matter in human dorsal visual stream

Jonathan Shane Kippenhan, Andreas Meyer-Lindenberg, Venkata Mattay, Bhaskar Kolachana, Philip Kohn, Daniel Weinberger, Karen Berman, National Institutes of Health, Bethesda, United States

725 WTh-AM

Sexually Dimorphic Brain Maturation in Human Adolescence and Androgen Receptor Functioning

Armin Raznahan, Yohan Lee, Reva Stidd, Nitin Gogtay, Robert Long, Deanna Greenstein, Liv Clasen, Anjene Addington, Judith Rapoport, Jay Giedd, NIMH, NIH, Bethesda, United States

727 WTh-AM

Memory-related KIBRA gene variants are associated with default network functional connectivities

Bing Liu, Yong Liu, Ming Song, Chunshui Yu, Ming Fan, Tianzi Jiang, Institute of Automation, Chinese Academy of Sciences, Beijing, China

729 WTh-AM

Sources of Variation in Cerebellar Activation During Cognition: A Twin fMRI Study

Gabriëlla Blokland, Katie McMahon, Sarah Gay, Paul Thompson, Nicholas Martin, Greig de Zubicaray, Margaret Wright, Genetic Epidemiology Laboratory, Queensland Institute of Medical Research, Brisbane, Australia

731 WTh-AM

The relationship between semantic deficit and atrophy in MCI ApoE 4 carriers and non carriers

Roberta Biundo, William McGeown, Marco Mion, Paolo Nichelli, Michael Shanks, Annalena Venneri, Clinical Neuroscience Centre, University of Hull, Hull, United Kingdom

733 WTh-AM

Schizophrenia risk associated variation within SLC6A7 impacts on emotional processing by altering brain structure, function and connectivity in normal controls

Ian Lent, Lucas Kempf, Qiang Chen, Radhakrishna Vakkalanka, Bhaskar Kolachana, Richard Straub, Venkata Mattay, Joseph Callicott, Daniel Weinberger, National Institute of Mental Health, NIH, Bethesda, United States

735 WTh-AM

A Network of Genes, Genetic Disorders, and Brain Areas

Satoru Hayasaka, Christina Hugenschmidt, Paul Laurienti, Wake Forest University, Winston-Salem, United States

737 WTh-AM

Platelet 5-HT Uptake reflects Cingulate Cortex Activation

Christian Scharinger, Christian Kasess, Beate Hartinger, Zeljko Uzelac, Gang Chen, Harald Esterbauer, Michael Freissmuth, Siegfried Kasper, Ewald Moser, Harald Sitte, Lukas Pezawas, Department of Psychiatry and Psychotherapy, Medical University of Vienna, Vienna, Austria

739 WTh-AM

Genome-Wide Significant QTL Identified for Human Gray Matter Thickness at SLITRK6

David Glahn, Melanie Carless, Anderson Winkler, Laura Almasy, Jac Charlesworth, Joanne Curran, Ravi Duggirala, Thomas Dyer, Harald Göring, Matthew Johnson, Eric Moses, Peter Kochunov, Peter Fox, John Blangero, Yale University School of Medicine, Hartford, United States

741 WTh-AM

Reliable Heritability Clustering - Finding Distinct Genetic Factors that Influence Cortical Thickness

Rachel Walton, Anderson Winkler, John Blangero, Peter Fox, David Glahn, Thomas Nichols, University of Warwick, Coventry, United Kingdom

743 WTh-AM

Gene hunting in DTI: Boosting Power to Detect Genes that Influence Fiber Tracts

Neda Jahanshad, Jason Stein, Moriah Thomason, Katie McMahon, Greig de Zubicaray, Nicholas Martin, Margaret Wright, Arthur Toga, Paul Thompson, Laboratory of Neuro Imaging UCLA, Los Angeles, United States

745 WTh-AM

False Positives in Imaging Genetics Using Nonstationary Cluster-Size Inference

Matt Silver, Giovanni Montana, Thomas Nichols, Imperial College Statistics, London, United Kingdom

747 WTh-AM

The Contribution of Genes to Cortical Thickness and Volume in Young Adults

Anand Joshi, Natasha Lepore, Shantanu Joshi, Jason Stein, Agatha Lee, Stephanie Biglarian, April Ryles, Katie McMahon, Greig deZubicaray, Nicholas Martin, Margaret Wright, Arthur Toga, Paul Thompson, UCLA, Los Angeles, United States

749 WTh-AM

Effects of Intronic Dopamine D2 Receptor Genetic Variants on Dopamine Brain Synthesis

Joseph Masdeu, Angela Ianni, Daniel Eisenberg, Philip Kohn, Tiffany Nash, Bhaskar Kolachana, Jasmin Czarapata, Daniel Weinberger, Karen Berman, National Institutes of Health, Bethesda, United States

IMAGING TECHNIQUES AND CONTRAST MECHANISM

Anatomical MRI

751 WTh-AM*

Sensitivity of MRI resonance frequency to the orientation of brain tissue microstructure (O-Th2)

Jongho Lee, Karin Shmueli, Masaki Fukunaga, Peter van Gelderen, Hellmut Merkle, Afonso Silva, Jeff Duyn, NIH, Bethesda, United States

753 WTh-AM

Evaluation of ANIMAL, IBASPM, FIRST and FreeSurfer for subcortical parcellation

Yasser Alemán-Gómez, Santiago Reig, Joost Janssen, Lester Melie-García, Manuel Desco, Unidad de Medicina y Cirugía Experimental. Hospital General Universitario Gregorio Marañón, Madrid, Spain

755 WTh-AM

Gyral White Matter Span Plug-in for BrainVISA

Bill Rogers, Peter Kochunov, UTHSCSA, San Antonio, United States

757 WTh-AM

Guidelines on Optimizing MRI Sequence for FreeSurfer and VBM Analyses in Multi-center Studies

sima chalavi, Gareth Barker, Andy Simmons, Hildebrand Dijkstra, A.A.T.Simone Reinders, University of Groningen, Groningen, NL & Institute of Psychiatry, King's College London, London, United Kingdom

759 WTh-AM

Reliability of sMR Images from Different Scanners : Pilot Study of Multi-center Neuroimaging Bank

Seun Jeon, Hun-Ki Kwon, Lee Jong-Min, Hanyang University, Seoul, Korea, Republic of

761 WTh-AM

“CBRAIN: A National Grid-Computing Platform for Brain Mapping Research”

Pierre Rioux, Marc-Etienne Rousseau, Tarek Sherif, Angela McCloskey, Reza Adalat, Julien Doyon, Stephen Strother, John Stoessl, Ravi Menon, Alan Evans, Montreal Neurological Institute, McGill University, Montreal, Canada

763 WTh-AM

Caudate nucleus reductions correlate with global intellectual functioning in PVL preterm children

Leire Zubiaurre-Elorza, Sara Soria-Pastor, Carme Junque, Dolors Segarra, Nuria Bargallo, Alfons Macaya, Department of Psychiatry and Clinical Psychobiology, Faculty of Medicine, University of Barcelona., Barcelona, Spain

765 WTh-AM

SPM of T1- and T2-weighted spin-echo brain MR detects changes in cerebral pathophysiology

Leighton BARNDEN, Richard Kwiatek, Benjamin Crouch, Richard Burnet, The Queen Elizabeth Hospital, Adelaide, Australia

767 WTh-AM

Phase contrast MRI study of the facial nerve motion during cardiac cycle. Preliminary results

Marc LABROUSSE, Guillaume CALMON, Gabriela HOSSU, Julien OSTER, André CHAYS, Jacques FELBLINGER, Marc BRAUN, Department of Anatomy, Faculty of Medicine and University Hospital CHU, REIMS University, REIMS, France

769 WTh-AM

Optimizing automated processing streams for brain morphometric comparisons across multiple species

Daniel Mietchen, Robert Dahnke, Christian Gaser, Structural Brain Mapping Group, Department of Psychiatry, University of Jena, Jena, Germany

771 WTh-AM

Effects of Heavy Cannabis Use on the Medial Temporal Structures

Manzar Ashtari, Brian Avants, Laura Cyckowski, Kelly Cervellione, James Gee, Serge Sevy, Sanjiv Kumra, Children's Hospital of Philadelphia, Philadelphia, United States

773 WTh-AM

Longitudinal relaxation time T1 as a guide to in-vivo myeloarchitecture

Marcel Weiss, Stefan Geyer, Gabriele Lohmann, Robert Trampel, Robert Turner, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

775 WTh-AM

Neuroimaging of Psychostimulant Treatment in Children with ADHD

Manzar Ashtari, Carolyn McIlree, Brian Avants, Melissa Narain, Laura Cyckowski, Ruth Milanaik, Li Kan, James Gee, Andrew Adesman, Children's Hospital of Philadelphia, Philadelphia, United States

777 WTh-AM

Accompanying scan for pediatric MRI

Shin-ichi Urayama, Naozo Sugimoto, Hidenao Fukuyama, Kyoto University, Kyoto, Japan

779 WTh-AM

Post mortem MRI of the human brain in situ: Initial experiences using multi-parameter mapping

Gunther Helms, Walter Schulz-Schaeffer, Wrede Arne, Niels Focke, Peter Dechent, MR-Research in Neurology and Psychiatry, University Medical Center Göttingen, Göttingen, Germany

781 WTh-AM

Effects of cardiovascular risk factors on corpus callosum

Jorge López-Olóríz, Júlia Miralbell, Juan José Soriano, Elena López-Cancio, Juan Francisco Arenillas, Maite Barrios, Cynthia Cáceres, Pere Toran, Maite Alzamora, Guillem Pera, Antoni Dávalos, Maria Mataró, Dept. of Psychiatry and Clinical Psychobiology, University of Barcelona, Barcelona, Spain

783 WTh-AM

Comparison of gray matter density in fibromyalgia patients and healthy controls: impact of analgesics

Miguel A. Muñoz, Subrata Bose, Ignacio Cifre, Carolina Sitges, Noemi Sánchez-Nácher, Dante R. Chialvo, Federico Turkheimer, Pedro Montoya, Universitat de les Illes Balears, Palma de Mallorca, Spain

785 WTh-AM

Highly-optimized non-local means denoising applied to MRI anatomical data

Julien Rouger, Department of Cognitive Neuroscience, University of Maastricht, Maastricht, Netherlands

787 WTh-AM

Semiautomated methods for quantifying the perisylvian and temporal language network in PPA

Derin Cobia, Emily Rogalski, Mokhtar Gado, Lei Wang, Marsel Mesulam, Northwestern University Feinberg School of Medicine, Chicago, United States

789 WTh-AM

Parametric Maps of Exchange between Fast-tumbling and Slow-tumbling Protons in the Human Brain at 4T

Silvia Mangia, Michael Garwood, Federico De Martino, Shalom Michaeli, University of Minnesota, Minneapolis, United States

791 WTh-AM

Insular Cortex Volume Changes in Obsessive-Compulsive Disorder Patients with Contamination Symptoms

Aram Song, Wi Hoon Jung, Ji Yeon Han, Joon Hwan Jang, Euitae Kim, Geumsook Shim, Hye Yoon Park, Chi-Hoon Choi, Jun Soo Kwon, Interdisciplinary Program in Brain Science, Seoul National University, Seoul, Korea, Republic of

793 WTh-AM

Using proton density and T1 images to quantify brain tissue

Aviv Mezer, Robert Dougherty, Nikola Stikov, Brian Wandell, Stanford University, Stanford, United States

795 WTh-AM

Voxel-based Characterisation of White Matter Changes in Ageing with Multi-Parameter Mapping and DTI

Bogdan Draganski, Gunther Helms, Alfred Anwander, Richard Frackowiak, Arno Villringer, Nikolaus Weiskopf, Max-Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

797 WTh-AM

A post-processing pipeline to reconstruct the developing fetal brain using low-resolution MRI

Marie Schaer, Meritxell Bach Cuadra, Stephan Eliez, Laurent Guibaud, Jean-Philippe Thiran, University Hospital Zürich, Switzerland, Zürich, Switzerland

799 WTh-AM

Similarity based extraction of individual anatomical networks from gray matter MRI scans

Betty Tijms, Dominic Job, David Willshaw, Peggy Series, Stephen Lawrie, University of Edinburgh, Edinburgh, United Kingdom

IMAGING TECHNIQUES AND CONTRAST MECHANISM

Diffusion MRI

801 WTh-AM

Isotropic High Resolution Diffusion-Tensor Imaging in Humans at 7T

Robin Heidemann, Alfred Anwander, Thomas Knösche, Thorsten Feiweier, Fabrizio Fasano, Josef Pfeuffer, Robert Turner, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

803 WTh-AM

Inverse Laplace Transform Deconvolution of Anisotropic Water Diffusion Decay in Human Brain

Renaud NICOLAS, Xavier Franceries, Nicolas CHAUVEAU, Florian GIMBERT, Pierre CELSIS, INSERM UMRS 825, Toulouse, France

805 WTh-AM

An algorithm for human brain segmentation in respect with water poly-exponential diffusion decay

Renaud NICOLAS, Xavier Franceries, Perrine Bertrand, Nicolas Chauveau, Pierre Celsis, INSERM UMRS 825, Toulouse, France

807 WTh-AM

Maximum Likelihood Estimation For Analytical Q-Ball Imaging Via Nearest Neighbor Interpolation

Somaieh Beladi, Pubudu Pathirana, Peter Brotchie, Deakin University, Geelong, Australia

809 WTh-AM

Somatotopic Location of Corticospinal Tract at Pons in Human Brain: a Diffusion Tensor Tractography

Hyeok Gyu Kwon, Sung Ho Jang, Ji Heon Hong, Sang Ho Ahn, Su Min Son, Yoon Woo Cho, Department of Physical Therapy, Graduate School of Rehabilitation Science, Daegu University, Daegu, Korea, Republic of

811 WTh-AM

Optimization of Q-planar Magnetic Resonance Imaging for Accessing Axonal Diameter Distribution

Jun-Cheng Weng, Wen-Yih Tseng, Chung Shan Medical University, Taichung, Taiwan, Republic of China

813 WTh-AM*

Diffusion tractography in ex vivo human brains: Steady-state free precession outperforms spin echo (0-T1)

Karla Miller, Gwenaëlle Douaud, Saad Jbabdi, Timothy Behrens, Jennifer McNab, University of Oxford, Oxford, United Kingdom

815 WTh-AM

Diffusion Tensor Imaging (DTI) at 7T using a 70 mT/m whole body gradient system

Ralf Luetzkendorf, Oliver Speck, John Grinstead, Jörg Stadler, Johannes Bernarding, Otto von Guericke University, Magdeburg, Germany

817 WTh-AM

Regional Associations Between White Matter Lesion Volume and DTI Indices of Tissue Structure

Elizabeth Leritz, Victoria Williams, Regina McGlinchey, William Milberg, David Salat, Brigham & Women's Hospital, Boston, United States

819 WTh-AM

Diffusion microstructure imaging of systems with exchange and sub-cellular compartmentalization

Irina Kezele, Cyril Poupon, Philip Batchelor, Jean-François Mangin, Daniel Alexander, NeuroSpin, CEA, Gif sur Yvette, France

821 WTh-AM

Two-fibre diffusion model analysis explains the increase in diffusion tensor indices in Alzheimer's

Gwenaëlle Douaud, Saad Jbabdi, Timothy Behrens, Ricarda Menke, Achim Gass, Andreas Monsch, Anil Rao, Brandon Whitcher, Gordon Kindlmann, Paul Matthews, Stephen Smith, FMRIB Centre, University of Oxford, Oxford, United Kingdom

823 WTh-AM

Removal of the partial volume effect of free water using a synthetic b0 image in diffusion MRI

Kwan-Jin Jung, Alexander Leemans, John Migliozzi, Marlene Behrmann, Walter Schneider, University of Pittsburgh, Pittsburgh, United States

825 WTh-AM

Fast-PC: A Method to Quantify Connectivity in DTI through Fast-Marching Tractography

Vishal Patel, Paul Thompson, Arthur Toga, University of California, Los Angeles, Los Angeles, United States

827 WTh-AM

Fast, Model-Free, Analytical ODF Reconstruction from the Q-Space Signal

Jian Cheng, Aurobrata Ghosh, Tianzi Jiang, Rachid Deriche, INRIA Sophia Antipolis, Sophia Antipolis, France

829 WTh-AM

Probabilistic Quantification of Microstructural Complexity in Cortical and Subcortical Regions

Hamied Haroon, Richard Binney, Geoff J Parker, The University of Manchester, Manchester, United Kingdom

831 WTh-AM

Hausdorff Distance Threshold for Probabilistic Tractography

ken sakaie, Micheal Phillips, Mark Lowe, the cleveland clinic, Cleveland, United States

833 WTh-AM

Mapping Pattern and Density of Whole-Brain Cortical Connections Using Probabilistic Tractography

Longchuan Li, Todd Preuss, Govind Nair, James Rilling, Matthew Glasser, KiSueng Choi, Damen Frederick, Xiaoping Hu, Biomedical Imaging Technology Center, Emory University, Atlanta, United States

835 WTh-AM

Diffusion Tensor Imaging of Reading Ability in Dysfluent and Non-impaired Readers

Catherine Lebel, Bennett Shaywitz, John Holahan, Sally Shaywitz, Karen Marchione, Christian Beaulieu, University of Alberta, Edmonton, Canada

837 WTh-AM

Fast, model-free, analytical diffusion PDF profile estimation from the DWI signals

Jian Cheng, Aurobrata Ghosh, Tianzi Jiang, Rachid Deriche, INRIA Sophia Antipolis, Sophia Antipolis, France

839 WTh-AM

Correlative study of association fiber tractography and behavioral performance in alcohol dependence

Cheng-Liang Liu, I-Chao Liu, Wen-Yang Chiang, Fang-Cheng Yeh, Li-Wei Kuo, Wen-Yih Tseng, Center for Optoelectronic Biomedicine, Taipei, Taiwan, Republic of China

841 WTh-AM

Fiber Orientation Automatic Determination using MCMC Algorithm and GPGPU Implementation

Nianming Zuo, Guangwei Li, Tianzi Jiang, National Laboratory of Pattern Recognition, Institute of Automation, Chinese Academy of Sciences, Beijing, China

843 WTh-AM

Distortion free in-vivo human whole brain DTI using combined dimensional PSF mapping method on 7T

Se-Hong Oh, Jun-Young Chung, Sung-Yeon Park, Myung-Ho In, Maxim Zaitsev, Oliver Speck, Hyo-Woon Yoon, Dae-Shik Kim, Young-Bo Kim, Zang-Hee Cho, Gachon University of Medicine and Science, Incheon, Korea, Republic of

845 WTh-AM

Diffusion-tensor MR imaging of cortical lesions in multiple sclerosis: a 1-year longitudinal study

Letizia Squarcina, Massimiliano Calabrese, Alice Favaretto, Irene Mattisi, Paolo Gallo, Alessandra Bertoldo, University of Padova, Department of Information Engineering, Padova, Italy

847 WTh-AM

Evaluation of HARDI local diffusion models and tractography algorithms using fiber clustering

Pamela Guevara, Cyril Poupon, Denis Rivière, Yann Cointepas, Maxime Descoteaux, Laurent Larivière, Grégory Tournier, Pierre Fillard, Bertrand Thirion, Jean-François Mangin, Neurospin, CEA, Gif-sur-Yvette, France

849 WTh-AM

Implementation of An Artificial Neural Network Based Algorithm for Diffusion Tensor Tractography

Dilek Göksel Duru, Mehmed Özkan, Institute of Biomedical Engineering, ISTANBUL, Turkey

851 WTh-AM

Fast Dimensionality Reduction for Brain Tractography Clustering

Eleftherios Garyfallidis, Matthew Brett, Ian Nimmo-Smith, University of Cambridge, UK, Cambridge, United Kingdom

853 WTh-AM

A Scalable Approach to Streamline Tractography Clustering

Eelke Visser, Emil Nijhuis, Marcel Zwiers, Donders Institute for Brain, Cognition and Behaviour, Radboud University Nijmegen, Nijmegen, Netherlands

855 WTh-AM

Reproducibility of anatomical connectivity as measured by Diffusion Spectrum Imaging

Danielle Bassett, Jean Carlson, Scott Grafton, University of California, Santa Barbara, Santa Barbara, United States

857 WTh-AM

How Physiological Noise and Artifacts May Impact Clinical Diffusion Tensor Imaging Studies

Lindsay Walker, Lin-Ching Chang, Carlo Pierpaoli, NIH, Bethesda, United States

859 WTh-AM

Spatial Normalization in Diffusion Tensor Imaging: Effect of Image Artifacts

Anton Orlichenko, Robert Dawe, Huiling Peng, Konstantinos Arfanakis, Illinois Institute of Technology, Chicago, United States

861 WTh-AM

Correcting the bias in the ADC value due to local eddy currents: a physically informed model

Siawoosh Mohammadi, Zoltan Nagy, Harald Möller, Nikolaus Weiskopf, Wellcome Trust Centre for Neuroimaging, UCL, London, United Kingdom

863 WTh-AM

Assessing the quality of HARDI data using bootstrap on Q-Ball reconstruction

Julien Cohen-Adad, Maxime Descoteaux, Lawrence Wald, A.A. Martinos Center for Biomedical Imaging, Massachusetts General Hospital, Harvard Medical School, Charlestown, United States

865 WTh-AM

Theoretical Models relating Angular and Spatial Resolution Trade-offs in HARDI

Liang Zhan, Neda Jahanshad, Daniel B. Ennis, Alex Leow, Matt A. Bernstein, Bret J. Borowski, Clifford R. Jack Jr, Arthur Toga, Paul Thompson, Laboratory of Neuro Imaging, UCLA, Los Angeles, United States

867 WTh-AM

Tensor Distribution Function Demixes Fibers in Multi-Shell High Angular Resolution Diffusion Images

Liang Zhan, Alex Leow, Iman Aganj, Christophe Lenglet, Guillermo Sapiro, Essa Yacoub, Noam Harel, Arthur Toga, Paul Thompson, Laboratory of Neuro Imaging, UCLA, Los Angeles, United States

869 WTh-AM

A Probabilistic Sampling Technique for High Angular Resolution Diffusion Imaging

Seok-Oh Jeong, Hae-Jeong Park, Department of Statistics, Hankuk University of Foreign Studies, Yongin, Korea, Republic of

871 WTh-AM

Relating Fiber Crossing in HARDI to Intellectual Function

Iman Aganj, Neda Jahanshad, Christophe Lenglet, Arthur Toga, Katie McMahon, Greig de Zubicaray, Margaret Wright, Nicholas Martin, Guillermo Sapiro, Paul Thompson, University of Minnesota, Minneapolis, United States

873 WTh-AM

Measuring anisotropy of water diffusion at the human brain cortical gray matter with DT-MRI in-vivo

Paulo Dellani, Peter Schlindwein, Peter Stoeter, Marianne Dieterich, Johannes Gutenberg University of Mainz, Mainz, Germany

875 WTh-AM

A Study on the Effect of Training Sample Size in Atlas-Based Probabilistic Diffusion Tractography

Anastasia Yendiki, Allison Stevens, Lilla Zollei, Jean Augustinack, Stuart Wallace, Stefan Ehrlich, RANDY GOLLUB, Bruce Fischl, Harvard/MGH, Charlestown, United States

IMAGING TECHNIQUES AND CONTRAST MECHANISM

EEG

877 WTh-AM

Influence of Deficiencies in Segmenting the Skull on EEG Source Modeling

Benjamin Lanfer, Michael Scherg, Moritz Dannhauer, Thomas Knösche, Carsten Wolters, Institute for Biomagnetism and Biosignalanalysis, Münster, Germany

879 WTh-AM

Removal of ballistocardiac artifacts from EEG recorded during fMRI using fast searching of heartbeat

Sung Suk Oh, Sungdae Yun, Joong Koo Kang, HyunWook Park, Korea Advanced Institute of Science and Technology, Daejeon, Korea, Republic of

881 WTh-AM

1-D spatial autocorrelation function of EEG: a sensitive assay for occult EMG; a tool to reduce it

WALTER J FREEMAN, UNIVERSITY OF CALIFORNIA AT BERKELEY, Berkeley, United States

883 WTh-AM

Pain and Modulations of the early Somatosensory Evoked Potential

Cecile de Vos, Marleen Cloostermans, Benjamin de Jonge, Michel van Putten, Medisch Spectrum Twente, Enschede, Netherlands

885 WTh-AM

Optimum Neurobiological Priors for Steady State Responses in DCM

Rosalyn Moran, Klaas Enno Stephan, Raymond Dolan, Karl Friston, Wellcome Trust Centre for Neuroimaging, London, United Kingdom

887 WTh-AM

Entangled brains: toward an enactive approach of social cognition with hyper-scanning EEG

Guillaume Dumas, Jacques Martinerie, Jacqueline Nadel, Robert Soussignan, Line Garnero, UPMC-Paris6, CRICM, Paris, France

889 WTh-AM

OpenMEEG for M/EEG forward modeling: a comparison study

Alexandre Gramfort, Theodore Papadopoulos, Emmanuel Olivi, Maureen Clerc, INRIA Saclay – Parietal Project Team, Gif-sur-Yvette, France

891 WTh-AM

Spatial and temporal dynamics of language and memory-related brain functions by electric

Kyousuke Kamada, Naoto Kunii, Kensuke Kawai, Nobuhito Saito, Asahikawa Medical College, Asahikawa, Japan

893 WTh-AM

Conscious Cortical Responses to Schematic Emotional Facial Expressions: a High-Resolution EEG Study

Paola Buffo, Fabrizio Vecchio, Giuseppe Cibelli, Claudio Babiloni, Paolo Maria Rossini, University of Rome "Sapienza", Rome, Italy

895 WTh-AM

ERPs recorded by depth electrodes during a simple auditory reaction time paradigm

Robert Roman, Jan Chladek, Milan Brazdil, Ivan Rektor, Pavel Jurák, Faculty of Medicine, Masaryk University, Brno, Czech Republic

897 WTh-AM

What the EEG knows and the fMRI will never notice

Rolando Grave de Peralta Menendez, Sara Gonzalez Andino, HUG (NEUCL), Geneva, Switzerland

899 WTh-AM

Sex differences in visual evoked potentials of school-age children: beyond the checkerboard paradigm

Laura Lefebvre, Laurie-Anne Dion, Gina Muckle, Celyne Bastien, Sandra Jacobson, Joseph Jacobson, Dave Saint-Amour, University of Montreal, Montreal, Canada

901 WTh-AM

Gender-specific contextual differences in human theta oscillations during spatial navigation in VE

Chin-Teng Lin, Teng-Yi Huang, Chi-hsiang Wang, Wen-Jing Lin, Li-Wei Ko, Erik C. Chang, National Chiao Tung University, Hsinchu, Taiwan, Republic of China

903 WTh-AM

Harmony: a new method of EEG/MEG brain-imaging

Yury Petrov, Northeastern University, Boston, United States

905 WTh-AM

Extraction of Cortical Beta Oscillatory Activities in EEG Signals Using Empirical Mode Decomposition

Po-Lei Lee, Department of Electrical Engineering, National Central University, Taiwan, Zhongli City, Taiwan, Republic of China

907 WTh-AM

Beamformer source reconstruction applied to intracranial recordings of visual responses

Sarang Dalal, Juan Vidal, Philippe Kahane, Lorella Minotti, Olivier Bertrand, Karim Jerbi, Jean-Philippe Lachaux, INSERM U821, Lyon, France

909 WTh-AM

An ERP investigation of a threat attenuated Attentional Blink in Sub-Clinical Anxiety

Fern Jaspers-Fayer, Shawna Galley, Jessica Green, Isabel Taake, Mario Liotti, Simon Fraser University, Burnaby, Canada

IMAGING TECHNIQUES AND CONTRAST MECHANISM

Functional MRI

911 WTh-AM

What is an optimum fMRI acquisition scheme with auditory stimulation?

Karsten Mueller, Toralf Mildner, Tom Fritz, Joeran Lepsien, Christian Schwarzbauer, Matthias Schroeter, Harald Möller, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

913 WTh-AM

The detailed analysis of fMRI in the frontal language area

Naoto Kunii, Kyousuke Kamada, Takahiro Ota, Kensuke Kawai, Nobuhito Saito, University of Tokyo, Tokyo, Japan

586 MT-PM

Genetically Determined Measures Of Striatal D2 Signaling Predict Prefrontal Activity During Working

Paolo Taurisano, Leonardo Fazio, Nicola Pisciotta, Giuseppe Blasi, Raffaella Romano, Fabio Sambataro, Barbara Gelao, Madia Lozupone, Annabella Di Giorgio, Luciana Lo Bianco, Gianluca Ursini, Lorenzo Sinibaldi, Teresa Popolizio, Wolfgang Sadee, Giuseppe Rubini, Alessandro Bertolino, Department of Neurology and Psychiatry, University of Bari, Bari, Italy

917 WTh-AM

First application of whole-brain CBV weighted VASO fMRI to a 'real' cognitive stimulation paradigm

Benedikt Poser, David G Norris, Erwin L Hahn Institute for Magnetic Resonance Imaging, Essen, Germany

919 WTh-AM

Breakdown of Sensorimotor Connectivity during and after Sleep

Changwei Wu, Po-Yu Liu, Yu-Chin Wu, Sharon Chen, Ching-Po Lin, National Yang-Ming University, Yonghe, Taiwan, Republic of China

921 WTh-AM

Optimized EPI Acquisition Strategies for Spatial Smoothing of fMRI Data

Lars Kasper, S. Johanna Vannesjö, Maximilian Häberlin, Klaas Stephan, Klaas Prüssmann, University of Zurich, Zurich, Switzerland

923 WTh-AM

Mapping Power in Functional Magnetic Resonance Images

Karen Joyce, Satoru Hayasaka, Wake Forest University, Winston-Salem, United States

925 WTh-AM*

Differences between DfMRI and BOLD fMRI responses in parietal cortex using a working memory task (O-T6)

Toshihiko Aso, Shin-ichi Urayama, Hidenao Fukuyama, Denis Le Bihan, Human Brain Research Center, Kyoto University Graduate School of Medicine, Kyoto, Japan

927 WTh-AM

Possible origin of negative BOLD response: A kind of artifact

Guoxiang Liu, Seiji Ogawa, Yoshichika Yoshioka, Tsutomu Murata, Biological ICT Group NICT, Kobe, Japan

929 WTh-AM

False discovery rate and permutation test in ERP data analysis

Agustin Lage, Juan Hernandez-Cabrera, Lidice Galan, Eduardo Martínez-Montes, Cuban Neuroscience Center, Havana, Cuba

931 WTh-AM

Hyperecho GRASE as an Alternative to EPI in 3 Tesla fMRI Acquisition

David Thomasson, Paul DiCamillo, Inqutatash Haile, Nadia Biassou, National Institutes of Health, Bethesda, United States

933 WTh-AM*

Emotion recognition and neural connectivity modulation by insula self-regulation in schizophrenia (O-M3)

Sergio Ruiz, Ranganatha Sitaram, Sangkyun Lee, Niels Birbaumer, Institute of Medical Psychology and Behavioral Neurobiology, Tübingen, Tübingen, Germany

935 WTh-AM

Clustered Rapid-Presentation ER-fMRI Experimental Designs

Xiaopeng Zong, Jie Huang, Michigan State University, East Lansing, United States

937 WTh-AM

A group level fMRI comparative study between 12 and 32 channel coils at 3 Tesla

Solveig BADILLO, Séverine DESMIDT, Philippe CIUCIU, NeuroSpin - CEA, Gif sur Yvette, France

939 WTh-AM

Simultaneous Image Refocused (SIR) EPI at 7 Tesla

David Feinberg, Sudhir Ramanna, Vibhas Deshpande, Kamil Ugurbil, Essa Yacoub, UC Berkeley, Advanced MRI Technologies, Berkeley, United States

941 WTh-AM

Neurofeedback using functional spectroscopy

Oliver Hinds, M. Dylan Tisdall, Hans Breiter, André van der Kouwe, MIT, Cambridge, United States

943 WTh-AM

Which brain regions profit from using a 32-channel or a 12-channel head coil in fMRI studies?

Evangelia Kaza, Uwe Klose, Martin Lotze, University of Greifswald, Greifswald, Germany

1413 MT-AM

Evaluation of SNR in parallel imaging for fMRI

Saurabh Bhavsar, Mikhail Zvyagintsev, Yury Koush, Klaus Mathiak, RWTH Aachen University, Aachen, Germany

947 WTh-AM

Acupuncture modulates deactivation of default mode network during motor task fMRI in stroke patient

MEI-YU YE, Yuan-hsiung Tsai, Ho-Ling Liu, Chi-Chuan Tseng, Hsu-Huei Weng, Chang Gung Medical Foundation Chiayi branch, PUTZU CITY, Taiwan, Republic of China

949 WTh-AM

Detecting Waveform of Neuronal Activity Evoked by Electrical Stimulation of the Right Median Nerve

Leo Ai, Jinhu Xiong, University of Iowa, Iowa City, United States

951 WTh-AM

New Calculation Method of Pixel Shift Map on PSF Mapping Technique: A Study on 7T MRI

Se-Hong Oh, Jun-Young Chung, Myung-Ho In, Maxim Zaitsev, Oliver Speck, Hyo-Woon Yoon, Young-Bo Kim, Zang-Hee Cho, Gachon University of Medicine and Science, Incheon, Korea, Republic of

953 WTh-AM

Layer specific differences in chromatic vs. achromatic response in human V1 measured with fMRI

Peter Koopmans, Eelke Visser, David Norris, Markus Barth, Radboud University Nijmegen, Donders Institute (RU/DI-BCB), Nijmegen, Netherlands

955 WTh-AM

Brain Magnetic Resonance Instrumentation for Imaging Brain Functional Connectivity

Kiwoong Kim, Seong-Joo Lee, Seong-min Hwang, Chan Seok Kang, Jin-Mok Kim, Kwon-Kyu Yu, Hyukchan Kwon, Yong-Ho Lee, Korea Research Institute of Standards and Science, Daejeon, Korea, Republic of

957 WTh-AM

Do 7 Tesla systems show a benefit for clinical fMRI diagnostics?

Roland Beisteiner, Simon Robinson, Susanne Gruber, Ilse Höllinger, Nicolaus Klinger, Siegfried Trattnig, Alexander Geissler, Study Group Clinical fMRI, Department of Neurology, Medical University of Vienna, Austria, Vienna, Austria

959 WTh-AM

Imaging Parameters Supplying Unphysiological fMRI Transients

Ville Renvall, Riitta Hari, Brain Research Unit, Low Temperature Laboratory, Aalto University School of Science and Technology, Espoo, Finland

961 WTh-AM

A multimodal face-voice localiser scan

Rebecca Watson, Ian Charest, Marianne Latinus, Frances Crabbe, Pascal Belin, Centre for Cognitive Neuroimaging, Department of Psychology, University of Glasgow, Glasgow, United Kingdom

963 WTh-AM

EEG fMRI in the Pre-surgical evaluation of patients with Focal Cortical Dysplasia and Epilepsy

Rachel Thornton, Serge Vulliemoz, Helmut Laufs, Roman Rodionov, Umair Chaudhary, David Carmichael, Beate Diehl, Andrew McEvoy, Robert Elwes, Samden Lhatoo, Fabrice Bartolomei, Matthew Walker, Maxime Guye, John Duncan, Louis Lemieux, UCL Institute of Neurology, London, United Kingdom

965 WTh-AM

BOLD signal transients: a comparison of spin echo and gradient echo EPI signal time course

Antonio Ferretti, Massimo Caulo, Armando Tartaro, GianLuca Romani, Cosimo Del Gratta, ITAB - G. D'Annunzio University of Chieti, Chieti, Italy

967 WTh-AM

Detecting neural activity using msMRI and ICA without prior timing information

xin gao, Leo Ai, Jinhu Xiong, University of Iowa, Iowa City, United States

969 WTh-AM

Neural mechanisms of belief representation

Caitlin Hudac, Sarah Shultz, Brent Vander Wyk, Kevin Pelphrey, Yale Child Study Center, New Haven, United States

971 WTh-AM

Increased Effectiveness of Global Signal Removal by Regressing Principal Components of White Matter

Qicheng Wang, Vitali Zagorodnov, Nanyang Technological University, Singapore, Singapore

973 WTh-AM

Can a decrease in slice thickness increase the detection of subtle task effects? A pilot fMRI study

sima chalavi, Gareth Barker, A.A.T.Simone Reinders, University of Groningen, Groningen, NL & Institute of Psychiatry, King's College London, London, United Kingdom

975 WTh-AM

Temporal and Spatial Response Patterns to Intensity and Duration of Imaging Acoustic Noise at 3.0T

Minseok Kwon, Ruwan Ranaweera, Shuowen Hu, Thomas Talavage, Purdue University, West Lafayette, United States

977 WTh-AM

Direct MR imaging of electric current timecourses with millisecond resolution in phantoms and humans

Arto C Nirkko, Johannes Slotboom, Claus Kiefer, University of Bern, Neurology, Bern, Switzerland

979 WTh-AM

“Turn it up to 11”: Increased brain noise is associated with successful learning

Michele Korostil, Natasa Kovacevic, Anthony McIntosh, University of Toronto, Toronto, Canada

981 WTh-AM

A Dual-Head Coil for Studying Two Interacting Human Brains with fMRI

Ray Lee, Princeton University, Princeton, United States

983 WTh-AM

Reliable Activation Detection using Bootstrap Resampling of fMRI Data in GLM Analysis

Fahimeh Darki, Mohammad Ali Oghabian, Research Center for Science and Technology in Medicine, Tehran, Iran, Islamic Republic of

985 WTh-AM

Using Echo-Shifted Multi-Slice-EPI at 7T in fMRI of median nerve stimulation

Gerda Geirsdottir, Natalia Petridou, Richard Bowtell, University of Nottingham, Nottingham, United Kingdom

987 WTh-AM

Functional Connectivity of ITG in a patient with TLE using Resting-State fMRI and Tractography

Gonzalo Rojas, Marcelo Galvez, Jorge Cordovez, Manuel Campos, Isabel Lopez, Advanced Medical Image Processing Laboratory, Department of Radiology, Las Condes Clinic, Santiago, Chile

989 WTh-AM

fMRI of brief preparatory periods in a stop signal task

andre chevrier, Russell Schachar, hospital for sick children, toronto, Canada

991 WTh-AM

ALE Metaanalysis of Action Observation and Imitation: Influence of Effector, Object, and Instruction

Svenja Caspers, Karl Zilles, Angela Laird, Simon Eickhoff, Research Center Jülich, Jülich, Germany

993 WTh-AM

Mutual Information Estimation for fMRI Time Series Analysis

Mariléa Vilela, Vanessa Gómez-Verdejo, Antonio Oliviero, Manel Martínez-Ramón, Hospital Nacional de Paraplégicos de Toledo, Toledo, Spain

IMAGING TECHNIQUES AND CONTRAST MECHANISM

MEG

995 WTh-AM

Task-induced neuronal network connectivity is reactivated during sleep: an MEG study

Giovanni Piantoni, Ysbrand van der Werf, Ole Jensen, Cornelis Stam, Eus Van Someren, Netherlands Institute for Neuroscience, Amsterdam, Netherlands

997 WTh-AM

Activation of auditory cortex by anticipating and hearing emotional sounds: an MEG study

Koichi Yokosawa, Siina Pamilo, Lotta Hirvenkari, Pavan Ramkumar, Elina Pihko, Riitta Hari, Faculty of Health Sciences, Hokkaido University, Sapporo, Japan

999 WTh-AM

Estimating Granger-Causality-Based Measures in MEG Source Space Analysis

Kensuke Sekihara, Julia Owen, Hagai Attias, Srikantan Nagarajan, Tokyo Metropolitan University, Tokyo, Japan

1001 WTh-AM

A comparison of algorithms for the solution of the magnetoencephalography (MEG) inverse problem

Annalisa Pascarella, Cristina Campi, Alberto Sorrentino, Michele Piana, Universita' di Genova, Genova, Italy

1003 WTh-AM

Techniques for localization of hippocampal sources using MEG

Maher Quraan, Travis Mills, Laura Hopf, Marc Lalancette, Sandra Moses, The Hospital for Sick Children, Toronto, Canada

1005 WTh-AM

Oscillatory power and connectivity changes in a word decision task measured with MEG

Johanna Zumer, Matthew Brookes, Claire Stevenson, Peter Morris, Svetlana Shinkareva, University of Nottingham, Nottingham, United Kingdom

1007 WTh-AM

Detecting Pulvinar Activity using MEG During a Resting State Paradigm

yohan attal, Jerome Yelnik, Marie Chupin, Eric Bardinnet, Sylvain Baillet, cnrs, paris, France

1009 WTh-AM

Earliest Cortical Activity Evoked by Visual Stimuli of Increasing Size: A Neuromagnetic Study

Sanja Josef Golubic, Ana Susac, Ralph Huonker, Jens Haueisen, Selma Supek, Department of Physics, Faculty of Science, University of Zagreb, Zagreb, Croatia

1011 WTh-AM

Gamma oscillation patterns for different facial expressions in early visual processing: an MEG study

Li-Fen Chen, Tai-Ying Liu, Yong-Sheng Chen, Jen-Chuen Hsieh, Institute of Brain Science, National Yang-Ming University, Taipei, Taiwan, Republic of China

1013 WTh-AM

Cognitive deficits and resting-state magnetoencephalography (MEG)

Leighton Hinkley, Elysa Marco, Melissa Fisher, Rita Jeremy, Anne Findlay, Pratik Mukherjee, Sophia Vinogradov, Elliott Sherr, Srikantan Nagarajan, University of California, San Francisco, San Francisco, United States

1015 WTh-AM

Insights from simultaneous recording of MEG and intracranial EEG

Sarang Dalal, Karim Jerbi, Olivier Bertrand, Claude Adam, Antoine Ducorps, Denis Schwartz, Line Garnero, Sylvain Baillet, Jacques Martinerie, Jean-Philippe Lachaux, INSERM U821, Lyon, France

1017 WTh-AM

Cortical Activation Underlying Saccades to Visual and Proprioceptive Targets: an MEG Study

Sheng Wang, Erin Cressman, Paul Ferrari, Lei Ren, Douglas Cheyne, Doug Crawford, York University, Toronto, Toronto, Canada

LANGUAGE

Comprehension

1019 WTh-AM

Heaven meets hell: Investigation of emotional associations in a semantic priming paradigm using fMRI

Katharina Sass, Olga Sachs, Ute Habel, Walther Huber, Klaus Mathiak, Siegfried Gauggel, Tilo Kircher, RWTH Aachen University, Aachen, Germany

1021 WTh-AM

The neural basis of semantic retrieval and selection: TMS evidence for a frontotemporal network

Carin Whitney, Matthew Lambon Ralph, Gorana Pobric, Elizabeth Jefferies, Department of Psychology and York Neuroimaging Centre, University of York, York, United Kingdom

1023 WTh-AM

Brain activity at rest reflects long-term adaptive strategies. Evidence from cochlear implantation

Kuzma Strelnikov, Julien Rouger, Sebastien Lagleyre, Bernard Fraysse, Jean-François Démonet, Olivier Déguine, Pascal Barone, CerCo, Toulouse, France

1025 WTh-AM

Bilateral auditory and left-dominant premotor activity in prosodic focus processing

Marcela Perrone, Marion Dohen, H el ene Loevenbruck, Marc Sato, C edric Pichat, Gaetan Yvert, Monica Baci u, Laboratoire de Psychologie & Neurocognition (CNRS UMR 5105), Grenoble, France

1027 WTh-AM

Neural correlates of vowel perception and production

Krystyna Grabski, Laurent Lamalle, Jean-Luc Schwartz, Coriandre Vilain, Nathalie Vall e, Ir ene Tropres, Monica Baci u, Jean-Fran ois Le Bas, Marc Sato, Gipsa-Lab, Grenoble, France

1029 WTh-AM

Varying the Focus of Attention at Encoding Affects Recognition Memory Networks for Spoken Words

Kyle Almryde, Elena Plante, Thomas Christensen, University of Arizona, Tucson, United States

1031 WTh-AM

Is the semantic-category effect in the lateral temporal cortex due to motion property differences

Nan Lin, Xueming Lu, Zaizhu Han, Yanchao Bi, State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, Beijing, China

1033 WTh-AM

Auditory Word and Nonword Rhyming in Children: Phonological and Orthographic Similarity Effects

Amy Desroches, Jennifer Minas, Christopher McNorgan, James Booth, Northwestern University, Evanston, United States

1035 WTh-AM

Speech Sounds Initiate Effective Connectivity between Auditory and Premotor Areas

Berge Osnes, Kenneth Hugdahl, Karsten Specht, Department of Biological and Medical Psychology, University of Bergen, Norway, Bergen, Norway

1037 WTh-AM

Electrophysiological Markers of Younger and Older Adults and in Early Recovery of Aphasia in Stroke

Katrin Wrede, Sonja Kotz, Arno Villringer, Hellmuth Obrig, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

1039 WTh-AM

Semantic comprehension is not affected by the emotional content of background music

Alejandra Sel, Manuel Mart n-Loeches, Pilar Casado, Sabela Fondevila, Laura Jimenez-Ortega, Anabel Fern andez, Center for Human Evolution and Behaviour UCM-ISCIII, Madrid, Spain

1041 WTh-AM

Neural Correlates of Informational Masking in Speech-in-noise Situation

Marjorie Dole, Michel Hoen, Véronique Boulenger, Jean-Luc Anton, Muriel Roth, Bruno Nazarian, Lionel Collet, Fanny Meunier, Laboratoire Dynamique du Langage, Lyon, France

1043 WTh-AM

Listening without hearing: The neural basis of preconscious auditory processing

Nadia Biassou, Murray Grossman, Mark Liberman, National Institutes of Health, Bethesda, United States

1045 WTh-AM

Semantic task related functional connectivity during propofol sedation

Ram Adapa, Emmanuel Stamatakis, matthew davis, Anthony Absalom, David Menon, University of Cambridge, Cambridge, United Kingdom

1047 WTh-AM

Semantic processes at different levels of syntactic hierarchy: fMRI evidence

Xiaoming Jiang, Zheng Ye, Xiaolin Zhou, Psychology Department, Peking University, Beijing, China

1049 WTh-AM

Prosody meets syntax: The role of the corpus callosum

Daniela Sammler, Sonja Kotz, Korinna Eckstein, Angela Friederici, MPI for Human Cognitive and Brain Sciences, Leipzig, Germany

1051 WTh-AM

EEG Activities Differentiate Semantic and Prosodic Process during Sentence Reading

Yingyi Luo, Yuan Zhang, Xiaoyi Feng, Xiaolin Zhou, Department of Psychology, Peking University, Beijing, China

1053 WTh-AM

Neuromagnetic responses evoked by semantic incongruity during sentence recognition

kouichi sutani, Sunao Iwaki, National Institute of Advanced Industrial Science and Technology (AIST), Japan, Ikeda, Japan

1055 WTh-AM

Reversed speech or signal correlated noise: which is a better baseline in fMRI of speech processing?

Nadav Stoppelman, Tamar Harpaz, Michal Ben-Shachar, Bar Ilan, Ramat Gan, Israel

1057 WTh-AM

Encoding of language membership information in the bilingual brain

Ian FitzPatrick, Peter Indefrey, Universitat Pompeu Fabra, Barcelona, Spain

1059 WTh-AM

Brain activation for text-level integration and working memory: familiar texts and speedreading

Augusto Buchweitz, Gayane Meschyan, Marcel Just, Carnegie Mellon University, Pittsburgh, United States

1061 WTh-AM

Group ICA and language processing in left- and right-hemispheric epilepsy patients

Prasanna Karunanayaka, Kwang Kim, Michael Privitera, Scott Holland, Jerzy Szaflarski, Cincinnati Children's Hospital Medical Center, Cincinnati, United States

1063 WTh-AM

Identifying Object Categories from Event-Related EEG: Toward Decoding of Conceptual Representations

Irina Simanova, Marcel van Gerven, Robert Oostenveld, Peter Hagoort, Max Planck Institute for Psycholinguistics, Nijmegen, Netherlands

1065 WTh-AM

Independent component analysis for comparison of creative versus noncreative task of the same level

Natalia V Shemyakina, Zhanna Nagornova, Institute of the Human Brain RAS, Saint-Petersburg, Russian Federation

1067 WTh-AM

Trial-by-trial coupling of concurrent EEG and fMRI identifies BOLD correlates of the N400

Zude ZHU, Suiping Wang, Marcel Bastiaansen, Karl-Magnus Petersson, Peter Hagoort, South China Normal University, Guangzhou, China

1069 WTh-AM

Relating fractional anisotropy to fMRI language lateralization

Jane Allendorfer, Scott Holland, Christi Banks, Jerzy Szaflarski, University of Cincinnati, Cincinnati, United States

1071 WTh-AM

Brain activation during phonotactic processing: an fMRI study

Sonja Rossi, Karsten Müller, Arno Villringer, Hellmuth Obrig, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

1073 WTh-AM

Frequency-based segregation of syntactic and semantic unification?

Marcel Bastiaansen, Peter Hagoort, Max Planck Institute for psycholinguistics, Nijmegen, Netherlands

1075 WTh-AM

Are age-Related Changes in the neural language system non-linear?

Jingting Zhang, Billi Randall, Barry Devereux, Meredith Shafto, Jie Zhuang, Lorraine Tyler, Department of Experimental Psychology, University of Cambridge, Cambridge, United Kingdom

1077 WTh-AM

The magnitude and timing of fMRI responses to distorted speech varying in sentence content

Matthew Davis, Ford Michael, Ferath Kherif, Ingrid Johnsrude, MRC Cognition and Brain Sciences Unit, Cambridge, UK, Cambridge, United Kingdom

1079 WTh-AM

Brain activation in discourse processing: Is there a common place supporting narrative comprehension?

PILAR CASADO, Manuel Martín-Loeches, LUIS CASTELLANOS, Center for Human Evolution and Behaviour UCM-ISCI3, MADRID, Spain

1081 WTh-AM

When your brain stops listening: Predicted words cause the response in auditory cortex to decay

Jeremy Skipper, Hia Datta, Jason Zevin, Sackler Institute for Developmental Psychobiology, New York, United States

1083 WTh-AM

Does Perceptual Clarity of Speech Modulate Activity in Auditory Cortex?

Conor Wild, Matt Davis, Ingrid Johnsrude, Queen's University, Kingston, Canada

1085 WTh-AM*

Do we click? Speaker-listener neuronal coupling underlies successful communication (O-T3)

Gregory Stephens, Lauren Silbert, Uri Hasson, Princeton University, Princeton, United States

1087 WTh-AM

Neural correlates of idiomatic and non-idiomatic action metaphors

Rutvik Desai, Lisa Conant, Jeffrey Binder, Haeil Park, Mark Seidenberg, Medical College of Wisconsin, Milwaukee, United States

1089 WTh-AM

A word repeated with a changed intonation is not processed as the same word by the adult brain

michael Inspector, David Manor, Tammi Kushnir, Noam Amir, Avi Karni, Haifa University, Haifa, Israel

LANGUAGE

Language Acquisition

1091 WTh-AM

Using Independent Component Analysis to Detect Cortical Changes During Implicit Language Learning

Lesley Fidler, Natalie Dailey, Kyle Almryde, Elena Plante, University of Arizona, Tucson, United States

1093 WTh-AM

Online Statistical Learning in the Cortico-Basal ganglia Network

Dilshat Abla, Takeshi Asamizuya, Kenichi Ueno, Chisato Suzuki, Pei Sun, Kang Cheng, Kazuo Okanoya, RIKEN Brain Science Institute, Wako-shi, Japan

1095 WTh-AM

Functional neuroanatomy of rule learning in language: role of prosodic cues in rule extraction

Diana Lopez-Barroso, Antoni Rodríguez-Fornells, Estela Càmara, Ruth De Diego-Balaguer, University of Barcelona, Barcelona, Spain

1097 WTh-AM

The Effect of Consolidation on the Learning of Novel Spoken Words: an MEG Study

Pierre Gagnepain, Richard Henson, Matthew Davis, MRC-CBU, Cambridge, United Kingdom

1099 WTh-AM

Neuroanatomical measures and successful learning of phonological grammars

Marc Ettliger, Sherri Novis, Lei Wang, Patrick Wong, Northwestern University, Evanston, United States

1101 WTh-AM

Gesture and speech: Investigations on semantic complexity and 'gestureability' of words

Klaus-Martin Krönke, Angela Friederici, Hellmuth Obrig, Max-Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

1103 WTh-AM

The Impact of Social Interaction on the Post-Puberty Second Language Acquisition of Syntax

Noriaki Yusa, Jungho Kim, Masatoshi Koizumi, Motoaki Sugiura, Sanae Yamaguchi, Satoru Yokoyama, Kei Takahashi, Yoko Mano, Youngho Cho, Ryuta Kawashima, Miyagi Gakuin Women's University, Sendai Miyagi, Japan

1105 WTh-AM

Neural Basis of Phoneme Perception in Early Adolescence and Adulthood

Yoon Han, Stephen Wilson, Kristin McNealy, Vanessa Shih, Marco Iacoboni, Mirella Dapretto, David Geffen School of Medicine at UCLA, Los Angeles, United States

MEMORY AND LEARNING

Learning (Explicit and Implicit)

1107 WTh-AM

Neural Correlates of Conceptual Priming for Objects in Young and Older Adults

Soledad Ballesteros, Gérard Bischof, Joshua Goh, Denise Park, Aging and Neurodegenerative Diseases Group. UNED, Madrid, Spain

1109 WTh-AM

Sleep spindles and neural activity changes in the Putamen underlie motor sequence consolidation

Marc Barakat, Julie Carrier, Karen Debas, Ovidiu Lungu, Gilles Vandewalle, Pierre Bellec, Habib Benali, Julien Doyon, Functional Neuroimaging Unit, montreal, Canada

1111 WTh-AM

Simultaneous bicycling improves vocabulary learning: Behavioral and ERP evidence

Maren Schmidt-Kassow, Anna Kulka, Kathrin Rothermich, Thom Gunter, Sonja Kotz, Institute of Medical Psychology, Frankfurt, Germany

1113 WTh-AM

D2 receptor density in the ventral striatum is related to implicit but not to explicit movement sequ

Anke Karabanov, Simon Cervenka, Orjan De Manzano, Lars Farde, Hans Forsberg, Fredrik Ullen, NIH, Bethesda, United States

1115 WTh-AM

Neural correlates of implicit contextual learning: A functional MRI study

marieke van asselen, Miguel Castelo-Branco, Sebastiaan Neggers, IBILI - Faculty of medicine, University of Coimbra, Coimbra, Portugal

1117 WTh-AM

Neuroanatomical Sleep-Dependent Processing in the Probabilistic Serial Reaction Time Task

Urbain C., Schmitz R, Schmidt C, Cleeremans A., Van Bogaert P., Maquet P., Peigneux P., Neuropsychology and Functional Neuroimaging Research Unit, Université Libre de Bruxelles, Brussels, Belgium

1119 WTh-AM

Dynamic Signature of Free Recall in the Medial Prefrontal Cortex in Healthy and SLE Participants

Irit Shapira-Lichter, Talma Hendler, Irena Litinsky, Eli Vakil, Dan Caspi, Daphna Paran, Wohl Institute for Advanced Imaging, Tel-Aviv Sourasky Medical Center, Tel Aviv, Israel

1121 WTh-AM

Frontoparietal Activation during Learning of a Visuomotor Tracking Task: a Longitudinal fNIRS Study

David James, Daniel Leff, Felipe Orihuela-Espina, Ka-Wai Kwok, George Mylonas, Ara Darzi, Guang-Zhong Yang, Imperial College, London, United Kingdom

1123 WTh-AM

Altered parahippocampal functioning in cannabis users is related to the frequency of use

Benjamin Becker, Daniel Wagner, Euphrosyne Gouzoulis-Mayfrank, Elmar Spuentrup, Jörg Daumann, University of Cologne, Cologne, Germany

1125 WTh-AM

Multiscale entropy changes due to learning in a transverse patterning task

Natasa Kovacevic, Sandra Moses, Tim Bardouille, Anthony McIntosh, Rotman Research Institute, Baycrest centre, Toronto, Canada

1127 WTh-AM

An MEG study of material-specific lateralization of perception and memory

Jody Kamminga, Blake Johnson, Greg Savage, Macquarie University, Sydney, Australia

1129 WTh-AM

Neural substrates of memory: A study on FDG-PET-neuropsychology correlation in normal subjects

Hiroshi Yoshizawa, Yoko Miyata, Chisato Kondo, Mitsuru Momose, Kiyoko Kusakabe, Makoto Iwata, Shinichiro Uchiyama, Department of Neurology, Tokyo Women's Medical University, Tokyo, Japan

1131 WTh-AM

Learning Related fMRI Signal Changes in a Simple Visuomotor Task

Carsten Schmidt-Samoa, Rafael Polania, Walter Paulus, Andrea Antal, Peter Dechent, MR-Research in Neurology and Psychiatry, University Medical Center, Goettingen, Germany, Goettingen, Germany

1133 WTh-AM

Behavioural and imaging evidence for transfer of motor abilities with long-term skill learning

Valentina Tomassini, Saad Jbabdi, Heidi Johansen-Berg, Paul Matthews, FMRI Centre, The University of Oxford, Oxford, United Kingdom

1135 WTh-AM

Material-specific memory: a high resolution fMRI study of medial temporal lobe function

Sarah Banks, Viviane Sziklas, Jenny Bellerose, Marilyn Jones-Gotman, Montreal Neurological Institute, Montreal, Canada

1137 WTh-AM

Neural correlates of explicit and implicit memory encoding under sedation

Ram Adapa, matthew davis, Emmanuel Stamatakis, Anthony Absalom, David Menon, University of Cambridge, Cambridge, United Kingdom

1139 WTh-AM

Verbal Subsequent Memory effect: a Developmental fMRI Study

Anat Maril, Niv Reggev, Liat Ben Sira, Neta Livneh, The Hebrew University of Jerusalem, Jerusalem, Israel

1141 WTh-AM

Daytime Sleep Protects Motor Sequence Memory from Interference: An fMRI Study

Genevieve ALBOUY, Luca Matarazzo, Christina Schmidt, Ariane Foret, Laura Mascetti, martin Desseilles, Thanh Dang-Vu, Virginie Sterpenich, Evelyne Balteau, Christophe Phillips, Christian Degueldre, André Luxen, Benali Habib, Avi Karni, Julien Doyon, Maria Korman, Maquet Pierre, CRIUGM - University of Montreal, Montreal, Canada

1143 WTh-AM

Manipulation of Probabilistic Learning Strategies by Left and Right-Dorsolateral Prefrontal TMS

Derek Ott, Tilmann Klein, Gerhard Jocham, Jane Neumann, D Yves von Cramon, Markus Ullsperger, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

MEMORY AND LEARNING

Long-term Memory (Episodic, Semantic, Autobiographical)

1145 WTh-AM

Delineating self-referential processing from episodic memory: common and dissociable networks

Felix Bermpohl, Thorsten Kahnt, Daniel Margulies, Soyoung Park, André Wittmann, Meline Stoy, Andreas Ströhle, Georg Northoff, Andreas Heinz, Bastian Sajonz, Charité - Universitätsmedizin Berlin, Berlin, Germany

1147 WTh-AM

The hippocampus is coupled with the default network during memory retrieval but not during encoding

Willem Huijbers, Cyriel Pennartz, Roberto Cabeza, Sander Daselaar, University of Amsterdam, Amsterdam, Netherlands

1149 WTh-AM

Remembering the future: Hippocampal contributions to encoding future simulations

Victoria Martin, Daniel Schacter, Michael Corballis, Donna Rose Addis, University of Auckland, Auckland, New Zealand

1151 WTh-AM

How prior knowledge facilitates the integration of new information

Marlieke van Kesteren, Mark Rijpkema, Dirk Ruiters, Guillén Fernández, Radboud University Nijmegen, Donders Institute for Brain, Cognition and Behaviour, Nijmegen, Netherlands

1153 WTh-AM

Neural correlates of context-dependent memory: The anterior insula and item-context binding

Gerasimos Markopoulos, Christin Campe, Maria Wimber, Daniela Fenker, Alan Richardson-Klavehn, University of Magdeburg, Magdeburg, Germany

1155 WTh-AM

MTL Mechanisms Supporting Episodic Memory Encoding and Retrieval Revealed via Intracranial EEG

Bernhard Staresina, Tobias Wagner, Charan Ranganath, Juergen Fell, Nikolai Axmacher, University of Bonn, Bonn, Germany

1157 WTh-AM

Encoding of digits in superior memorizers involves a small left lateralized network of brain areas

André Brechmann, Tom Laudes, Johannes Mallow, Leibniz-Institute for Neurobiology, Magdeburg, Germany

1159 WTh-AM

Anterior corpus callosum size modulates hemispheric asymmetry during episodic memory processes

Kristiina Kompus, Lars Nyberg, Gregoria Kalpouzos, Rene Westerhausen, Umeå University, Umeå, Sweden

1161 WTh-AM

Parametric modulation of recollection: exploring variations in amount recalled

Thomas Couch, Graham Barnes, Daniela Montaldi, University of Manchester, Manchester, United Kingdom

1163 WTh-AM

The temporal dynamics of social-emotional memories retrieval within the medial temporal lobe

Anne Botzung, David Rubin, Philip Kragel, Kevin LaBar, Civil Hospital of Lyon, Neuroradiology Department, Lyon, France

1165 WTh-AM

Functional Activation of the Hippocampus in Typically and Atypically Developing Children

Joanne Rovet, Erin Sheard, Jovanka Skocic, Sarah Wheeler, The Hospital for Sick Children

1167 WTh-AM**Genetic variation of the alpha2b-adrenoceptor affects successful emotional memory formation**

Maren Urner, Guido van Wingen, Barbara Franke, Mark Rijpkema, Guillén Fernández, Indira Tendolkar, University College London, London, United Kingdom

1169 WTh-AM***Episodic memory retrieval dissociates posterior from anterior nodes of the Default Mode Network (O-M1)**

Carlo Sestieri, Maurizio Corbetta, Gian Luca Romani, Gordon Shulman, University of Chieti-Pescara, Chieti, Italy

1171 WTh-AM**The anterior temporal lobes in semantics and lexical retrieval**

Benno Gesierich, Marianna Riello, Michela Adriani, Alessia Monti, Valentina Brentari, Jorge Jovicich, Simon Robinson, Maria Luisa Gorno-Tempini, Center for Mind/Brain Sciences, University of Trento, Italy, Rovereto, Italy

1173 WTh-AM**Effects of ambient odors on brain activations during episodic retrieval of objects**

Emmanuel Galliot, Alexandre Comte, Laurent Tatu, Thierry Moulin, Jean-Louis Millot, Laboratory of Integrative and Clinical Neuroscience, University of Franche-Comté, Besançon, France

1175 WTh-AM**Neural dynamics of the interaction between Semantic and Episodic Memory in the elderly: a MEG study**

Valentina La Corte, Nathalie George, Line Garnero, Gianfranco Dalla Barba, Université Paris VI- INSERM U975, Paris, France

1177 WTh-AM**Episodic memory correlates with hippocampal volumes in young and middle-aged adults**

Thiago Junqueira, Melissa Machado, Eliane Miotto, Pedro Paulo Magalhães Jr, Maria Otaduy, Claudia Leite, Dagoberto Callegaro, Clinics Hospital - University of São Paulo, Sao Paulo, Brazil

1179 WTh-AM**Vividness Mediates Hippocampal Activation during Complex Episodic Memory Retrieval**

Marie St-Laurent, Morris Moscovitch, Mary Pat McAndrews, Krembil Neuroscience Center, Toronto, Canada

1181 WTh-AM**Person learning modifies neural network dynamics**

Jennifer Heisz, Judith Shedden, McIntosh Anthony, Rotman Research Institute - Baycrest Centre, Toronto, Canada

1183 WTh-AM**Imaging the role of the medial temporal lobe in consolidation of spatial associations**

Bertram Opitz, Saarland University, Saarbrücken, Germany

1185 WTh-AM**On common ground? fMRI and ERP evidence of repetition and semantic priming**

Sonja A. Kotz, Sascha Otterbein, Sebastian Wahnelt, Stefano Cappa, Jöran Lepsien, MPI for Human Cognitive and Brain Sciences, Leipzig, Germany

1187 WTh-AM**Individual hippocampus BOLD response varies with encoding task**

Traute Demirakca, Tobias Friedrich, Maria Erfurth, Matthias Ruf, Gabriele Ende, Central Institute of Mental Health, Mannheim, Germany

1189 WTh-AM**Age-related deficits in associative memory**

Sarah Brieber, Hubert Zimmer, Saarland University, Saarbrücken, Germany

1191 WTh-AM**Effects of retention interval on recognition memory: Electrophysiological and behavioural evidence**

Dimitris Tsivilis, Wael El-Deredy, John Downes, University of Manchester, Manchester, United Kingdom

MEMORY AND ANALYSIS**Bayesian Modeling****1193 WTh-AM****Relaxing the independence constraint for task-related maps in combined GLM-ICA**

Salima Makni, Mark Woolrich, Christian Beckmann, Stephen Smith, FMRIB/University of Oxford, Oxford, United Kingdom

1195 WTh-AM**Topographic Somatosensory Mapping of 7T fMRI high spatial resolution data using Multigrid Priors**

Selene Amaral, Susan Francis, Penny Gowland, Nestor Caticha, University of Nottingham, nottingham, United Kingdom

1197 WTh-AM**Neurofeedback based on Real-Time fMRI and Bayesian Signal Processing**

Yury Koush, Mikhail Zvyagintsev, Mark Elliot, Klaus Mathiak, RWTH Aachen University, Aachen, Germany

1199 WTh-AM

Dynamic causal modelling reveals effective connectivity changes in remitted major depression

Martin Pyka, Sonja Schöning, Harald Kugel, Udo Dannlowski, Volker Arolt, Carsten Konrad, Department of Psychiatry, Münster, Germany

1201 WTh-AM

Parameter free Bayesian activity detection in fMRI

David Afonso, Patrícia Figueiredo, João Sanches, Institute for Systems and Robotic / Instituto Superior Técnico, Lisboa, Portugal

1203 WTh-AM

Bayesian spatially adaptive EEG/fMRI fusion with application to a word rhyming task

Martin Luessi, Derin Babacan, Rafael Molina, James Booth, Aggelos Katsaggelos, Northwestern University, Evanston, United States

1205 WTh-AM

3D simulation of dendritic morphology using Bayesian networks

Pedro López, Concha Bielza, Pedro Larrañaga, Ruth Benavides-Piccione, Javier DeFelipe, Universidad Politécnica de Madrid, Madrid, Spain

MEMORY AND LEARNING

Bold fMRI

1207 WTh-AM

Statistical Estimation in the Fourier Domain of the Hemodynamic Transfer Function from fMRI Data

Daniel Rio, Robert Rawlings, Lawrence Woltz, Daniel Hommer, NIH, Bethesda, United States

1209 WTh-AM

A Top-Down Information Flow from The Prefrontal Cortex to The Fusiform Face Area

Kwan-Jin Jung, Hae-Song Jung, University of Pittsburgh, Pittsburgh, United States

1211 WTh-AM

Improved Hyperoxic and Hypercapnic Calibration for fMRI Study of Neurovascular-Metabolism Coupling

Clarisse Mark, Bruce Pike, Montreal Neurological Institute, Montreal, Canada

1213 WTh-AM

How reliable are the results from fMRI?

Craig Bennett, Christa-Lynn Donovan, Scott Guerin, Brian Lopez, Michael Miller, University of California, Santa Barbara, Santa Barbara, United States

1215 WTh-AM

Investigation of BOLD responses to epileptic spikes: a combined modeling & data analysis approach

Nicole Voges, Solenna Blanchard, Fabrice Wendling, Habib Benali, Olivier David, Theodore Papadopoulos, Maureen Clerc, Christian Benar, UMR 751 INSERM, Marseille, France

1217 WTh-AM

DPARSF: a MATLAB toolbox for “pipeline” data analysis of resting-state fMRI

Chaogan Yan, Yufeng Zang, State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, Beijing, China

1219 WTh-AM

A multiscale approach to activation detection in event-related fMRI based on wavelet statistics

Geert Verdoolaeye, Yves Rosseel, Ghent University, Gent, Belgium

1221 WTh-AM

Toward Efficient Implementation of Local Constrained Canonical Correlation Analysis for fMRI

Mingwu Jin, Rajesh Nandy, Dietmar Cordes, University of Colorado Denver, Aurora, United States

1223 WTh-AM

A Competitive Equilibrium Approach to Model Resource Allocation of the Human Brain

Alexandre Franco, Andrew Mayer, Vincent Calhoun, Helen Mayberg, Gregory Heileman, Emory University, Atlanta, United States

1225 WTh-AM

Bring the noise: BOLD variability differentiates fixation from tasks in young adults

Douglas Garrett, Natasa Kovacevic, Anthony McIntosh, Cheryl Grady, Rotman Research Institute, Baycrest, Toronto, Ontario, Canada

1227 WTh-AM

Do we need slice-timing correction in fMRI?

Ronald Sladky, Christian Kasess, Veronika Schoepf, Florian Ph.S Fischmeister, Ewald Moser, Christian Windischberger, MR Centre of Excellence, Medical University Vienna, Vienna, Austria

1229 WTh-AM

High-resolution fMRI Detects Activity of Individual Brainstem Nuclei During Optical Flow

Joseph Wildenberg, Mitchell Tyler, Yuri Danilov, Kurt Kaczmarek, Elizabeth Meyerand, University Of Wisconsin, Madison, United States

1231 WTh-AM

Whole-brain high-resolution resting state fMRI at 7T

Federico De Martino, Noam Harel, Pierre-Francois Van de Moortele, Kamil Ugurbil, Alard Roebroeck, Fabrizio Esposito, Elia Formisano, Rainer Goebel, Essa Yacoub, Maastricht University, Maastricht, Netherlands

1233 WTh-AM

BOLD traveling waves in primary visual cortex

Kevin Aquino, Mark Schira, Peter Drysdale, Peter Robinson, Michael Breakspear, School of Physics, The University of Sydney, Australia

1235 WTh-AM

Eyes closed and eyes open as rest conditions: influence of sampling rate on resting state networks

Ruiwang Huang, Chaogan Yan, Pengfei Xu, Xiaoxiang Deng, Jun Wang, Yong He, Yu-Feng Zang, State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, China, 10087, Beijing, China

1237 WTh-AM

Influence of acute bouts of submaximal exercise on the BOLD signal: An fMRI-study

Karl Koschutnig, Kerstin Schweitzer, Gernot Reishofer, Anja Ischebeck, Franz Ebner, Christa Neuper, Wolfram Müller, Medical University of Graz/University of Graz, Graz, Austria

1239 WTh-AM

Detecting nonlinearity in fMRI BOLD signals: A way to hidden connectivity patterns?

Milan Palus, David Hartman, Jaroslav Hlinka, Martin Vejmelka, Dante Mantini, Maurizio Corbetta, Institute of Computer Science ASCR, Prague 8, Czech Republic

1241 WTh-AM

A two-stage hypothesis testing procedure that can enhance statistical power in fMRI analysis

Raoul Grasman, Frank de Vos, Hilde Huizenga, Wouter Weeda, Lourens Waldorp, University of Amsterdam, Amsterdam, Netherlands

1243 WTh-AM

Module-Based Network: A new method for building functional networks from resting state fMRI signals

Youngmin Oh, Jie Lu, Zhilian Zhao, Kwangyeol Baek, Woohyun Shim, Young Kim, Jaeseung Jeong, Korea Advanced Institute of Science and Technology, Daejeon, Korea, Republic of

1245 WTh-AM

fMRI calibration using effective BOLD signals estimated from susceptibility-induced echo-time-shift

Yue Zhuo, Bradley Sutton, University of Illinois at Urbana-Champaign, Urbana, United States

1247 WTh-AM

Differential Modulation of Visual System Connectivity during Scenic Viewing

Wei Gao, Weili Lin, University of North Carolina at Chapel Hill, Chapel Hill, United States

MEMORY AND LEARNING

Classification and Predictive Modeling

1249 WTh-AM

Graph-Theoretical Methods for Statistical Inference on MR Connectome Data

Joshua Vogelstein, John Bogovic, Aaron Carass, William Gray, Jerry Prince, Bennett Landman, Dzung Pham, Luigi Ferrucci, Susan Resnick, Carey Priebe, R. Jacob Vogelstein, Johns Hopkins University, Baltimore, United States

1251 WTh-AM

Comparing methods for estimating reliability of fMRI data in a working memory task

Andreas Finkelmeyer, Thilo Kellermann, Bianca Voss, Schneider Frank, Ute Habel, RWTH Aachen University, Aachen, Germany

1253 WTh-AM

Multivoxel Pattern Analysis Reveals Evidence of Robust Responses to Stimuli in the First Block

Mohammed Al-Rawi, João Paulo Cunha, IEETA/University of Aveiro, Aveiro, Portugal

1255 WTh-AM

Smoothing Effect on Ocular Dominance Decoding by fMRI: both High and Low Spatial Freq Contributions

Masaya Misaki, Wen-Ming Luh, Peter Bandettini, NIMH/NIH, Bethesda, United States

1257 WTh-AM

Improving Classification Accuracy of Neurodegenerative Diseases by Learning Inter-subject Variation

Chia-Yueh Carlton Chu, Marianne Novak, Stefan Klöppel, John Ashburner, Naitonal Institute of Mental Health/NIH, Bethesda, United States

1259 WTh-AM

A supervised clustering approach for enhancing inter-subject brain activity classification

Vincent MICHEL, Evelyn Eger, Christine Keribin, Gael Varoquaux, Alexandre Gramfort, Bertrand Thirion, Inria Parietal, Gif-sur-Yvette, France

1261 WTh-AM

Optimal HRF and Smoothing Parameters for fMRI Time Series in an Autoregressive Modelling Framework

Andreas Galka, Michael Siniatchkin, Ulrich Stephani, Kristina Groening, Stephan Wolff, Jorge Bosch-Bayard, Tohru Ozaki, Department of Neuropediatrics, University of Kiel, Kiel, Germany

1263 WTh-AM

A Monte Carlo approach to locally-multivariate functional brain mapping

Malin Björnsdotter, Johan Wessberg, Neuroscience and physiology, Goteborg, Sweden

1265 WTh-AM

A processing pipeline and software toolbox for pattern recognition of brain imaging data ('PROBID')

Andre Marquand, Christine Ecker, Jane Rondina, Cynthia Fu, Vincent Giampietro, Mick Brammer, Janaina Mourao-Miranda, King's College London, London, United Kingdom

1267 WTh-AM*

Interpretable multivariate models for whole-brain fMRI (O-M2)

Logan Grosenick, Brad Klittingberg, Brian Knutson, Jonathan Taylor, Stanford University, Stanford, United States

1269 WTh-AM

fMRI-DTI modeling via relative distance atlases: detection of fiber tracts in patients with tumors

Lauren O'Donnell, Laura Rigolo, Isaiah Norton, William Wells, Carl Fredrik Westin, Alexandra Golby, Golby Lab, BWH Dept. Neurosurgery, Harvard Medical School, Boston, United States

1271 WTh-AM

Discriminative Network Models of Schizophrenia

Guillermo Cecchi, Irina Rish, Benjamin Thyreau, Bertrand Thirion, Marion Plaze, Marie-Laure Paillère-Martinot, Catherine Martelli, Jean-Luc Martinot, Jean-Baptiste Poline, IBM T.J. Watson Research Center, Yorktown Heights, United States

1273 WTh-AM*

A Hierarchical Generative Model for Percept Reconstruction (O-M2)

Marcel van Gerven, Floris de Lange, Tom Heskes, Institute for Computing and Information Sciences, Nijmegen, Netherlands

1275 WTh-AM

Event-related potential analyses via single-subject topographic classification

Athina Tzovara, Micah M. Murray, Gijs Plomp, Michael Herzog, Christoph Michel, Marzia De Lucia, University of Lausanne, Vaudois University Hospital Center, Lausanne, Switzerland

1277 WTh-AM

Degree of abnormality in fMRI response to sad faces detected by one-class SVM correlates with HRSD

Janaina Mourao-Miranda, David Hardoon, Tim Hahn, John Shawe-Taylor, Cynthia Fu, Mick Brammer, Centre for Computational Statistics and Machine Learning, UCL, London, United Kingdom

1279 WTh-AM

Time Domain vs. Frequency Domain Single-Trial EEG Analysis of a Perceptual Decision-Making Task

Jennifer Walz, Paul Sajda, Columbia University, New York, United States

1281 WTh-AM

Non prior-based brain segmentation using multi-contrast MRI

Shlomi Lifshits, Saharon Rosset, Liat Ben Sira, Shlomi Constantini, Yaniv Assaf, Tel Aviv University, Tel-Aviv, Israel

1283 WTh-AM

A Robust Regularized Regression-Based Framework for Mental State Inference

Ilana Podlipsky, Eti Ben Simon, Andrey Zhdanov, Talma Hendler, Nathan Intrator, Bio-Medical Engineering Department, Tel-Aviv University, Tel-Aviv, Israel

1285 WTh-AM

Understanding Brain Function in Natural Settings

Michael Andric, Steven Small, The University of Chicago, Chicago, United States

1287 WTh-AM

Support vector classification of arterial spin labeling data

Scott Peltier, Luis Hernandez-Garcia, University of Michigan, Ann Arbor, United States

1289 WTh-AM

Joint Analysis of Diffusion and Functional Data of Fiber Tracts

Emanuele Olivetti, Sriharsha Veeramachaneni, Susanne Greiner, Paolo Avesani, Fondazione Bruno Kessler, University of Trento, Mattarello, Italy

1291 WTh-AM

A fast kernel based searchlight heuristic for real-time fMRI

Toke Jansen Hansen, Lars Kai Hansen, Kristoffer Madsen, DTU Informatics, Technical University of Denmark, Lyngby, Denmark

1293 WTh-AM

Predicting Training Success for a Video Game: Effect of Number of Subjects on Prediction Power

Loan Vo, Dirk Walther, Arthur Kramer, Kirk Erickson, Walter Boot, Hyunkyoo Lee, Michelle Voss, Ruchika Prakash, Monica Fabiani, Gabriele Gratton, Y. Michelle Wang, University of Illinois at Urbana-Champaign, Urbana, United States

1295 WTh-AM

Predicting Dementia Development in Parkinson Disease using Bayesian Networks

Dinora A. Morales, Yolanda Vives-Gilbert, Endika Bengoetxea, Beatriz Gómez Ansón, Pedro Larrañaga, Javier Pagonabarraga, Jaime Kulisevsky, Gisela Llebaria Parés, Ramón Rotger, Idoia Corcuera, Intelligent Systems Group University of the Basque Country, Donostia-San Sebastián, Spain

1297 WTh-AM

Identifying Informative Emotion-Related Brain Responses by Feature Selection

Yuan-Pin Lin, Julie Onton, Jyh-Horng Chen, Scott Makeig, EE Dept., National Taiwan University, Taipei, Taiwan, Republic of China

1299 WTh-AM

Probabilistic discriminant analysis for fMRI data with multiple hemodynamic response function models

Kihwan Han, Thomas Talavage, Purdue University, West Lafayette, United States

1301 WTh-AM

BrainMap: A Coordinate-Based Functional Neuroimaging Database

P Mickle Fox, Angela Uecker, Angela Laird, Jack Lancaster, Peter Fox, University of Texas Health Science Center San Antonio, San Antonio, United States

1303 WTh-AM

Dynamic Classification of fMRI data using Sparse Logistic Regression with Elastic Net Regularization

Tianwen Chen, Daniel Houser, George Mason University, Fairfax, United States

1305 WTh-AM

Support Vector Regression prediction of graded fMRI activity

Yash Shah, Douglas Noll, Scott Peltier, University of Michigan, Ann Arbor, United States

1307 WTh-AM

Visualization of nonlinear kernel models in neuroimaging by sensitivity maps

Peter Rasmussen, Lars Hansen, Kristoffer Madsen, DTU Informatics, Technical University of Denmark, Kgs. Lyngby, Denmark

1309 WTh-AM

Support Vector Machine-Based Classification of Neurofibromatosis Type 1 from Structural MR Scans

João Duarte, Maria Ribeiro, Nicolas Lori, Frederico Lourenço, Miguel Castelo-Branco, IBILI, Faculty of Medicine, University of Coimbra, Coimbra, Portugal

1311 WTh-AM

Comparison of preprocessing pipelines and dimensionality reduction on clustering of visual cortex

Xiaohui Zhang, Fuyuze Tokoglu, R. Todd Constable, Yale University, New Haven, United States

1313 WTh-AM

MRI-based Biomarker Detection using Conformal Slit Maps and Machine Learning

Yalin Wang, Rudy Senstad, Arthur Toga, Paul Thompson, UCLA, Los Angeles, United States

MEMORY AND LEARNING

Exploratory Methods, Artifact Removal

1315 WTh-AM

Genetic Algorithm Clustering Technique for fMRI Data Analysis: A New fMRI Group ICA Algorithm

Ali Bourisly, Wei Huang, Yanping Sun, Mitchell Albert, Worcester Polytechnic Institute / University of Massachusetts Medical School, Worcester, United States

1317 WTh-AM

Enhancement of fMRI data analysis sensitivity with Visual Inspection, ICA-based Denoising

Robert Kelly, Zhishun Wang, George Alexopoulos, Faith Gunning-Dixon, Christopher Murphy, Sarah Morimoto, Dora Kanellopoulos, Zhiru Jia, Kelvin Lim, Matthew Hoptman, Weill Cornell Medical College, White Plains, United States

1319 WTh-AM

Improving 7T fMRI results using physiological noise correction

Chloe Hutton, Oliver Josephs, Jörg Stadler, Eric Featherstone, Alphonso Reid, Oliver Speck, Johannes Bernarding, Nikolaus Weiskopf, Wellcome Trust Centre for Neuroimaging, UCL, London, United Kingdom

1321 WTh-AM

FAST - a "fMRI Artefact rejection and Sleep scoring Toolbox"

Yves Leclercq, Pierre Maquet, Quentin Noirhomme, Jessica Schrouff, Christophe Phillips, Cyclotron Research Centre, University of Liège, Liège, Belgium

1323 WTh-AM

Quantifying the effect of the susceptibility artifact on volume and surface

Hester Breman, Martin Frost, Jan Zimmermann, Sanae Okamoto-Barth, Judith Peters, Chloe Hutton, John Ashburner, Nikolaus Weiskopf, Rainer Goebel, Maastricht Brain Imaging Center (MBIC), Maastricht, Netherlands

1325 WTh-AM

Assessing of maximal tolerable inaccuracy in fMRI experiment

Michal Miki, Radek Marecek, Aleš Drastich, Milan Brazdil, Masaryk University, Brno, Czech Republic

1327 WTh-AM

Non-Physiological Noise in Resting State fMRI and Its Correction with Anatomically Based Regressors

Ziad S. Saad, Hang Joon Jo, W. Kyle Simmons, Lydia Milbury, Alex Martin, Robert W. Cox, National Institute of Mental Health, Bethesda, United States

1329 WTh-AM

Performance Evaluation of Independent Component Analysis in fMRI using Preprocessing

Jean Michel Pignat, Oleksiy Koval, Sviatoslav Voloshynovskiy, Thierry Pun, HUG/UNIGE, Genève 14, Switzerland

1331 WTh-AM

Modelling the sources of the pulse artefact in simultaneous EEG/fMRI

Winston Yan, Karen Mullinger, Gerda Geirsdottir, Richard Bowtell, University of Nottingham, Nottingham, United Kingdom

1333 WTh-AM

The impact of physiological noise correction on the quality of fMRI data: standards for assessment

Vittorio Iacovella, Uri Hasson, CIMEC - Università degli studi di Trento, Trento, Italy

1335 WTh-AM

Robust hemodynamic delay estimation within visual cortex using high temporal resolution fMRI

Pierre LeVan, Benjamin Zahneisen, Thimo Grotz, Jürgen Hennig, University Hospital Freiburg, Freiburg, Germany

1337 WTh-AM

Optimizing fMRI analyses as a function of individual subject and task contrast

Nathan Churchill, Anita Oder, Stephen Strother, University of Toronto, Toronto, Canada

1339 WTh-AM

A Method for Anisotropic Spatial Smoothing of Functional Magnetic Resonance Images

Haewon Nam, Hae-Jeong Park, Ewha Womans University, seoul, Korea, Republic of

1341 WTh-AM

Surface Fractal Dimension Metric from Spherical Harmonic Analysis

Rachel Yotter, Paul Thompson, Christian Gaser, Structural Brain Mapping Group, Department of Psychiatry, University of Jena, Jena, Germany

1343 WTh-AM

Real-time rejection of gradient and pulse related artefact from EEG signals recorded during fMRI

Yves Leclercq, Evelyne Balteau, Pierre Maquet, Christophe Phillips, Cyclotron Research Centre, University of Liège, Liège, Belgium

1345 WTh-AM

The effects of ordering motion correction and physiological noise correction in fMRI analyses

Nathan Churchill, Herve Abdi, Stephen Strother, University of Toronto, Toronto, Canada

1347 WTh-AM

Primary motor area as main target of somatosensory direct projections

Camillo Porcaro, Leo Tomasevic, Filippo Zappasodi, Carlo Salustri, Franca Tecchio, Birmingham University, Birmingham, United Kingdom

1349 WTh-AM

Automatic Repair of Acquisition Defects in Reconstruction of Histology Sections of the Human Brain

Claude Lepage, Hartmut Mohlberg, Ana-Maria Oros-Peusquens, Nadim Jon Shah, Uwe Pietrzyk, Katrin Amunts, Alan Evans, Karl Zilles, McConnell Brain Imaging Center, Montreal Neurological Institute and Hospital, McGill University, Montreal, Canada

1351 WTh-AM

Unsupervised semiparametric Paradigm Free Mapping of BOLD responses and physiological fluctuations

Cesar Caballero Gaudes, Natalia Petridou, Susan Francis, Penny Gowland, University of Nottingham, Nottingham, United Kingdom

1353 WTh-AM

Texture Analysis of Hippocampal Sclerosis in High Resolution MRI: Preliminary Results

Maryana Alegro, Roseli Lopes, Bruno Medeiros, Ariadne Gonçalves, Alexandre Silva, Carlos Moreira-Filho, Edson Amaro Jr., Escola Politécnica - Universidade de São Paulo, São Paulo, Brazil

1355 WTh-AM

Model-free analysis of fMR images based on Shannon entropy in a sliding window

Serdar Baltacı, Mete Balci, Didem Gokcay, Middle East Technical University, Ankara, Turkey

1357 WTh-AM

Source analysis of single trial MEG data

Moritz Dannhauer, Eric Lämmel, Thomas Knösche, Max Planck Institute for cognitive and brain sciences, Leipzig, Germany

MEMORY AND LEARNING

Flattening, Segmentation

1359 WTh-AM

Global and regional patterns of tissue volume growth in the normal fetal brain from in utero MRI

Piotr Habas, James Corbett-Detig, Kio Kim, Francois Rousseau, Orit Glenn, A. James Barkovich, Colin Studholme, University of California San Francisco, San Francisco, United States

1361 WTh-AM

Automated Segmentation of High Resolution Spinal Cord MRI

William Gray, Jennifer Cuzzocreo, Seth Smith, Daniel Reich, Peter Calabresi, Peter van Zijl, Dzung Pham, Pierre-Louis Bazin, Johns Hopkins University, Baltimore, United States

1363 WTh-AM

Pathology-adapted Automatic Deep Nuclei Segmentation: Evaluation of accuracy on Huntington Patients

Linda Marrakchi-Kacem, Cyril Poupon, Christine Delmaire, Alexandra Durr, Jean-François Mangin, Stephane Lehericy, Fabrice Poupon, NeuroSpin, CEA, Gif-Sur-Yvette, France

1365 WTh-AM

Evaluation of four hippocampal segmentation methods in healthy and pathological subjects

Courtney Bishop, Dorit Merhof, David Glahn, David Kennedy, Jerome Declerck, Mark Jenkinson, FMRIB Centre, University of Oxford, Oxford, United Kingdom

1367 WTh-AM

Influence of age and image contrast on cortical thickness assessment at 3 Tesla

Ivanei Bramati, Fernando Paiva, Bernardo Tura, Jorge Moll, Fernanda Tovar-Moll, D'Or Institute for Research and Education, Rio de Janeiro, Brazil

1369 WTh-AM

Impact of Non-local Means filtering on Brain Tissue Segmentation

Christian Gaser, Pierrick Coupé, Structural Brain Mapping Group, Department of Psychiatry, University of Jena, Jena, Germany

1371 WTh-AM

Improved Hippocampal Segmentation by Learning Optimal Weights in Local Multi-Atlas Fusion

Ali R. Khan, Nicolas Cherbuin, Wei Wen, Kaarin Anstey, Perminder Sachdev, Mirza Faisal Beg, School of Engineering Science, Simon Fraser University, Burnaby, Canada

1373 WTh-AM

Segmentation of [carbonyl-11C]WAY-100635 PET Brain Images using Linear Discriminant Analysis

Andreas Hahn, Markus Savli, Christoph Spindelegger, Leonhard-Key Mien, Wolfgang Wadsak, Markus Mitterhauser, Georg Kranz, Christian Windischberger, Siegfried Kasper, Rupert Lanzenberger, Department of Psychiatry and Psychotherapy, Medical University of Vienna, Vienna, Austria

1375 WTh-AM

Hippocampal segmentation by Random Forest classification

Bellotti Roberto, Calvini Piero, Ivan Demitri, Giovanni Battista Frisoni, Gargano Gianfranco, Monge Roberta, Monno Laura, Sabina Tangaro, Universita' di Bari and Istituto Nazionale di Fisica Nucleare, Bari, Italy

1377 WTh-AM

The Effect of White Matter Lesions on Segmentation of Deep Grey Matter Structures

Rose Gelineau-Kattner, Valentina Tomassini, Mark Jenkinson, Jacqueline Palace, University of Oxford, Oxford, United Kingdom

1379 WTh-AM*

Diffeomorphic Sulcal Pattern Matching for Cortical Surface Registration (O-Th6)

Shantanu Joshi, Ryan Cabeen, Anand Joshi, Katherine Narr, Roger Woods, Arthur Toga, University of California Los, Los Angeles, United States

1381 WTh-AM

Automatic Segmentation of Gray Matter Multiple Sclerosis Lesions on DIR Images

Elisa Veronese, Enrico Grisan, Massimiliano Calabrese, Alice Favaretto, Paolo Gallo, Alessandra Bertoldo, Department of Information Engineering, University of Padova, Padova, Italy

1383 WTh-AM

Using Random Walks to Generate Macroscopic Network Models of the Brain

Emil Nijhuis, Eelke Visser, Anil Tuladhar, Gleb Bezgin, Cees Slump, Anne-Marie van Cappellen van Walsum, David G Norris, Donders Institute for Brain, Cognition and Behaviour, Radboud University Nijmegen, Nijmegen, Netherlands

1385 WTh-AM

MODULARITY-BASED STATISTICALLY OPTIMAL BRAIN NETWORK PARTITIONING

Yu-Teng Chang, Dimitrios Pantazis, Richard Leahy, University of Southern California, Los Angeles, United States

1387 WTh-AM

Computational unfolding and cortical thickness measurements of hippocampal subregions at 7 Tesla

Nanthia Suthana, Markus Donix, Adam Bazih, Robin Heidemann, Robert Trampel, Robert Turner, Susan Bookheimer, University of California, Los Angeles, Los Angeles, United States

1389 WTh-AM

A Java Application for Manually Editing Cortical Labels

Claire Zhao, Duyun Chen, Aaron Carass, Min Chen, John Bogovic, Jerry Prince, Department of Biomedical Engineering, Johns Hopkins University, Baltimore, United States

1391 WTh-AM

A Protocol for Manual Correction of Gyral Based Cortical Labels

Claire Zhao, Aaron Carass, Min Chen, John Bogovic, Duyun Chen, Jerry Prince, Department of Biomedical Engineering, Johns Hopkins University, Baltimore, United States

1393 WTh-AM

AutoWorkup: Automated Processing of Structural BRAIN MRI Using BRAINS

Ronald Pierson, Hans Johnson, Gregory Harris, Helen Keefe, Jane Paulsen, Nancy Andreasen, Vincent Magnotta, University of Iowa, Iowa city, United States

MOTOR BEHAVIOR

905 WTh-AM

Extraction of Cortical Beta Oscillatory Activities in EEG Signals Using Empirical Mode Decomposition

Po-Lei Lee, Department of Electrical Engineering, National Central University, Taiwan, Jhongli City, Taiwan, Republic of China

991 WTh-AM

ALE Metaanalysis of Action Observation and Imitation: Influence of Effector, Object, and Instruction

Svenja Caspers, Karl Zilles, Angela Laird, Simon Eickhoff, Research Center Jülich, Jülich, Germany

MOTOR BEHAVIOR

Basal Ganglia/Brainstem/Spinal Cord

1395 WTh-AM

Overlapping connections of motor cortical areas within the putamen: An fMRI and tractography study

Takuya Oguri, Nobukatsu Sawamoto, Shin-ichi Urayama, Masao Matsushashi, Kosei Ojika, Hidenao Fukuyama, Department of Neurology and Neuroscience, Nagoya City University Graduate School of Medical Sciences, Nagoya, Japan

1397 WTh-AM

Proofing the thalamocortical „motor“ circuit – a high resolution fMRI study at 7 Tesla

Julia Buchmann, Bharat B. Biswal, Dorothea Horn, Johann Steiner, Coraline Metzger, Jörg Stadler, Bernhard Bogerts, Martin Walter, Otto-von-Guericke-University Magdeburg, Magdeburg, Germany

1399 WTh-AM

Shape Analysis on Subcortical Structures in Diving Players

Yuanhao Zhang, Gaoxia Wei, Jing Luo, Tianzi Jiang, Institute of Automation, Chinese Academy of Sciences, Beijing, China

1401 WTh-AM

Acute D2 receptor blockade induces rapid, reversible remodeling in human cortical-striatal circuits

Heike Tost, Dieter Braus, Shabnam Hakimi, Fabian Hoehn, Andreas Meyer-Lindenberg, NIMH, NIH, Bethesda, United States

MOTOR BEHAVIOR

Brain-machine Interface

1403 WTh-AM

The OpenViBE P300-speller scenario: a thorough online evaluation

Emmanuel MABY, Guillaume GIBERT, Pierre-Emmanuel AGUERA, Margaux Perrin, Olivier Bertrand, Jeremie Mattout, Inserm U821, Brain Dynamics and Cognition, Lyon, France

1405 WTh-AM

A Matlab toolbox for electro-physiological signal decoding: application for brain machine interfaces

Romain Trachel, Alexa Riehle, Thomas Brochier, Manuel Zaepffel, Sylvain Takerkart, CNRS, Marseille, France

1407 WTh-AM

Functional near-infrared spectroscopy supports Brain Computer Interface performance in EEG

Siamac Fazli, Jan Mehnert, Arno Villringer, Jens Steinbrink, Gabriel Curio, Benjamin Blankertz, BBCI, Berlin, Germany

1409 WTh-AM

Geneva Brain computer Interface for robot steering in virtual and real environments

Rolando Grave de Peralta Menendez, Jorge Manuel Miranda Dias, José Augusto Soares Prado, Hadi Aliakbarpour, Sara Gonzalez Andino, HUG (NEUCL), Geneva, Switzerland

MOTOR BEHAVIOR

Eye Movements/ Visuomotor Processing

1411 WTh-AM

The Cortical Representation of Smooth Pursuit Eye Movements: A Multimodal Imaging Study

Ben Dunkley, Tom Freeman, Suresh Muthukumaraswamy, Krish Singh, Cardiff University, Cardiff, United Kingdom

1413 WTh-AM

BOLD-representations of the visuo-motor characteristics of a movement plan in human parietal cortex

Artur Pilacinski, Axel Lindner, Hertie Institute for Clinical Brain Research, Tuebingen, Germany

1415 WTh-AM

Activity of Frontal Areas in Reaching Tasks in Visually Rotated-Delayed Environment

Masashi SATA, Hiroto Nakase, Makoto Takahashi, Koichi Yokosawa, Graduate School of Information Science and Technology, Hokkaido University, Sapporo, Japan

1417 WTh-AM

Expert – Novice Differences in fMRI in Sport-Related Anticipation

Michael Wright, Daniel Bishop, Robin Jackson, Bruce Abernethy, Brunel University, Centre for Cognition and Neuroimaging,, Uxbridge, United Kingdom

NEUROANATOMY

Anatomical Studies

1419 WTh-AM

Normalization of Stroke Patient Images for White Matter Lesion-Symptom Mapping Analysis

And Turken, Mark D'Esposito, Nina Dronkers, Veterans Affairs Northern California Health Care System, Martinez, United States

1421 WTh-AM

Relationship between cerebral blood flow and age using ASL perfusion MRI in healthy children

Yasuyuki Taki, Hiroshi Hashizume, Yuko Sassa, Hikaru Takeuchi, Michiko Asano, Kohei Asano, Ryuta Kawashima, IDAC, Tohoku University, Sendai, Japan

1423 WTh-AM

Repeatability and reproducibility of cortical thickness using DiReCT and the CaliBrain sMRI data

Gordon Waiter, Viktoria-Eleni Goutouna, Katherine Lymer, Trevor Ahearn, David Brennan, Douglas Steele, William Moorhead, Joanna Wardlaw, Stephen lawrie, University of Aberdeen, Aberdeen, United Kingdom

1425 WTh-AM

Structural Connectivity Mapping via the Tensor-Based Morphometry

Moo Chung, Hanson Jamie, Brian Avants, James Gee, Richard Davidson, Seth Pollak, University of Wisconsin, Madison, United States

588 MT-PM

Sex-based differences in cortical thickness in middle-aged and older adults: PATH Through Life Study

Prapti Gautam, Nicolas Cherbuin, Kaarin Anstey, Wei Wen, Perminder Sachdev, Australian National University, Canberra, Australia

1429 WTh-AM

Two extrastriate areas on human fusiform gyrus: Cytoarchitectonic analysis and probabilistic mapping

Julian Caspers, Simon Eickhoff, Hartmut Mohlberg, Axel Schleicher, Katrin Amunts, Karl Zilles, Heinrich-Heine-University Düsseldorf, Düsseldorf, Germany

1431 WTh-AM

Imaging Myelin Maturation with Magnetic Resonance Imaging

Sean Deoni, Evelyne Mercure, Anna Blasi, David Gasston, Alex Thomson, Steve Williams, Declan Murphy, King's College London, Institute of Psychiatry, London, United Kingdom

1433 WTh-AM

Gender differences in cortical morphometry: The effect on cognitive functioning

Diana Tordesillas-Gutierrez, Roberto Roiz-Santiañez, Rocío Perez-Iglesias, Ignacio Mata, Jose Manuel Rodriguez-Sanchez, Rafael Tabarés-Seisdedos, Victor Garcia de la Foz, Elena Sanchez-Salmon, Benedicto Crespo-Facorro, Dept. of Psychiatry, University Hospital Marqués de Valdecilla. CIBERSAM, University of Cantabria, Santander, Spain

1435 WTh-AM

Shape analysis for human brain Yakovlevian torque in MRI

Lu Zhao, Jarmo Hietala, Jussi Tohka, Tampere University of Technology, Tampere, Finland

1437 WTh-AM

Increased GM volume and cortical surface area of left pars opercularis in male orchestral musicians

Ihssan Abdul-Kareem, Andrej Stancak, Laura Parkes, Vanessa Sluming, University of Liverpool, Liverpool, United Kingdom

1439 WTh-AM

Abnormal cerebral symmetries in patients with hippocampal sclerosis: a voxel-based morphometry study

Wenjing Li, Huiguang He, Jingjing Lu, Bin Lv, Meng Li, Zhengyu Jin, Institute of Automation, Chinese Academy of Sciences, Beijing, China

1441 WTh-AM

The 3-dimensional digital brain atlas of Octodon degu: a rodent model for higher brain function

Noriko Kumazawa, Mariko Katayama, Tsutomu Hashikawa, Atsushi Iriki, BSI, RIKEN, Saitama, Japan

1443 WTh-AM

A Virtual File System for Neuroimaging Databases

Yannick Schwartz, Gaël Varoquaux, Alexis Barbot, Benjamin Thyreau, Jean-Baptiste Poline, CEA, Gif-sur-Yvette, France

1445 WTh-AM

Selective brain atrophy in patient with liver cirrhosis: A DARTEL-based VBM study

Chu-Chung Huang, Wei-Che Lin, Kun-Hsien Chou, I-Yun Chen, Ching-Po Lin, Institute of Biomedical Imaging and Radiological Sciences, National Yang-Ming University, Taipei, Taiwan, Republic of China

1447 WTh-AM

Neuroanatomical correlates of verbal fluency performances in aging

Gwenaëlle Catheline, Helene Amieva, Bixente Dilharreguy, Marie-Gabrielle Duperron, Catherine Helmer, Jean-François Dartigues, Michele Allard, EPHE-CNRS, Bordeaux, France

1449 WTh-AM

Connectivity Architecture of the Human Inferior Parietal Cortex – A DTI Study

Michael Ruschel, Alfred Anwander, Thomas Knösche, Robert Turner, Stefan Geyer, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

1451 WTh-AM

Evaluation of Brain gray and white matter Alterations in High-Altitude Climbers

Ai-Ling Hsu, Kun-Hsien Chou, Hung-Chieh Chen, Jiing-Feng Lirng, Ching-Po Lin, National Yang-Ming University, Taipei, Taiwan, Republic of China

1453 WTh-AM

Anterior Cingulate Cortex Probability Maps: Interhemispheric and Gender Differences

Nicola Palomero-Gallagher, Brent Vogt, Hartmut Mohlberg, Karl Zilles, INM-2, Jülich, Germany

1455 WTh-AM

Strongly reduced volumes of basal ganglia nucleus in liver cirrhosis

Jian-Shiun Chen, Wei-Che Lin, Kun-Hsien Chou, I-Yun Chen, Ching-Po Lin, Institute of Biomedical Imaging and Radiological Sciences, National Yang Ming University, Taipei, Taiwan, Republic of China

1457 WTh-AM

Central Surface Reconstruction Using a Projection Scheme

Robert Dahnke, Rachel Aine Yotter, Christian Gaser, Structural Brain Mapping Group, Department of Psychiatry, University of Jena, Jena, Germany

1459 WTh-AM

3D Local Gyrfication Index based on the Laplace Equation

Robert Dahnke, Rachel Aine Yotter, Christian Gaser, Structural Brain Mapping Group, Department of Psychiatry, University of Jena, Jena, Germany

1461 WTh-AM

Measurement of the Fourth Ventricle Volume of Chinese Normal Adults Based on the High-resolution MRI

Jian Wang, Lin Ping Shi, Southwest Hospital, Chong Qing, China, Chong Qing, China

1463 WTh-AM*

Preservation effects and hippocampal increases of grey matter during healthy adulthood (0-W3)

Gabriel Ziegler, Robert Dahnke, Rachel Aine Yotter, Mietchen Daniel, Katja Franke, Christian Gaser, Structural Brain Mapping Group, Department of Psychiatry, University of Jena, Jena, Germany

1465 WTh-AM

Pipeline for Automated Registration of Freesurfer Surfaces to the PALS-B12 Human Atlas

Donna Dierker, John Harwell, Tim Coalson, Alan Anticevic, Joe Cooper, David Van Essen, Washington University School of Medicine, St. Louis, United States

1467 WTh-AM

Shape Variation of the Thalamic Nuclei Estimated from a Manual Parcellation

John Bogovic, James Barger, Meredith Thomson, Xian Fan, Jerry Prince, Sarah Ying, Johns Hopkins University, Baltimore, United States

1469 WTh-AM*

Correspondence between in vivo axonal diameter and cortical connectivity of the corpus callosum (0-T1)

Flavio Dell'Acqua, Michel Thiebaut de Schotten, Joan Chick, Andy Simmons, Declan Murphy, Steven Williams, Marco Catani, Natbrainlab, Institute of Psychiatry, King's College London, London, United Kingdom

1471 WTh-AM

Disrupted Hippocampal-cortical connectivity in schizophrenia: shape, thickness, white matter

Anqi Qiu, Kang Sim, National University of Singapore, Singapore, Singapore

1473 WTh-AM

Relationship between age and brain structure in a large, elderly, population based sample

Richard Beare, Thanh Phan, Velandai Srikanth, Monash University, Melbourne, Australia

1475 WTh-AM

Finding Stable Sulcal Subunits : a Group Analysis of Primal Sketches of the Cortex Mean Curvature

Grégory Operto, Jean Régis, Olivier Coulon, Jean-François Mangin, Denis Rivière, Arnaud Cachia, LNAO / NeuroSpin / I2BM / CEA, Gif-sur-Yvette, France

1477 WTh-AM

Self reported physical activity is related to anterior hippocampal and parahippocampal volume

Traute Demirakca, Wencke Brusniak, Nuran Tunc-Skarka, Isabella Wolf, Carsten Diener, Gabriele Ende, Central Institute of Mental Health, Mannheim, Germany

1479 WTh-AM

In vivo Imaging of the cortical architecture of the frontal lobe

Daniel Barazany, Ory Levy, Yaniv Assaf, Tel Aviv University, Tel Aviv, Israel

1481 WTh-AM

Stochastic Neurography

Sylvain Jaume, Martin Loeprich, Ehud Schmidt, Ron Kikinis, Massachusetts Institute of Technology, Cambridge, United States

1483 WTh-AM

Selection of registration parameters with diffeomorphic registration for TBM studies on ADNI data

Matias Bossa, Ernesto Zacur, Salvador Olmos, University of Zaragoza, Zaragoza, Spain

1485 WTh-AM

Comparing the patterns of cortical correlation and fibre tract connectivity across the human brain

Gong Gaolang, Zhang Chen, Yong He, Alan Evans, McConnell Brain Imaging Center, Montreal Neurological Institute and Hospital, McGill University, Montreal, Canada

1487 WTh-AM

Lifespan stability of structural covariance in human cortex assessed using voxel-based morphometry

Jonathan Peelle, Richard Henson, Rhodri Cusack, MRC Cognition and Brain Sciences Unit, Cambridge, United Kingdom

1489 WTh-AM

Brain sub-structure atrophy in multiple sclerosis measured by automated tissue-lesion segmentation

Navid Shiee, Pierre-Louis Bazin, Peter Calabresi, Dzung Pham, Daniel Reich, Johns Hopkins University, Baltimore, United States

1491 WTh-AM*

Subpial Pathology as a Substrate for Cortical Thinning in Multiple Sclerosis: a 7T MRI study (O-Th2)

Caterina Mainero, Julien Cohen Adad, Doug Greve, Thomas Benner, Andre' van der Kouwe, Bruce Fischl, R Kinkel, Bruce Rosen, Massachusetts General Hospital, Charlestown, United States

1493 WTh-AM

Cortical gyrification and the underlying axonal connectivity in 22q11 deletion syndrome

Marie Schaer, Marie-Christine Ottet, Leila Cammoun, Djalel Meskaldji, elda fischer, Patric Hagmann, Jean-Philippe Thiran, Stephan Eliez, University Hospital Zürich, Switzerland, Zürich, Switzerland

1495 WTh-AM

Functional Anatomy of the Human Massa Intermedia

Patrick Schweder, Peter Hansen, Alex Green, Gerardine Quaghebeur, Tipu Aziz, University of Oxford, Department of Neurosurgery, Oxford, United Kingdom

NEUROANATOMY

Pharmacology

1497 WTh-AM

Methylphenidate (MPH) Effects on Response Inhibition Networks: the Role of Attentional Capture

Astrid Pauls, Owen O'Daly, Mitul Mehta, Institute of Psychiatry, London, United Kingdom

1499 WTh-AM

Combined glucose and caffeine effects on neural activity: an fMRI study

Josep M Serra-Grabulosa, Ana Adan, Carles Falcon, Nuria Bargallo, University of Barcelona, Barcelona, Spain

1501 WTh-AM

Scopolamine Reduces Response Selectivity in Visual Cortex during Selective Attention: an fMRI Study

Elana Hoffman, Wayne Drevets, Maura Furey, National Institutes of Mental Health, Bethesda, United States

1503 WTh-AM

Modulation of limbic system reward processing after methamphetamine challenge

Javier Bernacer, Philip Corlett, Pranathi Ramachandra, Brady McFarlane, Luke Clark, Trevor Robbins, Paul Fletcher, Graham Murray, University of Cambridge, Cambridge, United Kingdom

1505 WTh-AM

Segregation of Cortical Layers by Differential Responses of Dopamine D1 and D3 Receptors

Bruce Jenkins, Joseph Mandeville, Yin-Ching Chen, Amy Newman, Ji-Kyung Choi, MGH, Charlestown, United States

1507 WTh-AM

Physiologically Based Toxicokinetic Modeling of Manganese in Rat

PK Douglas, Joseph DiStefano, III, Mark Cohen, UCLA, Los Angeles, United States

1509 WTh-AM

Subchronic duloxetine treatment attenuates emotional processing in depression-related neurocircuitry

Hein van Marle, Indira Tendolkar, Robbert Jan Verkes, Maren Urner, Guillén Fernández, Guido van Wingen, Radboud University Nijmegen, Donders Institute for Brain, Cognition, and Behaviour, Nijmegen, Netherlands

SENSORY SYSTEMS

Auditory/Vestibular

1511 WTh-AM

Neural correlates of the tympanic membrane movements: an fMRI study

Agnès Job, Gregory O'Beirne, Jean-Charles Paucod, Chantal Delon-Martin, CRSSA, La Tronche, France

1513 WTh-AM

Temporal integration of vowel periodicity in the auditory cortex: An MEG study

Santeri Yrttiaho, Hannu Tiitinen, Paavo Alku, Ismo Miettinen, Patrick May, Aalto University, Helsinki, Finland

1515 WTh-AM

Rhythm abilities relate to phonological short term memory and beat detection skill

Jessica Grahn, Dirk Schuit, MRC Cognition and Brain Sciences Unit, Cambridge, United Kingdom

1517 WTh-AM

Meta-analysis of acoustic-phonetic processing: Evidence of a ventral stream hierarchy

Iain DeWitt, Josef Rauschecker, Georgetown University, Washington, United States

1519 WTh-AM

Topographically ordered representations of spectro-temporal sound features in human auditory cortex

Marcus Herdener, Christoph Kayser, Fabrizio Esposito, Kamil Uludag, Max Planck Institute for Biological Cybernetics, Tübingen, Germany

1521 WTh-AM

Enhanced Activation of Cerebellar Regions During Pitch Discrimination in Humans: A PET Study

Augusto Petacchi, Christian Kaernbach, Rama Ratnam, Donald Robin, James Bower, University of Texas Health Science Center at San Antonio, San Antonio, United States

1523 WTh-AM

An fMRI Study of the Lateralization of the Vestibular System

Hellen Della-Justina, Anderson Winkler, Tiago Manczak, Ricardo Ferreira, Dráulio de Araújo, Humberto Gamba, Universidade Tecnológica Federal do Paraná, Curitiba, Brazil

1525 WTh-AM

Multimodal imaging of frequency coding in the human auditory cortex

Jamaan Alghamdi, Andrej Stancak, Laura Parkes, Guy Lightfoot, Val Adams, Vanessa Sluming, University of Liverpool, Liverpool, United Kingdom

1527 WTh-AM

State-Dependence of fMRI Auditory Cortex Responses to Desired and Undesired Acoustic Stimuli

Olumide Olulade, Shouwen Hu, Gregory Tamer Jr., Wen-Ming Luh, Thomas Talavage, Purdue University, West Lafayette, United States

1529 WTh-AM

Differences in anatomical networks between Post- and Pre/peri-lingual deaf using gray matter density

Eunkyung Kim, Hyejin Kang, Moo Chung, Eunjo Kang, Hyo-Jeong Lee, Jae-Jin Song, Seung Ha Oh, Dong Soo Lee, Seoul Natl University, Seoul, Korea, Republic of

1531 WTh-AM

Temporal predictability enhances repetition suppression in the human auditory system

Jordi Costa-Faidella, Torsten Baldeweg, Sabine Grimm, Carles Escera, Institute for Brain, Cognition and Behavior (IR3C) - Universitat de Barcelona, Barcelona, Spain

1533 WTh-AM

Decoding a (rock) song from brain activation of listeners

Noel Staeren, Giancarlo Valente, Elia Formisano, Maastricht University, Maastricht, Netherlands

1535 WTh-AM

Functional properties of human auditory cortical fields

David Woods, Timothy Herron, Anthony Cate, E. William Yund, G. Christopher Stecker, Teemu Rinne, Xiaojian Kang, University of California at Davis, Martinez, United States

1537 WTh-AM

Low-Profile Isodynamic High Fidelity MRI Compatible Headphones

Oliver Josefs, Fred Dick, Martin Sereno, Nikolaus Weiskopf, Wellcome Trust Centre for Neuroimaging, UCL, London, United Kingdom

1539 WTh-AM

Grey matter density in auditory regions at age 10 predicts ability on a melodic task 5 years later

Mary Elizabeth Sutherland, Pierre-Yves Hervé, Gabriel Leonard, Tomas Paus, Robert Zatorre, Montreal Neurological Institute, McGill University, Montreal, Canada

1541 WTh-AM

Functional and structural abnormalities in limbic and auditory areas contributing to tinnitus

Amber Leaver, Laurent Renier, Mark Chevillet, Susan Morgan, Hung Kim, Josef Rauschecker, Georgetown University, Washington, United States

SENSORY SYSTEMS

Chemical Senses: Olfaction, Taste

1543 WTh-AM*

Neural Processing of Odorant Stimuli by Early Blind Subjects (O-Th5)

Mathilde Beaulieu Lefebvre, Fabien Schneider, Hartwig Siebner, Ron Kupers, Maurice Ptito, University of Montreal, Montreal, Canada

1545 WTh-AM

Time course of odorant and trigeminal-induced activation in human brain: an event-related fMRI study

Pierre-Edouard Billot, Alexandre Comte, Emmanuel Galliot, Patrice Andrieu, Bonnans Vincent, Tijani Gharbi, Laurent Tatu, Thierry Moulin, Jean-Louis Millot, Laboratory of Integrative and Clinical Neuroscience, University of Franche-Comté, Besancon, France

1547 WTh-AM

Expected taste intensity modulates neural response to a sweet drink in taste cortex during fMRI

Andy Woods, Donna Lloyd, Johanna Kuenzel, Ellen Poliakoff, Garnt Dijksterhuis, Anna Thomas, University of Manchester and Unilever R&D, Rotterdam, Netherlands

1549 WTh-AM

Event-Related Stimulation with Functional Magnetic Resonance Imaging in Olfactory Tasks

Juan Hernández-Tamames, Susana Borromeo, Guillermo Luna, Eva Alfayate, Ana Beatriz Solana, Elena Molina, Adolfo Toledano, Juan Álvarez-Linera, Universidad Rey Juan Carlos, Móstoles, Spain

SENSORY SYSTEMS

Multisensory and Crossmodal

1551 WTh-AM

Somatosensory cortex activity reflects changes in bodily self consciousness

Estelle Palluel, Jane Aspell, Olaf Blanke, EPFL, Lausanne, Switzerland

1553 WTh-AM

A Pneumatically-Driven Stimulus Delivery System for the MRI Environment

John Ingeholm, W. Kyle Simmons, Annie Chan, George Dold, Thomas Talbot, Christopher Baker, Alex Martin, National Institute of Mental Health, Bethesda, United States

1555 WTh-AM

Functional Connectivity of the Fusiform Face Area in Prosopagnosics during Voice Recognition

Sonja Schall, Katharina von Kriegstein, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

1557 WTh-AM

Multisensory interaction between face and voice's processing during familiar person recognition

Ileana Quiñones, María Bobes, Marianne Latinus, Frances Crabbe, Mitchell Valdes-Sosa, Pascal Belin, Cuban Neuroscience Center, Havana, Cuba

1559 WTh-AM

Object familiarity modulates the relationship between spatial imagery and haptic shape perception

Randall Stilla, Simon Lacey, Mark Porath, Krish Sathian, Emory University School of Medicine, Atlanta, United States

1561 WTh-AM

Audiovisual Integration of Speech and Gesture in the Premotor Cortex

Goulven Josse, Sabine Joseph, Eric Bertasi, Anne-Lise Giraud, LNC / INSERM / ENS, Paris, France

1563 WTh-AM*

Bifurcation in Neural Dynamics between Valid and Invalid Sensory Inferences (O-W1)

Luc Arnal, Valentin Wyart, Anne-Lise Giraud, Inserm U960 - Ecole Normale Supérieure, Paris, France

1565 WTh-AM

The Neural Correlates of Multisensory Perceptual Training

AI Powers, Matthew Hevey, Mark Wallace, Vanderbilt University, Nashville, United States

1567 WTh-AM

Cortical activation pattern of deaf patients during a lip-reading task

Pavel Prado-Gutierrez, Sadie Khwaja, Karl Embleton, Yasser Iturria, Kevin Green, Colette McKay, Cuban Neuroscience Center, Havana, Cuba

1569 WTh-AM

Sensorimotor area activity during rubber hand illusion under delayed visual feedback

Kensuke Fukuda, Sotaro Shimada, Meiji University, Tokyo, Japan

1571 WTh-AM

Subjective tranquility is shaped by contextual modulation of auditory connectivity

Michael Hunter, Simon Eickhoff, Rob Pheasant, Molly Douglas, Greg Watts, Tom Farrow, Declan Hyland, Jian Kang, Iain Wilkinson, Kirill Horoshenkov, Peter Woodruff, SCANLab, Academic Clinical Psychiatry, University of Sheffield, Sheffield, United Kingdom

1573 WTh-AM

Audiovisual synchrony enhances oddball sensitivity and activity in auditory and heteromodal cortices

Jennifer Marchant, Christian Ruff, Jon Driver, Wellcome Trust Centre for Neuroimaging, UCL, London, United Kingdom

1575 WTh-AM

Crosstalk between auditory and somatosensory change detection

Lynne Spackman, Anthony Towell, Stuart Boyd, Sheffield Hallam University, Sheffield, United Kingdom

1577 WTh-AM

Sustained selective intermodal attention – modality specific or supramodal?

Katja Saube, Matthias Müller, Erich Schröger, University of Leipzig, Leipzig, Germany

1579 WTh-AM

Voice Priming Effects in the Fusiform Gyrus of the Blind

Cordula Hölig, Julia Föcker, Anna Best, Brigitte Röder, Christian Büchel, NeuroimageNord, Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf, Hamburg, Germany

1581 WTh-AM

Auditory-tactile shape learning engages the lateral occipital complex

Jung-Kyong Kim, Robert Zatorre, Montreal Neurological Institute, McGill University, Montreal, Canada

1583 WTh-AM

Multiple components of audiovisual integration: insights from a novel fMRI spectral analysis

Uri Hertz, Amir Amedi, Hebrew university of Jerusalem, Jerusalem, Israel

1585 WTh-AM*

Processing spatial and pitch attributes of sounds in the absence of visual experience: an fMRI study (O-W1)

Olivier Collignon, Gilles Vandewalle, Patrice Voss, Genevieve ALBOUY, Geneviève Charbonneau, Maryse Lassonde, Franco Lepore, Université de Montréal, Montreal, Canada

1587 WTh-AM

Audiovisual Integration in Motion Discrimination: A multivariate decoding study

Johannes Tuennerhoff, Uta Noppeney, Max Planck Institute for Biological Cybernetics, Tuebingen, Germany

**Wednesday, June 9 and Thursday, June 10
14:45 - 15:45**

BRAIN STIMULATION

TMS

2 WTh-PM

Convergence of brain mapping tools: Neuronavigated TMS parameters of BOLD fMRI responses in the hand

Anna-Sophia Sarfeld, Svenja Diekhoff, Gianpiero Liuzzi, Gereon Fink, Christian Grefkes, Max-Planck-Institute for Neurological Science, Cologne, Germany

4 WTh-PM

Paired-Pulse Transcranial Magnetic Stimulation in Rats

Andrew Vahabzadeh-Hagh, Paul Muller, Eng Lo, Alvaro Pascual-Leone, Alexander Rotenberg, Harvard Medical School, Boston, United States

6 WTh-PM

Acute effects of 1-Hz rTMS on corticospinal excitability in chronic stroke

Lisa Koski, Johanne Higgins, Benjamin Whatley, Ka Wai Leong, McGill University, Montreal, Canada

8 WTh-PM

Calculation of electric field distributions induced by TMS: comparison of FEM and spherical models

Mirko Windhoff, Axel Thielscher, MPI for Biological Cybernetics, Tübingen, Germany

10 WTh-PM

Corticospinal Excitability Modulation to Hand Muscles During the Observation of Different Actions

Andrea Cavallo, Umberto Castiello, Center for Cognitive Science, Department of Psychology, University of Torino, Torino, Italy

12 WTh-PM

State-Dependent TMS Reveals Tuning for Different Observed Grip Types in the Ventral Premotor Cortex

Luigi Cattaneo, Center for Mind/Brain Sciences, University of Trento, Mattarello (Trento), Italy

14 WTh-PM

Optical Monitoring of the Microvascular Effects of Transcranial Magnetic Stimulation

Rickson Mesquita, Erin Buckley, Meeri Kim, Olufunsho Faseyitan, Peter Turkeltaub, Amy Thomas, Mari Tobita, Turgut Durduran, John Detre, Arjun Yodh, Roy Hamilton, University of Pennsylvania, Philadelphia, United States

16 WTh-PM

Cortical excitability related to action observation after severe traumatic brain injury

Shirley Fecteau, Raul Pelayo, Hatiche Kumru, Monste Bernabeu, Eloy Opiso Salleras, Alvaro Pascual-Leone, Jose Maria Tormos, Berenson-Allen Center for Noninvasive Brain Stimulation, Beth Israel Deaconess Medical Center, Boston, United States

18 WTh-PM

A numerically optimized active shield for improved TMS targeting

Luis Hernandez-Garcia, Timothy Hall, University of Michigan, Ann Arbor, United States

20 WTh-PM

Effect of rTMS on bradykinesia in Parkinson's disease: a fMRI study

Nadia Gonzalez, Julian Soto, David Trejo, Rene Drucker, Jorge Armony, UNAM, Mexico, Mexico

22 WTh-PM

Does TMS slow down visual awareness?

Chiara Renzi, Juha Silvanto, Tomaso Vecchi, Zaira Cattaneo, University of Pavia, Pavia, Italy

24 WTh-PM

Altered functional connectivity in major depressive disorder and its modulation by rTMS

Kyung Ran Kim, Jeonghun Ku, Hyeongrae Lee, Kyungun Jung, Se Joo Kim, Kee Namkoong, kang jun yoon, Eun Lee, Yonsei University, Seoul, Korea, Republic of

26 WTh-PM*

Changes in cortical plasticity across the lifespan (0-T5)

Catarina Freitas, Shiva Gautam, Lindsay Oberman, Mark Eldaief, Jose Tormos, Alvaro Pascual-Leone, Berenson-Allen Center for Noninvasive Brain Stimulation - BIDMC - Harvard Medical School, Boston, United States

28 WTh-PM

Neuronavigation can enhance the effect of 1-Hz rTMS to primary motor cortex in stroke patient

Shahid Bashir, Dylan Edwards, Alvaro Pascual-Leone, Neurology, Boston, United States

30 WTh-PM

Higher variability in motor thresholds to TMS in patients with migraine

Adriana Conforto, Mariana Moraes, Mario Peres, André Gonçalves, Mercante Juliane, Vera Guendler, Edson Amaro Jr., Instituto do Cérebro - IIEP / AE, Sao Paulo, Brazil

32 WTh-PM

Virtual lesions of the right aIPS disrupt the decoding of action intent: a TMS study

Stephanie Ortigue, Pierre-Michel Bernier, Antonia Hamilton, Scott Grafton, Syracuse University, Syracuse, United States

34 WTh-PM*

Development of a Baboon Model Using rTMS as Evidenced by Rate Dependent Regional Brain Activations (0-Th1)

Felipe Salinas, C. Szabó, Crystal Franklin, Wei Zhang, M. Leland, Hsiao-Ying Wey, Timothy Duong, Peter Fox, Shalini Narayana, University of Texas Health Science Center at San Antonio, San Antonio, United States

36 WTh-PM

Interaction between sensorimotor inhibitory circuits: a transcranial magnetic stimulation study

Sara Tremblay, Louis De Beaumont, Hugo Théoret, Université de Montréal, Montreal, Canada

COGNITION AND ATTENTION

Attention (Auditory, Tactile, Motor)

38 WTh-PM

Evoked and induced MEG responses to looming sounds

Dominik Bach, Nicholas Furl, Gareth Barnes, Raymond Dolan, University College London, London, United Kingdom

40 WTh-PM

Effects of oxygen on sensory P50 and cognitive P300 ERP mappings

Qiu-Hong YU, Jie Yang, Kim-Yuan He, Lian-Bi Xue, Andrew CN Chen, Center for Higher Brain Functions, Capital Medical University, Beijing, China

42 WTh-PM

Bottom-up and top-down effects on the processing of pitch contours in short sequences of syllables

Nicole Behne, Henning Scheich, André Brechmann, Leibniz Institute for Neurobiology, Magdeburg, Germany

587 MT-AM

The role of anticipatory oscillatory activity in auditory short-term memory

Maria Rieder, Benjamin Rahm, Christoph Polkowski, Jochen Kaiser, Institute of Medical Psychology, Frankfurt, Germany

46 WTh-PM

CORTEX STATES DURING DIFFERENT VARIANTS OF BINAURAL LISTENING TO SYLLABLES

Julia Boytsova, Sergey Danko, Maxim Kireev, Svyatoslav Medvedev, Heikki Hämäläinen, Kimmo Alho, Kenneth Hugdahl, Institute of the human brain RAS, St.-Petersburg, Russian Federation

48 WTh-PM

Prediction-Based Auditory Responses to Omissions of Self-Generated Sounds

Iria SanMiguel, Andreas Widmann, Alexandra Bendixen, Erich Schröger, University of Leipzig, Leipzig, Germany

50 WTh-PM

Induced Alpha Band Responses to Sounds Reflect Repetition Effects and Enhanced Memory Load

Ilan Laufer, Michiro Negishi, Cheryl Lacadie, Xenophon Papademetris, R. Todd Constable, Yale University School of Medicine, New Haven, United States

52 WTh-PM

Neural correlates of the practice effects in tasks involving higher cognitive functions

Adina Mincic, University of Oradea, Romania, Oradea, Romania

54 WTh-PM

Base Rate of Stimuli at the Series Onset Modulate N2 and P3 ERP Components in an Auditory Oddball

Alexander SOKOLOV, Kotchoubey Boris, Marina Pavlova, Univ. of Tuebingen, Tuebingen, Germany

56 WTh-PM

Effects of attention on automatic access to words: an ERP study

Alessandro Tavano, Andreas Widmann, Erich Schröger, University of Leipzig, Leipzig, Germany

58 WTh-PM

Attentional Set Effects on Auditory Attentional Blink: An Event-Related Potential (ERP) Study

Dawei Shen, Claude Alain, Rotman Research Institute of Baycrest Centre, University of Toronto, Toronto, Canada

60 WTh-PM

Influence of repetitive TMS to right inferior parietal cortex on auditory spatial processing

Debra Karhson, Edward Golob, Tulane University, New Orleans, United States

62 WTh-PM

Multiple Contributions of Motor Timing to Preparation for Sequential Actions

Marta Bortoletto, Alana Cook, Cunningham Ross, The University of Queensland, Queensland Brain Institute & School of Psychology, St Lucia, Australia

64 WTh-PM

The Role of the Inferior Parietal Lobe in Action Awareness

Gethin Hughes, Suliann Ben Hamed, Chloe Farrer, Laboratoire Psychologie de la Perception, Université René Descartes, Paris, France

66 WTh-PM

An MEG study of differential high frequency gamma activity in schizophrenia during an oddball task

Dani Rubinstein, Frederick Carver, Judy Mitchell-Francis, Tom Holroyd, Jose Apud, Daniel Weinberger, Richard Coppola, NIMH, Bethesda, United States

COGNITION AND ATTENTION

Attention (Visual)

68 WTh-PM

Tracing the neural signature of lapsing attention pre-error using simultaneous EEG/fMRI

Redmond O'Connell, Joshua Balsters, Simon Kelly, Paul Dockree, Ian Robertson, Trinity College Dublin, Dublin, Ireland

70 WTh-PM

Superior Temporal Sulcus and Detection of Rare Events

Petra Haitova, Milan Brazdil, Radek Marek, Michal Mikl, First Department of Neurology, St. Anne's University Hospital, Brno, Czech Republic, Brno, Czech Republic

72 WTh-PM

The neural substrate of increased attentional selection following the priming of negative affect

Tobias Melcher, Andreas Mann, Katrin Obst, Peter Dechent, Oliver Gruber, Centre for Translational Research in Systems Neuroscience, Dep. Psychiatry, Georg August University, Göttingen, Germany

74 WTh-PM

Spatial frequency affects contralesional target detection in patients with visual extinction

Margarita Sarri, Elliot Freeman, Tom Manly, John Duncan, MRC Cognition and Brain Sciences Unit, Cambridge, United Kingdom

76 WTh-PM

Dynamic interactions in the fronto-parietal network during a stimulus-response compatibility task

Edna-Clarisse Cieslik, Karl Zilles, Simon Eickhoff, Research Center Jülich, Institute of Neuroscience and Medicine, Jülich, Germany

78 WTh-PM

Preparatory and Maintenance Related Attentional Mechanisms in Visual Working Memory

Alexandra Murray, Mark Stokes, Anna Christina Nobre, University of Oxford, Oxford, United Kingdom

80 WTh-PM

Modulation of target discrimination in complex scenes by long-term memory

Eva Zita Patai, Sonia Doallo, Anna Christina Nobre, University of Oxford, Oxford, United Kingdom

82 WTh-PM*

Bilateral White Matter Disconnections in Balint's syndrome and Simultanagnosia (O-W2)

Magdalena Chechlacz, Pia Rotshtein, Peter Hansen, Shoumitro Deb, Jane Ridloch, Glyn Humphreys, Behavioural Brain Sciences Centre, School of Psychology, University of Birmingham, Birmingham, United Kingdom

84 WTh-PM

Interaction between prediction and attention in early visual cortex

Peter Kok, Dobromir Rahnev, Hakwan Lau, Floris de Lange, Radboud University Nijmegen, Donders Institute, Nijmegen, Netherlands

86 WTh-PM

Sleep Deprivation and Cortical Activity during Directed Attention in the Absence of Visual Stimuli

Michael Chee, Cindy Goh, Praneeth Namburi, Sabine Kastner, Duke-NUS Graduate Medical School, Singapore, Singapore

88 WTh-PM

An fMRI study on binding features within- and cross-dimension in conjunction search

Ping Wei, Hermann Mueller, Stefan Pollmann, Xiaolin Zhou, Department of Psychology, Capital Normal University, Beijing, China

90 WTh-PM

LFP phases reflect presence and attentional status of a visual stimulus

Eric Maris, Thilo Womelsdorf, Robert Desimone, Pascal Fries, Donders Institute for Brain, Cognition and Behavior, Nijmegen, Netherlands

92 WTh-PM

Right hemisphere dominance during stimulus-driven shifts of attention and target detection

Gordon Shulman, Daniel Pope, Serguei Astafiev, Mark McAvoy, Abraham Snyder, Maurizio Corbetta, Washington University School of Medicine, St. Louis, United States

94 WTh-PM

Event Related Synchronization and Desynchronization when Tracking Visible and Hidden Moving Objects

Alexis Makin, Ellen Poliakoff, Wael El-Dereedy, University of Manchester, Manchester, United Kingdom

1028 MT-PM

The role of attention and feedback in perceptual learning

Anja Stemme, Katharina Rosengarth, Ingo Keck, Gustavo Deco, Mark Greenlee, Elmar Lang, University of Regensburg, Innsbruck, Austria

98 WTh-PM

Superior parietal cortex links distractibility in everyday life and in attentional capture

Bahador Bahrami, Ryota Kanai, Mia Dong, Geraint Rees, University College London, London, United Kingdom

100 WTh-PM

Do increased blood glucose levels affect the processing of emotional stimuli?

Ewald Moser, Veronika Schoepf, Florian Ph.S Fischmeister, Christian Windischberger, Florian Gerstl, Karl Karlsson, Michael Wolzt, Center for Medical Physics and Biomedical Engineering, Medical University of Vienna, Vienna, Austria

102 WTh-PM

Functional connectivity in the visual cortex varies with RT in a covert spatial attention task

Jérôme Prado, Daniel Weissman, Northwestern University, Evanston, United States

104 WTh-PM

Causal implication of distinct brain rhythms in decoding of local versus global image content

Gregor Thut, Philippe Schyns, Jon Driver, Vincenzo Romei, University of Glasgow, Glasgow, United Kingdom

106 WTh-PM

Functional anatomy of visual extinction

Roza Umarova, Dorothee Saur, Christoph Kaller, Magnus-Sebastian Vry, Volkmar Glauche, Irina Mader, Cornelius Weiller, Department of Neurology, University Medical Center Freiburg, Freiburg, Germany

108 WTh-PM

Intrinsic EEG Oscillations Affect Visual Perception

Zarrar Shehzad, Ahmet Aktay, Marvin Chun, Gregory McCarthy, Yale University, New Haven, United States

110 WTh-PM

Spatio-Temporal Features of Hemispheric Dominance: sLORETA Analysis of Simultaneous EEG-fMRI

Hadas Okon-Singer, Guy Haiman, Ilana Podlipsky, Hillel Pratt, Talma Hendler, Tel Aviv Sourasky Medical Center, Tel-Aviv, Israel

112 WTh-PM

Cross-modal Distraction at the Pre-response and Response levels: Behavioural and Neural Evidence

Qi Chen, Xiaolin Zhou, Center for Studies of Psychological Application, South China Normal University, Guangzhou, China

114 WTh-PM

Maintenance of Inhibitory Bias in Frontal Eye Fields during Spatial Inhibition of Return

Lihui Wang, Xiaolin Zhou, Lei Mo, Qi Chen, Center for Studies of Psychological Application, South China Normal University, Guangzhou, China

116 WTh-PM

The neural correlate of incrementally raised expectations in RSVP streams studied with MEG

Sarah Mohammed, Klaus Kessler, Nienke Hoogenboom, CCNi, Dept of Psychology, University of Glasgow, Glasgow, United Kingdom

118 WTh-PM

“Assessing information processing speed using an adapted version of the SDMT”

Cristina Forn Frías, Antonio Belenguer, Ana SanJuan, M^a Antònia Parcet-Ibars, Noelia Ventura-Campos, César Ávila, Universitat Jaume I, Castellón, Spain

120 WTh-PM

Top-down control of visuo-spatial attention: A multimodal EEG and fMRI study

Riam Kansa, Mark Stokes, Ian Gould, Anna Christina Nobre, University of Oxford, Oxford, United Kingdom

122 WTh-PM

Consistent spatial patterns in visual word form area (VWFA) under different attention modulations

Zhi Yang, Guifang Xu, Xuchu Weng, Institute of Psychology, Chinese Academy of Sciences, Beijing, China

124 WTh-PM

Attentional fMRI study in Mexican police officers while executing the counting Stroop task

Juan Ortíz, Roberto Mercadillo, Sarael Alcauter, Fernando Barrios, Universidad Nacional Autónoma de México, QUERETARO, Mexico

126 WTh-PM

Brain oscillations predict illusory visual disappearance as observed in motion induced blindness

Barbara Haendel, Ole Jensen, Department of Cognitive Neuroscience, University Maastricht, Maastricht, Netherlands

128 WTh-PM

Individual Variability in Electrical Evoked Brain Activity to Faces and Polymorphism of 5HT2A Gene

Elena Mnatsakanian, Natalia Maluchenko, Alexander Tonevitsky, Inst. Higher Nervous Activity & Neurophysiology, Moscow, Russian Federation

130 WTh-PM*

Neural mechanisms of face selection in the context of (dis) similar faces identified by EEG and fMRI (O-W1)

Francesco Gentile, Bernadette Jansma, Faculty of Psychology and Neuroscience, Maastricht University, The Netherlands, Maastricht, Netherlands

132 WTh-PM

Cholinergic Effects in Visual Areas during Object and Spatial Working Memory Encoding: an fMRI study

Giacomo Handjaras, Emiliano Ricciardi, James Haxby, Pietro Pietrini, Maura Furey, Laboratory of Clinical Biochemistry and Molecular Biology, University of Pisa, Pisa, Italy

134 WTh-PM

Effects of IFJ-rTMS on frontal attention networks during a selective attention working memory task

James Chadick, Theodore Zanto, Adam Gazzaley, University of California San Francisco, San Francisco, United States

136 WTh-PM

The effects of reward associations during visual search: behavioural and neural correlates

Stephanie Baines, Bo-Cheng Kuo, Anna Christina Nobre, University of Oxford, Oxford, United Kingdom

138 WTh-PM

Lateral modulation of default mode network activity is associated with spatial attention

Johan Jansma, Jacco de Zwart, Maura Furey, Jeff Duyn, NIH, Bethesda, United States

140 WTh-PM

Exploring the electrophysiological properties of the default-mode network with intracerebral EEG

Karim Jerbi, Juan Vidal, Tomas Ossandon, Sarang Dalal, Julien Jung, Olivier Bertrand, Philippe Kahane, Jean-Philippe Lachaux, Inserm U821, Brain Dynamics and Cognition; Université Claude Bernard Lyon 1, LYON, France

142 WTh-PM

Electrophysiological consequences of dividing attention within and between sensory modalities

Paola Finola, Daniel Mitchell, Olaf Hauk, Vittorio Pizzella, John Duncan, I.T.A.B., Chieti, Italy

144 WTh-PM

Eyes-open and Eyes-closed Affect Alertness Network Regardless of Light: A Resting fMRI Study

Tun Jao, Ya-Chih Yu, I-Ning Tang, Jyh-Horng Chen, National Taiwan University, Taiwan, Taipei City, Taiwan, Republic of China

COGNITION AND ATTENTION

Cognitive Aging

146 WTh-PM

Neurotrophins and cerebral grey matter volume as mediators of exercise-induced cognitive improvement

Agnes Floel, Karsten Kruger, Caterina Breitenstein, Ruth Ruscheweyh, Department of Neurology, University Medicine Charite, Berlin, Germany

148 WTh-PM*

Age differences in callosal contributions to cognitive and motor performance (O-Th1)

Brett Fling, Patricia Reuter-Lorenz, Robert Welsh, Jeanne Langan, Rachael Seidler, University of Michigan, Ann Arbor, United States

150 WTh-PM

Withdrawn

152 WTh-PM

HRF Analysis of Age-related Decline of Brain Activation

Toshiharu Nakai, Epifanio Bagarinao, Makoto Miyakoshi, Chikako Nakai, Kayako Matsuo, NCGG, Ohbu, Japan

154 WTh-PM

White matter structural correlates of cognitive performance in the temporal lobe projections

Efrat Sasson, Ofer Pasternak, Tal Gonen, Glen Doniger, Yaniv Assaf, Tel Aviv University, Tel Aviv, Israel

156 WTh-PM

Role of Hippocampal Volume in Age-Related Activation Patterns in Subsequent Memory Paradigm

Kristen Kennedy, Karen Rodrigue, Andrew Hebrank, Gérard Bischof, Denise Park, University of Texas at Dallas, Dallas, United States

158 WTh-PM*

Age-Related Neural Changes in Remembering and Imagining

Donna Rose Addis, Daniel Schacter, Reece Roberts, Dept of Psychology, The University of Auckland, Auckland, New Zealand

160 WTh-PM

Age-related changes in right hippocampal volume, whole brain activity and context memory retrieval

Maria Natasha Rajah, Jens Pruessner, Cheryl Grady, McGill University, Montreal, Canada

162 WTh-PM

An ERP study in aging: focused, divided and modulated attention training effects

Chloe de Boysson, Sylvie Belleville, Jean-François Demonet, Centre de Recherche de l'Institut Universitaire de Montréal, Montréal, Canada

164 WTh-PM

Age-related differences in working memory processes

Susanne Karch, Gregor Leicht, Giegling Ina, Jürgen Lutz, Jörg Kunz, Moritz Buselmeier, Patric Hey, Lorenz Jäger, Thomas Meindl, Oliver Pogarell, Dan Rujescu, Christoph Mulert, Ludwig-Maximilians-University Munich, Munich, Germany

166 WTh-PM

Homocysteine, brain structural changes, and cognitive function in healthy Asian older adults

Lei Feng, Vivian Isaac, Sam Sim, Tze Pin Ng, Michael Chee, National University of Singapore, Singapore, Singapore

168 WTh-PM

Functional dedifferentiation and memory in ageing: Bayesian comparison of models of cortical coding

Alexa Morcom, Karl Friston, University of Edinburgh, Edinburgh, United Kingdom

170 WTh-PM

Midlife memory decline is associated with changes in white matter microstructure in late-life

Paul Borghesani, Kurt Weaver, Tara Madhyastha, Anne Richards, Elizabeth Aylward, Sherry Willis, University of Washington Medical Center, Seattle, United States

172 WTh-PM

Relationship between gait and brain structure in a large, elderly, population based sample

Richard Beare, Thanh Phan, Velandai Srikanth, Monash University, Melbourne, Australia

174 WTh-PM

Exercise-induced increased network connectivity in the elderly: walking improves brain efficiency

Ashley Morgan, Paul Laurienti, Mark Espeland, Walter Rejeski, Janine Jennings, Jeff Katula, Qawi Telesford, Crystal Vechlekar, Jonathan Burdette, Wake Forest University Health Sciences, Winston-Salem, United States

176 WTh-PM

Midlife Decline in Executive Function Associated with Premature Atrophy of Prefrontal White Matter

Elizabeth Aylward, Paul Borghesani, Kurt Weaver, Tara Madhyastha, Anne Richards, Rachel Ellenbogen, Warner Schaie, Sherry Willis, Seattle Children's Research Institute, Seattle, United States

178 WTh-PM

Age-related Changes in Surface Morphology of the Central Sulcus

Yong He, Mingrui Xia, Shuyu Li, Xiaobo Li, Fang Pu, Deyu Li, Haijun Niu, Yubo Fan, Yong He, State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, China, 10087, Beijing, China

180 WTh-PM

Adapting to Changed Reward Contingencies in Healthy Old Adults: Alterations in Neural Activity

Andrea King, Julia Linke, Achim Gass, Michael Hennerici, Michèle Wessa, Central Institute of Mental Health, Mannheim, Germany

182 WTh-PM

Task-dependent and Task-independent Age-related Effects: A New Quantitative Meta-analytic Approach

Manuela Berlinger, Isabella Cattinelli, Debora Traficante, Alberto Borghese, Gabriella Bottini, ERALDO PAULESU, University of Milano Bicocca, Milan, Italy

184 WTh-PM

Cerebral small-vessel disease and working memory in Mild Cognitive Impairment: functional MRI study

Janne Papma, Marion Smits, Inge de Koning, Francesco Mattace Raso, Aad van der Lugt, Peter Koudstaal, Niels Prins, Erasmus MC, Rotterdam, Netherlands

186 WTh-PM

Neural correlates of emotional distractibility in healthy aging

Stefanie Brassen, Christian Büchel, NeuroimageNord, Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf, Hamburg, Germany

188 WTh-PM

Age-related Changes in Task-relevant Functional and Structural Connectivity

Simon Davis, Jared Stokes, James Kragel, Roberto Cabeza, Duke University, Durham, United States

190 WTh-PM

Anatomical, in vivo imaging of the human fornix using diffusion based tractography

David Chen, Harish Sharma, Mojgan Hodaie, Toronto Western Hospital, Toronto, Canada

192 WTh-PM

Attention to affective stimuli abolishes age-related susceptibility to unattended information

Taylor Schmitz, Matt Dixon, Adam Anderson, Eve De Rosa, University of Toronto, Toronto, Canada

194 WTh-PM

Load Dependent Posterior Anterior Shift In Aging for letter name identity processing

Jennyfer Ansado, Oury Monchi, Nourane Ennabil, Yves Joannette, UdeM-CRIUGM, Montréal, Qc, Canada

196 WTh-PM*

Age Related Cognitive Changes and Subcortical Structural Connections Between Resting State Networks (O-W3)

Martin Ystad, Steinunn Adolfsdottir, Erlend Hodneland, Astri Lundervold, Tom Eichele, Arvid Lundervold, University of Bergen, Bergen, Norway

198 WTh-PM

Do Cortical Changes predict behavioural changes in Normal aging ?

Jim Nikelski, Chertkow Howard, Alan Evans, McGill University, Montréal, Canada

COGNITION AND ATTENTION

Cognitive Development

200 WTh-PM

Age-dependent brain activation involved with foreign language sound imitation: an fMRI study

Hiroshi Hashizume, Yasuyuki Taki, Yuko Sassa, Michiko Asano, Kohei Asano, Hikaru Takeuchi, Hyeonjeong Jeong, Motoaki Sugiura, Ryuta Kawashima, IDAC, Tohoku University, Sendai, Japan

202 WTh-PM

Whole-brain functional connectivity and grey matter volume in children and young adults

Dietsje D. Jolles, Mark A. van Buchem, Eveline A. Crone, Serge A.R.B. Rombouts, Leiden University, Leiden, Netherlands

204 WTh-PM

Academic learning in the developing brain: fMRI meta-analyses on numerical abilities and reading

Sandrine Rossi, Amélie Lubin, Marc Joliot, Olivier Houdé, CINAPS, CNRS, CEA, Caen and Paris Descartes Universities, Caen, France

206 WTh-PM

Processing of metric deviance in music by experts and laymen revealed by ERP source imaging

Clara James, Christoph Michel, Juliane Britz, Patrik Vuilleumier, Claude-Alain Hauert, FPSE, University of Geneva, Geneva, Switzerland

208 WTh-PM*

Developmental differences in brain activation can be reduced after practice (0-T5)

Dietsje D. Jolles, Mark A. van Buchem, Serge A.R.B. Rombouts, Eveline A. Crone, Leiden University, Leiden, Netherlands

210 WTh-PM

Neural correlates of individual differences in reinforcement learning

Wouter van den Bos, Mike Cohen, Eveline A. Crone, Leiden Universiteit, Leiden, Netherlands

212 WTh-PM

Optimal stimulus presentation designs for an fMRI study on exact non-symbolic addition in children

Helga Krinzinger, Jan Koten, Kerstin Konrad, Klaus Willmes, RWTH Aachen University, Aachen, Germany

214 WTh-PM

Neurocognitive development of performance monitoring: a longitudinal fMRI study

P. Cédric Koolschijn, Margot Schel, S.A.R.B. Rombouts, Eveline Crone, Inst of Psychology; Brain&Development Lab, Leiden Institute for Brain & Cognition, Leiden University, Leiden, Netherlands

216 WTh-PM

Prefrontal lobe volume correlates with social cognition: Differences in left- and right-handers

Joanne Powell, Graham Kemp, Marta García-Fiñana, University of Liverpool, Liverpool, United Kingdom

218 WTh-PM

The development of object processing in the dorsal and ventral stream

Tessa Dekker, Martin Sereno, Mark Johnson, Denis Mareschal, Birkbeck, University of London, London, United Kingdom

220 WTh-PM

Effects of age and sex on developmental neural networks of visual-spatial attention allocation

Katya Rubia, Zoe Hyde, Rozmin Halari, Vincent Giampietro, Anna Smith, Institute of Psychiatry, London, United Kingdom

222 WTh-PM

The Regional Specificity and Task Dependence of Brain Signal Complexity in Human Development

Bratislav Misic, Travis Mills, Margot Taylor, Anthony McIntosh, Rotman Research Institute, Baycrest Centre, Toronto, Canada

224 WTh-PM

Orthographic and phonological similarity influence cross-modal lexicality effects in children

Chris McNorgan, Amy Desroches, Jennifer Minas, James Booth, Northwestern University, Evanston, United States

226 WTh-PM

Neural Bases of the Development of Relational Memory

Ozgun Guler, Kathleen Thomas, University of Minnesota, Minneapolis, United States

228 WTh-PM

Maturation of Pathways Involved in Cognitive Control : Evidence from Combined fMRI and DTI Analysis

Kaustubh Supekar, Lucina Uddin, Srikanth Ryali, Vinod Menon, Stanford University School of Medicine, Stanford, United States

230 WTh-PM

Auditory brain responses in fetuses to amplitude-modulated tones using fMEG

Rossitza Draganova, Rathinaswamy Govindan, Erick Ortiz, Hari Eswaran, Isabelle Kiefer, Hubert Preissl, MEG Center, Tuebingen, Germany

232 WTh-PM

Specialization of Processing Networks for Reading Disabled and Twice Exceptional Individuals

Olumide Olulade, Jeffrey Gilger, George Hynd, Thomas Talavage, Purdue University, West Lafayette, United States

234 WTh-PM

Maturing Homotopic Resting-State Functional Connectivity

Xi-Nian Zuo, Clare Kelly, Maarten Mennes, Adriana Di Martino, Saroja Bangaru, Daniel Margulies, Yu-Feng Zang, F. Xavier Castellanos, Michael Milham, Phyllis Green and Randolph C wen Institute for Pediatric Neuroscience at the NYU Child Study Center, New York, United States

236 WTh-PM

Brain Morphometry and Executive Function in Children Born High Birth Weight

Sara Langworthy, Sara Van Den Heuvel, Ruskin Hunt, Michael Georgieff, Charles Nelson, Kathleen Thomas, University of Minnesota, Minneapolis, United States

238 WTh-PM

An fMRI Study of Learning and Cognitive Control in Post-Institutionalized Youth

Raquel Gabbitas, Ruskin Hunt, Megan Gunnar, Kathleen Thomas, University of Minnesota, Minneapolis, United States

240 WTh-PM

A Characterization of the Hemodynamic Response to Faces in Infants Using Near-Infrared Spectroscopy

Sharon Fox, Jennifer Wagner, Rhiannon Luyster, Charles Nelson, Harvard-MIT Division of Health Science and Technology, Boston, United States

242 WTh-PM

Developmental Differences Between Adolescents and Adults During Temporal Information Processing

Laura Jelsone-Swain, Ben Davis, Leo Bonilha, Gordon Baylis, University of Michigan, Ann Arbor, United States

DISORDERS OF THE NERVOUS SYSTEM

Addiction

244 WTh-PM

Motor Deficits of Adolescent Marijuana Users

Jadwiga Rogowska, Deborah Yurgelun-Todd, Melissa Lopez-Larson, McLean Hospital/Harvard Medical School, Belmont, United States

246 WTh-PM

Cue-induced brain activation mediates subsequent relapse in abstinent alcoholics

Anne Beck, Jana Wrase, Florian Schlagenhauf, Torsten Wüstenberg, Sabine Vollstädt-Klein, Derik Hermann, Michael Smolka, Matthias Ruf, Wolfgang Weber-Fahr, Herta Flor, Karl Mann, Dieter Braus, Andreas Heinz, Charité-Universitätsmedizin Berlin; Dept. of Psychiatry and Psychotherapy, Berlin, Germany

248 WTh-PM*

Variation in rates of nicotine metabolism is a predictor of neural reactivity to smoking cues (O-T2)

Deborah Tang, Margaret Mroziowicz, Brian Hello, Lesley Fellows, Rachel Tyndale, Alain Dagher, McGill University, Montreal, Canada

250 WTh-PM

Altered Activity in the Ventromedial Prefrontal Cortex in Individuals with Alcohol Dependence

Dongju Seo, Cheryl Lacadie, Keri Bergquist, Rajita Sinha, Yale University School of Medicine, New Haven, United States

252 WTh-PM

Medial prefrontal grey matter density reductions in users of amphetamine-type stimulants revealed by combined tract-based spatial statistics and optimized voxel-based morphometry

Jörg Daumann, Philip Koester, Benjaminm Becker, Daniel Wagner, Davide Imperati, Euphrosyne Gouzoulis-Mayfrank, Marc Tittgemeyer, University of Cologne, Cologne, Germany

254 WTh-PM

Utilization of Translational Imaging Methods to Explore Nicotine Sensitization

Joseph DiFranza, Gregg DiGirolamo, Wei Huang, Nanyin Zhang, Jean King, University of Massachusetts Med School, Worcester, United States

256 WTh-PM

Severity of pathological gambling modulates the incentive value of monetary reward

Mira Bühler, Tagrid Lemenager, Sabine Vollstädt-Klein, Nina Kämmerer, Karl Mann, Central Institute of Mental Health, Mannheim, Germany

258 WTh-PM

The effects of familial alcoholism on brain volume of non-alcoholics: A VBM study

Zsuzsika Sjoerds, Marie-José van Tol, Wim van den Brink, Brenda Penninx, Nic van der Wee, Mark van Buchem, André Aleman, Dick Veltman, VU University Medical Centre, Department of Psychiatry, Amsterdam, Netherlands

260 WTh-PM

Altered Prefrontal-Amygdala Structural Connectivity in Adolescents Prenatally Exposed to Cocaine

Priya Santhanam, Zhihao Li, Longchuan Li, Claire Coles, Mary Ellen Lynch, Xiaoping Hu, The University of Chicago, Chicago, United States

262 WTh-PM

N-acetylcysteine changes glutamate levels in cocaine dependent subjects: an open label ¹H MRS study

Lianne Schmaal, Anne Goudriaan, Wim van den Brink, Dick Veltman, Academic Medical Center Amsterdam, University of Amsterdam, Amsterdam, Netherlands

264 WTh-PM

Severity of cocaine use influences brain activity elicited by cocaine-related cues

Laura Moreno-López, Emmanuel Stamatakis, María José Fernández-Serrano, Miguel Pérez-García, Antonio Verdejo-García, Universidad de Granada, Granada, Spain

266 WTh-PM

Clamped Alcohol's Effect on Cerebral Blood Flow

David Kareken, Mario Dzemidzic, Yang Wang, Thomas Talavage, Veronique Bragulat, Sean O'Connor, Indiana University, Indianapolis, United States

268 WTh-PM

Feasibility of Real-Time fMRI Neurofeedback as a Behavioral Intervention for Nicotine Dependence

Luke Stoeckel, Xiaoqian Chai, Oliver Hinds, Todd Thompson, Priscilla Sinclair, Gabrieli John, Susan Whitfield-Gabrieli, A. Eden Evins, Center for Addiction Medicine, MGH and Harvard Medical School, Boston, United States

270 WTh-PM

Resiliency modulates working memory via the subthalamic nucleus: A pathway for flexible adaptation

Barbara Weiland, Robert Welsh, Joel Nigg, Ashley Chen, Wendy Yau, Jon-Kar Zubieta, Robert Zucker, Mary Heitzeg, University of Michigan, Ann Arbor, United States

272 WTh-PM

Effects of Alcoholism and Continued Abstinence on Brain Volumes in Both Genders

Traute Demirakca, Gabriele Ende, Nina Kaemmerer, Matthias Ruf, Derik Hermann, Andreas Heinz, Karl Mann, Central Institute of Mental Health, Mannheim, Germany

274 WTh-PM

Alteration in Gray Matter Volume and White Matter Anisotropy of the Methamphetamine Exposed People

Min-Hee Um, Maeng-Keun Oh, Ji-Won Chun, Dai-Jin Kim, Jae-Jin Kim, Hae-Jeong Park, BK21 Project for Medical Science, Yonsei University College of Medicine, Seoul, Korea, Republic of

276 WTh-PM

The Effect of Long-Term, Regular Cannabis Use on Neural Systems Mediating Cognitive Control

Ian Harding, Nadia Solowij, Dan Lubman, Marc Seal, Michael Takagi, Valentina Lorenzetti, Christos Pantelis, Murat Yücel, University of Melbourne, Melbourne, Australia

278 WTh-PM

Functional changes related with anticipation and reactivity to erotic stimulus in cocaine dependence

Juan Carlos Bustamante, Alfonso Barrós-Loscertales, Noelia Ventura-Campos, Victor Costumero, Juanjo Llopis, Vicente Belloch-Ugarte, César Avila, Universitat Jaume I, Castellón, Spain

280 WTh-PM

Reduced cortical thickness in abstinent alcoholics and association with alcoholic behavior

Catherine Fortier, Elizabeth Leritz, David Salat, Jonathan Venne, Arkadiy Maksimovskiy, Victoria Williams, William Milberg, Regina McGlinchey, Geriatric Research, Education, and Clinical Center, VA Boston Healthcare System/Harvard Med School, Boston, United States

282 WTh-PM

Rapid recovery of alcohol associated brain changes in abstinent alcohol-dependent patients

Martina Kirsch, Sabine Vollstädt-Klein, Anne Richter, Traute Demirakca, Falk Kiefer, Central Institute of Mental Health, Mannheim, Germany

284 WTh-PM

Imaging and Behavioral Studies of Reward Circuitry in Models of Stimulant Abuse

Ji-Kyung Choi, Grewo Lim, Bruce Jenkins, MGH and HMS, Charlestown, United States

286 WTh-PM

Cocaine Abuse Reduces Interhemispheric Functional Connectivity Related to Attentional Control

Clare Kelly, Kristin Gotimer, Xi-Nian Zuo, Christine Cox, Devika Jutagir, Lauren Lynch, Dylan Brock, John Rotrosen, F. Xavier Castellanos, Michael Milham, Phyllis Green and Randolph C wen Institute for Pediatric Neuroscience at the NYU Child Study Center, New York, United States

288 WTh-PM*

Ventral Striatal Response to Incentive Stimuli Anticipation in Children of Alcoholics (0-T4)

Wai-Ying Wendy Yau, Jon-Kar Zubieta, Barbara Weiland, Robert Zucker, Mary Heitzeg, University of Michigan, Ann Arbor, United States

290 WTh-PM

Regular Marijuana Use Blunts the Amygdala Response to Facial Cues of Threat

Rebecca McNamee, Amy Byrd, Julianna Priola, Dustin Pardini, University of Pittsburgh Medical Center, Pittsburgh, United States

292 WTh-PM

Semantic Processing in Abstinent MDMA Users and In Users after MDMA Dosing

Ronald Herning, Pradeep Kurup, Thomas Ross, David Darwin, Erin Kilbrich-Spago, Robert Goodwin, Elliot Stein, Marilyn Huestis, NIDA/IRP, Baltimore, United States

294 WTh-PM

fMRI differences in cocaine dependent polysubstance abusing subjects viewing beautiful faces

Oliver Hinds, Sang Lee, Byoung Woo Kim, Myung Joo Lee, Nikos Makris, Andre van der Kouwe, John Marota, Jianren Mao, Anne Blood, Hans Breiter, MIT, Cambridge, United States

296 WTh-PM

Effects of Gender on fMRI Stroop in Cocaine Dependence versus Pathological Gambling

Elise DeVito, Patrick Worhunsky, Kathleen Carroll, Bruce Rounsaville, Marc Potenza, Yale University, New Haven, United States

298 WTh-PM

Modulating “crave” and “don’t crave” brain states with real-time fMRI neurofeedback in smokers

Pearl Chiu, Jonathan Lisinski, Brooks King-Casas, James Sharp, David Eagleman, Francesco Versace, Paul Cinciripini, Stephen LaConte, Baylor College of Medicine, Houston, United States

300 WTh-PM

Nicotine self-control challenge: Neural activation associated with self-control success and failure

Louise Cosand, Xochitl Cordova, Jodi Stone, Katherine Reyes, Shan Luo, George Ainslie, John Monterosso, University of Southern California, Los Angeles, United States

DISORDERS OF THE NERVOUS SYSTEM

Alzheimer and Dementia

302 WTh-PM

White matter integrity in mild cognitive impairment: A tract-based spatial statistics study

Lin Zhuang, Wei Wen, Julian Trollor, Nicole Kochan, John Crawford, Henry Brodaty, Perminder Sachdev, The University of New South Wales, Sydney, Australia

304 WTh-PM

Gray Matter Atrophy of Basal Forebrain and Hippocampus in Mild Cognitive Impairment

Haobo Zhang, Julian Trollor, wei wen, Wanlin Zhu, John Crawford, Nicole Kochan, Karen Mather, Henry Brodaty, Simone Reppermund, Kristan Kang, Melissa Slavin, Perminder Sachdev, University of New South Wales, Sydney, NSW, Australia

306 WTh-PM

Early white matter alterations in men predisposed to FXTAS revealed by MT imaging

Eleonora Fornari, Giovanni Battistella, Philippe Maeder, Julien Niederhauser, Aline Gronchi, Nathalie Isidor, François Vingerhoets, Sebastien Jacquemont, Radiology Dept., Centre Hospitalier Universitaire Vaudois and University of Lausanne, Lausanne, Switzerland

308 WTh-PM

Multimodal imaging using FDG-PET and MRI improves understanding and detection of dementia

Juergen Dukart, Karsten Mueller, Annette Horstmann, Henryk Barthel, Harald Möller, Arno Villringer, Osama Sabri, Matthias Schroeter, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

310 WTh-PM

DTI reveals white-matter abnormalities in primary progressive aphasia

Graeme Schwindt, Naida Graham, Elizabeth Rochon, David Tang-Wai, Sandra Black, University of Toronto, Toronto, Canada

312 WTh-PM

Local Nonlinear Behaviors of DT-MRI Signal Intensities in Patients with AD and MCI

Geon-Ho Jahng, Songfan Xu, Micheal Weiner, East West Neo Medical Center of Kyung Hee University, Seoul, Korea, Republic of

314 WTh-PM

Mapping the Distribution of Local Background Gradients Using DTI in Patients with AD and MCI

Geon-Ho Jahng, Songfan Xu, Micheal Weiner, Norbert Schuff, East West Neo Medical Center of Kyung Hee University, Seoul, Korea, Republic of

316 WTh-PM

Functional connectivity in patients with dementia assessed by resting state fMRI and EEG

Meindl Thomas, Daniel Keeser, Oliver Pogarell, Maximilian Reiser, Stefan Teipel, University Munich, Munich, Germany

318 WTh-PM

Quantification Of Normal Brain Aging Using Deformable Registration

Leonid Teverovskiy, James Becker, Howard Aizenstein, Owen Carmichael, Carolyn Meltzer, Steven DeKosky, Lewis Kuller, Oscar Lopez, Paul Thompson, Yanxi Liu, CMU, Pittsburgh, United States

320 WTh-PM

SURFACE BASED MEAN DIFFUSIVITY ANALYSIS IN ALZHEIMER'S DISEASE

Ohhun Kwon, Jong-Min Lee, Hanyang University, Seoul, Korea, Republic of

322 WTh-PM

Fractal dimension changes in the grey matter of the normal aging brain and in Alzheimer disease

Francisco J. Esteban, Pablo Villoslada, Juan Ruiz de Miras, Nieves Vélez de Mendizábal, Juan Navas, Joaquín Goñi, Jorge Sepulcre, University of Jaén, Jaén, Spain

324 WTh-PM

Frequency-Dependent Changes in Resting-State Brain Activity in Amnesic Mild Cognitive Impairment

Ying Han, Ying Han, Jinhui Wang, Zhilian Zhao, Peiyan Zhan, Ruiwang Huang, Jun Wang, Jie Lu, Yi Tang, Haiqing Song, Changbiao Chu, Kuncheng Li, Yong He, Jianping Jia, Department of Neurology, Xuanwu Hospital, Capital Medical University, Beijing, China, 100053, Beijing, China

326 WTh-PM

An fMRI study comparing mild cognitive impairment patients and healthy adults using a 2back working

Christian Siedentopf, Anja Ischebeck, Florian Koppelstaetter, Ilka Haala, Michael Verius, Weiss Elisabeth, Bernd Joachim Krause, Medical University Innsbruck, Innsbruck, Austria

328 WTh-PM

The Functional Neuroanatomy of Executive Functioning in the MCI continuum

Francis Clement, Sylvie Belleville, Samira Mellah, Serge Gauthier, Centre de Recherche de l'Institut de Gériatrie de Montréal, Montreal, Canada

330 WTh-PM

Quantitative Analysis of Subcortical Vascular Cognitive Impairment using Simultaneous NIRS and fMRI

Sungho Tak, Soo Jin Yoon, Yong Jeong, Jong Chul Ye, Department of Bio and Brain Engineering, KAIST, Daejeon, Korea, Republic of

332 WTh-PM

Clinicoanatomical correlations of grammar and comprehension in primary progressive aphasia

Emily Rogalski, Derin Cobia, Sandra Weintraub, Marsel Mesulam, Northwestern University, Chicago, United States

334 WTh-PM

WM tracts changes in Alzheimer's disease and their association with GM atrophy

Michela Pievani, Federica Agosta, Giovanni Battista Frisoni, Elisabetta Pagani, Cristina Geroldi, Massimo Filippi, Scientific Institute and University Hospital San Raffaele, Milan, Italy

336 WTh-PM

WM Microstructure Correlates of A β 1-42, Tau and P-Tau CSF Levels in Elderly Controls, MCI and AD

Ricarda Menke, Gwenaëlle Douaud, Achim Gass, Andreas Monsch, Anil Rao, Brandon Whitchoer, Paul Matthews, Stephen Smith, FMRIB Centre, University of Oxford, Oxford, United Kingdom

338 WTh-PM

Decreased Medial Temporal GABA-A Binding on 11C-flumazenil PET in Early Alzheimer Disease

Belen Pascual, Elena Prieto, Josep Marti-Climent, Javier Arbizu, Joseph Masdeu, Massachusetts General Hospital, Boston, United States

340 WTh-PM

In-vitro Metabolite measurements variability induced by relaxation rates changes

Virginia Mato Abad, Juan A. Hernández-Tamames, Roberto García-Álvarez, Milagros Ramos, Eva Alfayate Sáez, Javier González-Zabaleta, Juan Alvarez-Linera, Javier Pereira Loureiro, Centro IMEDIR (Informática Médica y Diagnostico Radiológico), A Coruña, Spain

342 WTh-PM

Prodromal and early Alzheimer's: Alteration of association pathways, sparing of motor pathways

Gwenaëlle Douaud, Saad Jbabdi, Timothy Behrens, Ricarda Menke, Achim Gass, Andreas Monsch, Anil Rao, Brandon Whitchoer, Gordon Kindlmann, Paul Matthews, Stephen Smith, FMRIB Centre, University of Oxford, Oxford, United Kingdom

344 WTh-PM

DTI TBSS Detects Specific Patterns of CNS Injury with Progression of Cognitive Impairment in HIV

Tong Zhu, Jianhui Zhong, Wei Tian, Michelle Gaugh, Sven Ekholm, Constantin Yiannoutsos, Jaroslaw Harezlak, Ronald Cohen, Hernando Ombao, Bradford Navia, Giovanni Schifitto, University of Rochester, Rochester, United States

346 WTh-PM

Alzheimer's disease early diagnosis: automatic tools for a combined MRI&PET analysis

Andrea Chincarini, Sandro Squarcia, Mirko Corosu, Luca Rei, Maria Penco, Flavio Nobili, Cesare Ovando, Gianluca Gemme, INFN, Genova, Italy

348 WTh-PM

Myelin and Axonal Alterations in Normal Individuals at High Risk for Alzheimer's Disease

Brian Gold, David Powell, Anders Andersen, Charles Smith, University of Kentucky, Lexington, United States

350 WTh-PM

APOE, memory, and brain imaging – a longitudinal fMRI study

Johanna Lind, Jonas Persson, Lars-Göran Nilsson, Lars Nyberg, University of Oslo and Stockholm University, Stockholm, Sweden

352 WTh-PM

Trial to reduce the BPSD by the functional localization of the cerebral cortex

Masaharu Hatano, Emiko Ban, Yokohama Welfare Institute, Yokohama, Japan

354 WTh-PM

Sex and Age Differences in Brain Atrophic Rates: An ADNI Study with N=1368 MRI Scans

Xue Hua, Derrek Hibar, Suh Lee, Arthur Toga, Clifford Jack Jr., Michael Weiner, Paul Thompson, Laboratory of Neuro Imaging, Dept. of Neurology, UCLA School of Medicine, Los Angeles, United States

356 WTh-PM

Boosting power for clinical trials using classifiers based on multiple biomarkers

Omid Kohannim, Xue Hua, Derrek Hibar, Suh Lee, YIYU CHOU, Arthur Toga, Clifford R. Jack Jr, Michael Weiner, Paul Thompson, UCLA, Los Angeles, United States

358 WTh-PM

Interaction between ApoE genotype and environment stimulation studied with Diffusion Tensor Imaging

Tamar Blumenfeld-Katzir, Danny Michaelson, Yaniv Assaf, Tel Aviv University, Tel Aviv, Israel

360 WTh-PM

Power estimates for MRI-based Alzheimer's disease clinical trials with different scan intervals

Xue Hua, Suh Lee, Derrek Hibar, Igor Yanovsky, Alex Leow, Arthur Toga, Clifford Jack, Matt Bernstein, Eric Reiman, Danielle Harvey, John Kornak, Norbert Schuff, Gene Alexander, Michael Weiner, Paul Thompson, Laboratory of Neuro Imaging, Dept. of Neurology, UCLA School of Medicine, Los Angeles, United States

362 WTh-PM

A Longitudinal Study of the Change in Cortical Thinning Patterns in Mild Alzheimer's Disease

Sook Hui Kim, Seol-Heui Han, Duk L. Na, Sue J Kang, Sang Won Seo, Sung Tae Kim, Hyun-Jung Ahn, Hyun Ji Kwon, Seun Jeon, Kiho Im, Lee Jong-Min, Konkuk University Hospital, Seoul, Korea, Republic of

364 WTh-PM

Changes in rCBF decline in Alzheimer's Disease patients receiving Methylnium Chloride

Roger Staff, Trevor Ahearn, Alison Murray, Peter Bentham, Claude Wischik, Aberdeen Royal Infirmary, Aberdeen, United Kingdom

366 WTh-PM

Prefrontal-parietal activity as compensational mechanism in Alzheimer's disease default mode network

Jungho Cha, Jong-Min Lee, Department of Biomedical Engineering, Hanyang University, Seoul, Korea, Republic of

368 WTh-PM

White matter integrity and cognitive reserve in healthy elders, a-MCI and AD

Eider M. Arenaza-Urquijo, Beatriz Bosch, Roser Sala-Llonch, Cristina Solé-Padullés, Carme Junque, Davinia Fernández-Espejo, Nuria Bargallo, Lorena Rami, José-Luis Molinuevo, David Bartrés-Faz, University of Barcelona, Barcelona, Spain

370 WTh-PM

Changes of Hippocampal Networks in Patients with Mild Cognitive Impairment and Alzheimer's disease

William Sohn, Kwangsun Yoo, Duk Na, Yong Jeong, KAIST, Daejeon, Korea, Republic of

372 WTh-PM

Influence of an emotional content and context on memorization in mild Alzheimer's disease

Margaux Perrin, Marie-Anne Hénaff, Catherine Padovan, Isabelle Faillenot, Adrien Merville, Pierre Krolak-Salmon, Inserm, Lyon, France

374 WTh-PM

Medial temporal cortical thinning in MCI predicts lower memory scores two years later

Alison Burggren, Laurel Martin-Harris, Nanthia Suthana, Markus Donix, Michael Jones, Brian Renner, Linda Ercoli, Karen Miller, Prabha Siddarth, Gary Small, Susan Bookheimer, UCLA Cognitive Neurosciences, Los Angeles, United States

376 WTh-PM

Alterations in Temporal and Limbic Gray Matter/White Matter Tissue Contrast In Alzheimer's Disease

David Salat, Christina Onorato, André van der Kouwe, Douglas Greve, Bruce Fischl, Randy L. Buckner, H. Diana Rosas, MGH, Charlestown, United States

378 WTh-PM

Divergent network connectivity changes in behavioral variant frontotemporal dementia and AD

Juan Zhou, Bruce Miller, Michael Greicius, Efstathios Gennatas, Matthew Growdon, Jung Jang, Gil Rabinovici, Joel Kramer, Michael Weiner, William Seeley, University of California, San Francisco, San Francisco, United States

380 WTh-PM

Factors Contributing to Global Amyloid Plaque and Tau NF Tangle Deposition Measured with [18F]FDNP

Laurel Martin-Harris, Alison Burggren, Markus Donix, Tara Pirnia, Jesse Brown, Jeanne Kim, Karen Miller, Gary Small, Vladimir Kepe, Jorge Barrio, Susan Bookheimer, University of California, Los Angeles, Los Angeles, United States

382 WTh-PM

Progressive Brain Atrophy in Chronic HIV Infection: Longitudinal Analysis of the HIVNC Cohort Study

David Tate, Jaroslaw Harezlak, Jared Price, Jeffrey Dewey, Constantin Yiannoutsos, Thomas Campbell, Eric Daar, Deborah McMahon, Giovanni Schifitto, Jianhui Zhong, Michael Taylor, Elysse Singer, Yuen Tso, Jeffrey Alger, Mark Brown, Ronald Cohen, Bradford Navia, Brigham and Women's Hospital/Harvard Medical School, Boston, United States

384 WTh-PM

Amyloid Deposition in Relation to Brain Atrophy in Aging and Alzheimer's Disease

John Alex Becker, Jeremy Carmasin, Jacqueline Maye, Dorene Rentz, Trey Hedden, Deepti Putcha, Bruce Fischl, Douglas Greve, Gad Marshall, Randy L. Buckner, Reisa Sperling, Keith Johnson, Massachusetts General Hospital, Boston, United States

386 WTh-PM

Relevance of white matter hyper-perfusion and metabolism for disease pathogenesis

Amy Ramage, Douglas Williamson, Robin Brey, Peter Fox, University of Texas Health Science Center at San Antonio, San Antonio, United States

388 WTh-PM

Structural and functional correlates of Cognitive Reserve in a visuo-perceptive network among a-MCI

Roser Sala-Llonch, Beatriz Bosch, Eider M. Arenaza-Urquijo, Lorena Rami, Carme Junque, Nuria Bargallo, José-Luis Molinuevo, David Bartrés-Faz, University of Barcelona, Barcelona, Spain

390 WTh-PM

Impact of cognitive decline on longitudinal change in fMRI in elders at risk for Alzheimer's Disease

Sally Durgerian, John Woodard, Michael Seidenberg, Kristy Nielson, Piero Antuono, Alissa Butts, Melissa Lancaster, Nathan Hantke, Leslie Guidotti, Steven Rao, Medical College of Wisconsin, Milwaukee, United States

DISORDERS OF THE NERVOUS SYSTEM

Autism

392 WTh-PM

The Relationship Between Cortical Thickness and the Efficiency of Attentional Networks in Autism

Jansyn Spradling, Brandon Keehn, Ralph-Axel Müller, San Diego State University, San Diego, United States

394 WTh-PM

Atypical Cortical Mechanism of Pain Empathy in Persons with Autism Spectrum Disorders: An fMRI study

Yang-teng Fan, Jean Decety, Ching-Po Lin, Yawei Cheng, Institute of Neuroscience, National Yang-Ming University, Taipei, Taiwan, Republic of China

396 WTh-PM

White Matter Abnormalities Related to Complex Language Functions in Autism Spectrum Disorder

Yi-Huan Wu, Yu-Chun Lo, Susan Shur-Fen Gau, Wen-Yih Isaac Tseng, School of Medicine, National Taiwan University College of Medicine, Taipei, Taiwan, Republic of China

398 WTh-PM

Autistic traits and brain activation during face-to-face conversations

Masashi Suda, Yuichi Takei, Yoshiyuki Aoyama, Kosuke Narita, Noriko Sakurai, Masato Fukuda, Masahiko Mikuni, Gunma University Graduate School of Medicine, Maebashi, Japan

400 WTh-PM

Orbitofrontal morphology alters in participants with autism-spectrum disorder

Goultchira Chakirova, William Moorhead, Andrew Stanfield, Ruth Philip, Killian Welch, Verity Brown, Jeremy Hall, Stephen Lawrie, Eve Johnstone, Andrew McIntosh, University of Edinburgh, Edinburgh, United Kingdom

402 WTh-PM

Social Brain Abnormalities in Very Young Children with Autism

Anne Bargiacchi, Claire Amiet, Nathalie Boddart, Nadia Chabane, Edoard Duchesnay, Laurence Laurier, Francis Brunelle, Monica Zilbovicius, INSERM, Paris, France

404 WTh-PM

Brain correlates of visual automatic stimulus-change detection in autism

Marie Gomot, Helen Cléry, Frédéric Andersson, Catherine Fischer, Bruno Wicker, Pierre Fonlupt, INSERM U930, Tours, France

406 WTh-PM

Neural systems underlying the cognitive reappraisal of disgust in children with autism

Naomi Pitskel, Danielle Bolling, Michael Crowley, Kevin Pelphrey, Yale Child Study Center, New Haven, United States

408 WTh-PM

Altered patterns of antagonism between task positive and task negative networks in autism

Pablo Barttfeld, Mariano Sigman, Sebastian Cukier, Silvana Navarta, Jorge Calvar, Ramon Leiguarda, Bruno Wicker, University of Buenos Aires, Buenos Aires, Argentina

410 WTh-PM

Brain Network Alterations in Autism Identified Using Resting-State Functional Connectivity

Debra Gusnard, Abraham Snyder, Alexandre Todorov, Russ Hornbeck, Amelia Gerke, John Constantino, Washington University School of Medicine, Saint Louis, United States

412 WTh-PM

Atypical Brain Responses during Arithmetic Problem Solving in Children with Autism

Miriam Rosenberg-Lee, Amirah Khouzam, Maria Barth, Jennifer Phillips, Antonio Hardan, Lucina Uddin, Vinod Menon, Stanford University, Stanford, United States

414 WTh-PM

Auditory steady-state gamma band power in first-degree relatives of children with autism

Don Rojas, Erin Slason, Lisa Wilson, Peter Teale, Katie Youngpeter, Susan Hepburn, University of Colorado Denver, Aurora, United States

416 WTh-PM

White Matter Abnormalities in High-functioning Boys with Autism Spectrum Disorders

Keun-Ah Cheon, Sung-Yeon Park, Se-Hong Oh, Young-Shin Kim, Hyo-Woon Yoon, Aarti Nair, John Herrington, Young-Bo Kim, Robert Schultz, F. Xavier Castellanos, Zang-Hee Cho, University of Pennsylvania School of Medicine, Kwandong University College of Medicine, Kyunggi, Korea, Republic of

418 WTh-PM

Distinct configural processing networks reveal differences in biological motion processing in ASD

Lawrie McKay, Phil McAleer, David Simmons, Dominic Marjoram, Judith Piggot, Frank Pollick, University of Glasgow, Glasgow, United Kingdom

420 WTh-PM

Magnetization Transfer Imaging of the Corpus Callosum in Autism

Marta Gozzi, Dylan Nielson, Rhoshel Lenroot, Sarah Spence, Audrey Thurm, Susan Swedo, Jay Giedd, Pediatrics and Developmental Neuroscience Branch, National Institute of Mental Health, Bethesda, United States

422 WTh-PM

Increased fMRI responses to form and motion coherence in Asperger's syndrome

Stella Tsermentseli, Justin O'Brien, Janine Spencer, Institute of Psychiatry, King's College London, London, United Kingdom

424 WTh-PM

Grey and white matter abnormalities in children with Asperger's syndrome

Marc Starke, Liane Kaufmann, Sibylle Zotter, Weiss Elisabeth, Maria Steinmayr-Gensluckner, Josef Marksteiner, Michael Schocke, Egger Karl, Medical University of Innsbruck, Innsbruck, Austria

426 WTh-PM*

Striatal Functional Connectivity in Children with Autism: A Window into Brain Differentiation (O-Th3)

Adriana Di Martino, Clare Kelly, Rebecca Grzadzinski, Xi-Nian Zuo, Maarten Mennes, Catherine Lord, F. Xavier Castellanos, Michael Milham, Phyllis Green and Randolph C wen Institute for Pediatric Neuroscience at the NYU Child Study Center, New York, United States

428 WTh-PM*

Meta-analysis of whole-brain structural VBM studies in autism (O-Th3)

Esther Via, Joaquim Raduà, Narcís Cardoner, David Mataix-Cols, Hospital Universitari de Bellvitge, Barcelona, Spain

430 WTh-PM

Moral decision-making in Asperger's syndrome: An fMRI study

Kristina Hennig-Fast, Michael Hegenloh, Andrea Samson, Tiina Salminen, Rolf Engel, Maximilian Reiser, Thomas Meindl, Ludwig-Maximilians-University of Munich, Munich, Germany

432 WTh-PM

Structural Abnormalities in the Left Perisylvian Pathways Correlate with Language Deficits in Autism

Sanja Budisavljevic, Flavio Dell'Acqua, Declan Murphy, Marco Catani, MRC UK AIMS Consortium, Natbrainlab, Institute of Psychiatry, King's College, London, United Kingdom

DISORDERS OF THE NERVOUS SYSTEM

Brain and Spinal Cord Trauma

434 WTh-PM

Dose-response effect of breast cancer and chemotherapy on prefrontal cortex activation deficits

Shelli Kesler, Stanford University, Stanford, United States

436 WTh-PM

Links between white matter integrity, eye movement function, and health in postconcussion syndrome

Marcus Heitger, Richard Watts, Richard Jones, Ross Keenan, Scott Wells, Michael Ardagh, Tim Anderson, Research Center for Movement Control and Neuroplasticity, K.U. Leuven, Leuven, Belgium

438 WTh-PM

Degeneration of Cingulum and Fornix in a Patient with Traumatic Brain Injury

Sung Ho Jang, Ji Heon Hong, Oh Lyoung Kim, Seong Ho Kim, Department of Physical Medicine and Rehabilitation, College of Medicine, Yeungnam University, Daegu, Korea, Republic of

440 WTh-PM

An fMRI investigation of pain empathy in children with traumatic brain injury

Miriam Beauchamp, Tim Silk, Jean Decety, Amanda Wood, Louise Crossley, Michael Kean, Cathy Catroppa, Keith Yeates, Vicki Anderson, University of Montreal, Montréal, Canada

442 WTh-PM

Prediction of response to tDCS in patients with neuropathic pain: DTI and FDG-PET studies

Eun Jin Yoon, Yu Kyeong Kim, Hyeong Ik Shin, Sang Eun Kim, Seoul National University College of Medicine, Seoul, Korea, Republic of

444 WTh-PM

Absence of Deactivation as a Marker of Impaired Consciousness in the Vegetative State? An fMRI Study

Julia Sophia Crone, Martin Kronbichler, Stefan Golaszewski, Gunther Ladurner, Paracelsus Private Medical University, Salzburg, Austria

446 WTh-PM

Traumatic Brain injury rehabilitation in the chronic stage: changes in brain volume and BOLD signal

Marcos Rios-Lago, Alba Seco de Herrera, JJ Garcia, Juan A. Hernández-Tamames, Emanuele Schiavi, UNED, Madrid, Spain

448 WTh-PM

Resting-state EEG functional connectivity in vegetative and minimally conscious states

Rémy Lehembre, Marie-Aurelie Bruno, Victor Cologan, Chatelle Camille, Audrey Vanhauzenhuyse, Yves Leclercq, Benoît Macq, Andrea Soddu, Steven Laureys, Quentin Noirhomme, Coma Science Group, Cyclotron Research Centre, University of Liege, Liege, Belgium

450 WTh-PM

Neuronal Correlates of Verbal Memory Deficits following Traumatic Brain Injury (TBI)

Maki Kasahara, David Menon, Claire Salmond, Joanne Outtrim, Joana Taylor Tavares, T Carpenter, John Pickard, Barbara Sahakian, Emmanuel Stamatakis, Division of Anaesthesia, University of Cambridge, Cambridge, United Kingdom

452 WTh-PM

Diffuse axonal injury due to traumatic brain injury impairs frontomedian functions

Barbara Ettrich, Rainer Scheid, Stefan Zysset, Mareike Menz, Matthias Schroeter, Max-Planck-Institute for Human Cognitive and Brain Sciences, Leipzig, Germany, Leipzig, Germany

454 WTh-PM

Initial fMRI Activation Results for Military Traumatic Brain Injury Victims

John Graner, Terrence Oakes, Ping-Hong Yeh, Hai Pan, Bin-Quan Wang, Fletcher Munter, Gerard Riedy, Walter Reed Army Medical Center, Washington, United States

456 WTh-PM

Altered Brain Activation in Military Personnel with Mild, Blast-related Traumatic Brain Injury

Mary Newsome, Randall Scheibel, Maya Troyanskaya, Xiaodi Lin, Joel Steinberg, Majdi Radaideh, Harvey Levin, Baylor College of Medicine, Houston, United States

458 WTh-PM

TBSS Reveals Widespread Microstructural White Matter Disruption within Two Weeks of Mild TBI

FAN-PEI YANG, Christopher Nguyen, Hana Lee, Sara LaHue, Shelly Cooper, Jamshid Ghajar, Geoffrey Manley, Pratik Mukherjee, UCSF, san francisco, United States

DISORDERS OF THE NERVOUS SYSTEM

Developmental Disorders

460 WTh-PM

Fractal dimension of the Brain in premature infants with Intrauterine Growth Restriction

Nelly Padilla, Eduard Gratacós-Solsona, Magdalena Sanz Cortés, Juan Ruiz de Miras, Pablo Villoslada, Francisco J. Esteban, Department of Maternal-Fetal Medicine, Hospital Clínic-IDIBAPS, Barcelona, Spain

462 WTh-PM

Cortical processing of spoken words in SLI children

Päivi Helenius, Päivi Sivonen, Tiina Parviainen, Pia Isoaho, Sinikka Hannus, Timo Kauppila, Riitta Salmelin, Leena Isotalo, Brain Research Unit, Low Temperature Laboratory, Aalto University, School of Science and Technology, Espoo, Finland

464 WTh-PM

Impaired Integration of Spoken and Written Linguistic Material in Dyslexic Adults

Monika Kast, Stefan Elmer, Lutz Jäncke, Martin Meyer, Department of Neuropsychology, University of Zurich, Switzerland, Zurich, Switzerland

466 WTh-PM

An abnormal independent component of default mode network in drug-naïve ADHD

Jeewook Choi, Ji-Woong Kim, Bumseok Jeong, Catholic University, Daejeon St. Mary's Hospital, Daejeon, Korea, Republic of

468 WTh-PM

Distinct but partially overlapping neuronal systems underpin repetitive behaviors in TS and OCD

Yulia Worbe, Anne Clair, Sara Fernandez-Vidal, Andreas Hartmann, Marie Vidailhet, Luc Mallet, Stephane Lehericy, Centre d'Investigation Clinique INSERM CIC 9503, Groupe Hospitalier Pitié-Salpêtrière, Paris, France

470 WTh-PM

Methylphenidate normalises fronto-striatal inhibitory dysfunction in never medicated ADHD children

Katya Rubia, Mick Brammer, Rozmin Halari, Ana Cubillo, Eric Taylor, Institute of Psychiatry, London, United Kingdom

472 WTh-PM

Multimodal volumetric and dynamic analysis of structural MRI and FET-PET data in gliomas

Janpeter Nickel, Yasmin Hamzavi, Michael Sabel, Gabriele Stoffels, Karl-Josef Langen, Rüdiger Seitz, Department of Neurology / LVR-Clinic Düsseldorf, Düsseldorf, Germany

474 WTh-PM

A longitudinal study of brain development in adolescents with Fragile X

Signe Bray, Kelly Chen, Swetapadma Patnaik, Melissa Hirt, Elizabeth Walter, Fumiko Hoefft, Allan Reiss, Stanford University, Palo Alto, United States

476 WTh-PM

Investigation of white matter and grey matter abnormalities in Tourette syndrome patients

Yuliya Kupriyanova, Irene Neuner, Tony Stöcker, Oleg Posnansky, Frank Schneider, N. Jon Shah, Institute of Neuroscience and Medicine - 4, Forschungszentrum Juelich, Juelich, Germany

478 WTh-PM

Effects of ADHD Response Cost Training Programme on Cognitive and Emotional Networks

Michael Siniatchkin, Alexander Prehn-Kristensen, Nora Glatthaar, Stephan Wolff, Silja Knoechel, Gabriella Gerber von-Mueller, Ulrich Stephani, Wolf-Dieter Gerber, University Clinic for Pediatric Neurology, Kiel, Germany

480 WTh-PM

Effects of Intrauterine Growth Restriction on Brain Structure and Development at 12 Months in Infant

Magdalena Sanz-Cortés, Nelly Padilla, Carles Falcon, Nuria Bargallo, Francesc Figueras, Francesc Botet, Angela Arranz, Eduard Gratacós-Solsona, Department of Maternal-Fetal Medicine, Hospital Clínic-IDIBAPS, Barcelona., Barcelona, Spain

482 WTh-PM

Single-trial analysis of simultaneous EMG-fMRI of acoustic startle in children with enuresis

David Wunberg, Sebastian Schulz-Juergensen, Stephan Wolff, Paul Eggert, Michael Siniatchkin, Department of Pediatrics, University Hospital Schleswig-Holstein, Campus Kiel, Germany, Kiel, Germany

484 WTh-PM

Alteration of speech segmentation mechanisms in dyslexia

Katia Lehongre, Nadège Villiermet, Denis Schwartz, Daniel Pressnitzer, Franck Ramus, Anne-Lise Giraud, Inserm U960 - Ecole Normale Supérieure, Paris, France

486 WTh-PM

CANDIShare: A Resource for Pediatric Neuroimaging Data

David Kennedy, Steven Hodge, Christian Haselgrove, Jean Frazier, University of Massachusetts Medical School, Worcester, United States

488 WTh-PM

When more is just not enough: a comparison between autism, fragile x and Williams syndrome

Cherine Fahim, Nagwa Meguid, Neveen Nashaat, Uicheul Yoon, Julie Palix, Richard Frackowiak, Alan Evans, Catherine Brandner, University of Lausanne (Switzerland) and McGill University (Canada), Lausanne, Switzerland

490 WTh-PM

Developmental Cortical Thinning in Fetal Alcohol Spectrum Disorder

Dongming Zhou, Catherine Lebel, Claude Lepage, Alan Evans, Carmen Rasmussen, Katy Wyper, Jacqueline Pei, Gail Andrew, Ashleigh Massey, Donald Massey, Christian Beaulieu, Department of Biomedical Engineering, University of Alberta, Edmonton, Canada

492 WTh-PM

Connectivity of the supplementary motor complex is associated with motor control in children

Simona Spinelli, Priti Srinivasan, Suresh Joel, James Pekar, Stewart Mostofsky, Kennedy Krieger Institute, Baltimore, United States

494 WTh-PM

Neuronal dysfunction in the cerebellum related to early cognitive impairment in multiple sclerosis

Francoise Reuter, Wafaa Zaaraoui, Audrey Rico, Anthony Faivre, Lydie Crespy, Irina Malikova, Sylviane confort-gouny, Patrick Cozzone, Jean Pelletier, Jean-Philippe RANJEVA, Bertrand Audoin, CRMBM UMR CNRS 6612, Marseille, France

496 WTh-PM

Hyperactivity of the amygdala in boys with ADHD during perception of nonverbal emotional signals

Felix Jonathan Wolf, Thomas Ethofer, Benjamin Kreifelts, Heike Jacob, Michael Günter, Gunther Klosinski, Wolfgang Grodd, Dirk Wildgruber, Department of Child and Adolescence Psychiatry, Eberhard-Karls-University Tuebingen, Tuebingen, Germany

498 WTh-PM

Regional brain functional differences associated with alpha-2A-adrenergic receptor genotypes in ADHD

Bunghyun Kim, Jaewon Kim, Hyejin Kang, Seoul National University, Seoul, Korea, Republic of

500 WTh-PM

Evidence of Age Effects in Cortical Areas But Not in the Subcortex of ADHD Children Using 31P MRS

Jeffrey Stanley, Dalal Khatib, Rachel Dick, Olivia McGarragle, Frank MacMaster, Arthur Robin, Vaibhav Diwadkar, David Rosenberg, Wayne State University School of Medicine, Detroit, United States

502 WTh-PM

Adult Brain Structure of Children with ADHD: A Controlled, 33-Year Prospective Follow-Up Study

Erika Proal, Phillip Reiss, Rachael Klein, Salvatore Mannuzza, Kristin Gotimer, Jason Lerch, Alex Zijdenbos, Clare Kelly, Michael Milham, F. Xavier Castellanos, Phyllis Green and Randolph C wen Institute for Pediatric Neuroscience at the NYU Child Study Center, New York, United States

504 WTh-PM

Effects of reward and incentive on neural activity in attention-deficit/hyperactivity disorder

Gregor Wilbertz, Simon Maier, Bernd Feige, Ludger Tebartz van Elst, Alexandra Philippsen, Oliver Tüscher, Jens Blechert, Department of Psychiatry and Psychotherapy, University of Freiburg, Freiburg, Germany

EMOTION AND MOTIVATION

Decision Making

506 WTh-PM

Subcortical and cortical contribution of serotonergic neurotransmission to gambling behavior

Julian Macoveanu, Bettina Hornbøll, Gitte Knudsen, Olaf B. Paulson, James Rowe, Hartwig Siebner, Danish Research Institute for MR, Hvidovre, Denmark

508 WTh-PM

Spatiotemporal Dynamics of Decision Making in the Ultimatum Game using MEG

Kyongsik Yun, June Sic Kim, Chun Kee Chung, Jaeseung Jeong, KAIST, Daejeon, Korea, Republic of

510 WTh-PM

An fMRI study of the Balloon Analogue Risk Task – anticipated losses or potential rewards?

Tom Schonberg, Elena Stover, Eliza Congdon, Craig Fox, Russell Poldrack, University of California Los Angeles, Los Angeles, United States

512 WTh-PM*

Structural Differences in Cortico-Basal Ganglia Networks Predict Individual Decision-Making Behavior (O-Th1)

Birte Forstmann, Alfred Anwander, Andreas Schäfer, Jane Neumann, Scott Brown, Eric-Jan Wagenmakers, Rafal Bogacz, Robert Turner, University of Amsterdam, Amsterdam, Netherlands

514 WTh-PM

Impulsive Decision Making and Value Processing in the Adolescent Brain

Stephan Ripke, Thomas Hübner, Michael Smolka, Technische Universität Dresden, Dresden, Germany

516 WTh-PM

Morphometric correlates of decision making under ambiguity and risk

Masayuki Nakano, Koji Matsuo, Kazuteru Egashira, Toshio Matsubara, Mami Nakashima, Kanji Takahashi, Hiroaki Masaki, Yoshifumi Watanabe, Yamaguchi University Graduate School of Medicine, Ube, Japan

518 WTh-PM

Activation of rMPFC & precuneus in response to persuasion messages predicts behavior change

Hannah Faye Chua, University of Michigan, Ann Arbor, United States

520 WTh-PM

Dopaminergic Mechanisms of Human Effort-based Decision-making

Michael Treadway, Joshua Buckholtz, Ronald Cowan, Neil Woodward, Ronald Baldwin, Sib Ansari, Rui Li, Ashley Schwartzman, Evan Shelby, Robert Kessler, David Zald, Vanderbilt University, Nashville, United States

522 WTh-PM

Neural Mechanisms Mediating Reward-Guided Action Selection

MaryAnn Noonan, Rogier Mars, Matthew Rushworth, University of Oxford, Oxford, United Kingdom

524 WTh-PM

Coupling Hemodynamic and Electrophysiological Responses to Errors

Nuria Doñamayor, Urs Heilbronner, Thomas Münte, Otto-von-Guericke-University, Magdeburg, Germany

526 WTh-PM

Neural Correlates of Intuitive Next-Move Generation in Board Game Experts

Xiaohong Wan, Hironori Nakatani, Takeshi Asamizuya, Kenichi Ueno, Kang Cheng, Keiji Tanaka, RIKEN Brain Science Institute, Wako-shi, Japan

528 WTh-PM

What if I get busted? The importance of feedback in deceptive interaction

Kamila Sip, Joshua Skewes, Jennifer Marchant, William McGregor, Andreas Roepstorff, Christopher Frith, Rutgers University, Newark, United States

530 WTh-PM

Using fMRI to Examine the Neural Correlates of Risky Decision-Making in Alcohol Dependent Patients

Ashley Smith, Jodi Gilman, Reza Momenan, Vijay Ramchandani, Tess Crouss, Daniel Hommer, National Institute on Alcohol Abuse and Alcoholism, Bethesda, United States

532 WTh-PM

Neural Correlates of social Decision-Making: Pattern-Classification of BOLD-Responses during social

Maurice Hollmann, Charles Mueller, Daniela Adolf, Johannes Bernarding, University Magdeburg, Magdeburg, Germany

534 WTh-PM

Withdrawn

536 WTh-PM

Limbic justice: Separating the instant emotional response from the aware feeling of unfairness

Katarina Gospic, Erik Mohlin, Peter Fransson, Predrag Petrovic, Magnus Johannesson, Martin Ingvar, Karolinska Institutet, Stockholm, Sweden

538 WTh-PM

The feeling impacts on economic decision-making under unfair situation

yiwen wang, yu wang, xueying chen, yuan bo, yuejia luo, Academy of psychology and behavior, Tianjin Normal University, Tianjin, China

540 WTh-PM

Medial rostral prefrontal cortex and the neuroeconomics of episodic prospection

Roland Benoit, Sam Gilbert, Paul Burgess, MRC Cognition and Brain Sciences Unit, Cambridge, United Kingdom

542 WTh-PM

Why do humans make biased decisions about categories with unequal variances?

Christopher Summerfield, Timothy Behrens, Etienne Koechlin, Oxford University, Oxford, United Kingdom

544 WTh-PM

Future choices, fictive prediction errors, and the frontopolar cortex

Erie Boorman, Timothy Behrens, Rogier Mars, Matthew Rushworth, University of Oxford, Oxford, United Kingdom

546 WTh-PM

Dopamine antagonist D2 modulation leads to economic decision changes in healthy subjects

Maite Aznárez-Sanado, María Fernández-Seara, Francis R. Loayza, Ewa Salamon-Klobut, Franz Heukamp, María A Pastor, CIMA - University of Navarra, Pamplona, Spain

548 WTh-PM

Neural Systems of Intertemporal Decision-Making: Where Bottom-up meets Top-down

Lijuan Xu, Zhu-Yuan Liang, Kun Wang, Shu Li, Tianzi Jiang, Institute Of Automation, Chinese Academy Of Sciences, Beijing, China

550 WTh-PM

Unique contributions of the ventromedial prefrontal cortex and striatum in irrational choice

Ryan Jessup, John O'Doherty, Trinity College Dublin, Dublin, Ireland

552 WTh-PM

Is risky choice based on an expectation computation? An ERP study

Xiaonan Liu, Lilin Rao, Yuan Zhou, Zhuyuan Liang, Xi Chen, Renlai Zhou, Shu Li, Institute of Psychology, Chinese Academy of Sciences, Beijing, China

554 WTh-PM

The role of the dorsal striatum in the valuation of risky rewards and losses

Neal Hinest, Robert Rogers, Mark Brosnan, Tim Hodgson, Gemma Calvert, University of Bath, Bath, United Kingdom

556 WTh-PM

Dissociable processing of signal mean and variance during perceptual decisions

Vincent de Gardelle, Christopher Summerfield, Oxford University, Oxford, United Kingdom

558 WTh-PM

Who's better at delaying gratification? Individual differences during intertemporal choice

Myung-Jin Lee, Keun Taik Ryu, Soo Mee Lim, Sung-il Kim, Department of Education and bMRI (Brain and Motivation Research Institute), Korea University, Seoul, Korea, Republic of

560 WTh-PM

Distress-Induced Neural Activation Predicts Impulsivity

Jessica Richards, Tom J Ross, Stephanie Gorka, Elliot A Stein, Stacey B Daughters, University of Maryland, College Park, United States

562 WTh-PM

Influence of Subliminal Priming of a Brand Logo on Temporal Discounting: Neural Mechanisms

Philip Harris, Carsten Murawski, Juan Domínguez D., Jennifer Leech, Gary Egan, The University of Melbourne, Parkville, Australia

564 WTh-PM

Economic decision making in Parkinson's disease. Behavioral and functional analyses

Gonzalo Arrondo, Maite Aznárez-Sanado, Joaquín Goñi, María Fernández-Seara, Franz Heukamp, María A Pastor, CIMA/IESE - University of Navarra, Pamplona, Spain

566 WTh-PM

Functional Networks Associated with Conflict and Affect in Dual-Stream Reasoning

William Speechley, Todd Woodward, Elton Ngan, The University of British Columbia, Vancouver, Canada

EMOTION AND MOTIVATION

Emotional Learning

568 WTh-PM

Neural and Behavioral Changes related to Compassion Training

Olga Klimecki, Susanne Leiberg, Claus Lamm, Tania Singer, University of Zurich, Zurich, Switzerland

570 WTh-PM

Effects of real-time fMRI neurofeedback from the ventral striatum in compassion training

Susanne Leiberg, Mareike Clos, Bettina Sorger, Olga Klimecki, Rainer Goebel, Tania Singer, Laboratory for Social and Neural Systems Research, Zurich, Switzerland

572 WTh-PM

Disgust conditioning: Conditioned neural, electrodermal and behavioral responses

Tim Klucken, Rudolf Stark, Dieter Vaitl, University of Giessen, Giessen, Germany

574 WTh-PM

Neurobiological correlates of emotion regulation – an fMRI study

Elisa Steinfurth, Julia Wendt, Alfons Hamm, University of Greifswald, Greifswald, Germany

576 WTh-PM

Neural Evidence for “Normal” Reactivity to Aversive Stimuli in Psychopathy: You Just Need to Ask

Matthew Shane, Carla Harenski, Kent Kiehl, The Mind Research Network, Albuquerque, United States

578 WTh-PM

Differentiating the role of amygdalar sub-regions in emotional learning using high resolution fMRI

Charlotte Prevost, Jonathan McCabe, Ryan Jessup, John O'Doherty, TCIN, Dublin, Ireland

580 WTh-PM

Temporal dynamics of fMRI responses during processing of audio-visual, natural stimuli

Birgit Wieckhorst, Isabella Mutschler, Marc-Patrick Zapf, Markus Klarhöfer, Frank Wilhelm, Franz Müller-Spahn, Erich Seifritz, Tonio Ball, University of Basel, Basel, Switzerland

582 WTh-PM

Positive and Negative Prediction Error Signalling in Human Aversive Conditioning

Victor Spoormaker, Katia Andrade, Manuel Schröter, Anna Sturm, Roberto Goya-Maldonado, Philipp Sämman, Michael Czisch, Max Planck Institute of Psychiatry, Munich, Germany

584 WTh-PM*

Dopamine and Serotonin Influence the Neural Computation of Appetitive and Aversive Prediction Errors (O-W5)

Catherine Hindi Attar, Christian Büchel, NeuroimageNord, Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf, Hamburg, Germany

586 WTh-PM

Modulation of the Anterior Insula Using Real-time fMRI Neural Feedback

Emma Lawrence, Li Su, Vincent Giampietro, Gareth Barker, Nick Medford, Jeff Dalton, Niels Birbaumer, Ralf Veit, Ranganatha Sitaram, Jerzy Bodurka, Mick Brammer, Anthony David, Institute of Psychiatry, King's College London, London, United Kingdom

588 WTh-PM

Dopamine and Serotonin Receptor Availability and Reinforcement Learning

Hye-ill Shin, Sang-hyun Baik, Su Jin Kim, Byung Chul Lee, Sang Eun Kim, Sang Hee Kim, Korea University, Seoul, Korea, Republic of

EMOTION AND MOTIVATION

Emotional Perception

590 WTh-PM

Decoding prosody: Resolving differences in functional neuroanatomy from fMRI and lesion studies

Lucia Alba-Ferrara, Rachel Mitchell, Amanda Ellison, Durham University, Durham, United Kingdom

592 WTh-PM

Neural substrate for the process of text-based emoticon

Bumseok Jeong, Tae-min Kim, Ji-Woong Kim, Jeewook Choi, Eulji University Hospital, Daejeon, Korea, Republic of

594 WTh-PM

Acute social stress increases amygdala functional connectivity with PCC and medial OFC

Ilya M. Veer, Nicole Y.L. Oei, Mark A. van Buchem, Philip Spinhoven, Bernet M. Elzinga, Serge A.R.B. Rombouts, Leiden University, Leiden, Netherlands

596 WTh-PM

Contribution of The Temporal Pole to Inducing Affective Responses in Humor Appreciation

Yohei Kawana, Satoru Yokoyama, Takashi Tsukiura, Toshimune Kambara, Kei Takahashi, Ryuta Kawashima, Tohoku University School of Medicine, Sendai, Japan

598 WTh-PM

What matters? Incongruence effects and amygdala activation in crossmodal emotional integration

Veronika Mueller, Ute Habel, Frank Schneider, Karl Zilles, Bruce Turetsky, Simon Eickhoff, RWTH Aachen University, Aachen, Germany

600 WTh-PM

Emotional valence attenuates the frontal brain activity (AFz) in personalized affective ratings

Yanling Yin, Peipei Wang, Andrew Chen, Center for Higher Brain Functions, Capital Medical University, Beijing, China

602 WTh-PM

fMRI reveals emotion provoked activation of brain areas

Xiaonan Liu, Senqi Hu, Jing Zhang, Renlai Zhou, State Key Laboratory of Cognitive Neurosciences and Learning of Beijing Normal University, Beijing, China

604 WTh-PM

Emotion regulation strategies at test: The neural basis of reappraisal and distraction

Philipp Kanske, Janine Heissler, Sandra Schönfelder, Michèle Wessa, Central Institute of Mental Health, Mannheim, Germany

606 WTh-PM

Neuroimaging of Emotion Regulation of Others and Self

Glyn Hallam, Thomas Webb, Paschal Sheeran, Iain Wilkinson, Peter Woodruff, Peter Totterdell, Tom Farrow, SCANLab, Academic Clinical Psychiatry, University of Sheffield, Sheffield, United Kingdom

608 WTh-PM

Neural correlates of emotional and visual familiarity during identity face recognition

Ileana Quiñones, María Bobes, Francisco Lopera, Johanna Perez, Eduardo Martínez-Montes, Mayrim Vega-Hernández, Nelson Trujillo-Barreto, Mitchell Valdes-Sosa, Cuban Neuroscience Center, Havana, Cuba

610 WTh-PM

Methodological pitfalls when using neutral faces as masks in backward-masking paradigms during fMRI

Katrin Obst, Peter Dechent, Oliver Gruber, Centre for Translational Research in Systems Neuroscience, Dep. Psychiatry, Georg-August-University, Goettingen, Germany

612 WTh-PM

A Pilot Study of Neural Correlates of Mindfulness and Anger Using fMRI

Carl Fulwiler, Nanyin Zhang, Athene Lee, Rashad Hardaway, Matthew Jerram, David Gansler, Jean King, Ali Bourisly, University of Massachusetts Medical School, Worcester, United States

614 WTh-PM

Effects of a CRF1 receptor antagonist on an emotional arousal circuit in patients with IBS

Catherine Hubbard, Jen Labus, Joshua Bueller, Kirsten Tillisch, George Dukes, Dennis Kelleher, Jean Stains, Brandall Suyenobu, Bruce Naliboff, Emeran Mayer, University of California, Los Angeles, Los Angeles, United States

616 WTh-PM*

Dynamically Changing Corticosteroid Effects on the Human Amygdala (0-W5)

Marloes Henckens, Guido van Wingen, Marian Joëls, Guillén Fernández, Radboud University Nijmegen, Donders Institute for Brain, Cognition and Behaviour, Nijmegen, Netherlands

618 WTh-PM

The Laughter Perception Network: Modulations of Effective Connectivity by Laughter Type and Task

Benjamin Kreifelts, Diana Szameitat, Thomas Ethofer, Kai Alter, Wolfgang Grodd, Dirk Wildgruber, Eberhard-Karls-University of Tuebingen, Dept. of Psychiatry and Psychotherapy, Tuebingen, Germany

620 WTh-PM

Better look twice: Stimulus processing in dental phobia using a video-based fMRI paradigm

Ulrike Lueken, Johann Kruschwitz, Kevin Hilbert, Markus Muehlhan, Juergen Hoyer, Hans-Ulrich Wittchen, Technische Universität Dresden, Dresden, Germany

622 WTh-PM

The spatio-temporal integration of social visual cues: a study coupling EEG and fMRI

Laurence Conty, Guillaume Dezeache, Grèzes Julie, INSERM U960 - Ecole Normale Supérieure, Paris, France

624 WTh-PM

ERPs reveal rapid activation of orbitofrontal cortex during own child face recognition

Yaiselene Martínez Quintana, Ileana Quiñones, María Bobes, Cuban Neuroscience Center, Havana, Cuba

626 WTh-PM

Along came a Tarantula: The neural systems mediating approaching phylogenetic threat

Dean Mobbs, Rongjun Yu, James Rowe, Oriel Feldmanhall, Tim Dalgleish, MRC-CBU, Cambridge, United Kingdom

628 WTh-PM

Increased cortical activation in repressive coping style during the encoding of emotional faces

Astrid Rauch, Udo Dannowski, Victoria Paul, Lena ter Horst, Jochen Bauer, Patricia Ohrmann, Carsten Konrad, Boris Egloff, Walter Heindel, Volker Arolt, Thomas Suslow, Department of Psychiatry and Psychotherapy, School of Medicine, University of Muenster, Muenster, Germany

630 WTh-PM

Orbitofrontal cortex is involved in processing emotion-from-identity in faces

María Bobes, Ileana Quiñones, Mitchell Valdes-Sosa, Cuban Neuroscience Center, Havana, Cuba

632 WTh-PM

How does interoceptive awareness interact with feeling emotion? : An fMRI study

Yuri Terasawa, Hirokata Fukushima, Satoshi Umeda, Keio University, Tokyo, Japan

634 WTh-PM

Single-trial N170 and P240 amplitude informed event-related 3T fMRI to emotional face recognition

Juergen Brinkmeyer, Arian Mobascher, Tracy Warbrick, Katrin Fisahn, Katharina Drusch, Sanna Stroth, Francesco Musso, Tony Stöcker, Gereon Fink, N. Jon Shah, Georg Winterer, Wolfgang Wölwer, Heinrich-Heine University, Duesseldorf, Germany

636 WTh-PM

The Influence of Directed Attention on the Neural Processing of Threatening and Erotic Pictures

Julia Wendt, Martin Lotze, Sebastian Burchert, Michael Feuerherd, Hannes von Matuschitz, Alfons Hamm, University of Greifswald, Greifswald, Germany

638 WTh-PM

Hypothalamus and amygdala activate during the processing of emotional stimuli

Ewald Moser, Christian Windischberger, Florian Gerstl, Jerome Siegel, Karl Karlsson, Center for Medical Physics and Biomedical Engineering, Medical University of Vienna, Vienna, Austria

640 WTh-PM

Cross-modal affective priming by music and speech in alexithymia: an ERP study

Katharina Goerlich, Jurriaan Witteman, Sander Martens, Vincent van Heuven, Niels Schiller, André Aleman, University of Groningen, Netherlands

642 WTh-PM

Differential hemodynamic and behavioral coupling of social fear and happiness

Mbemba Jabbi, Philip Kohn, Tiffany Nash, Jonathan Shane Kippenhan, Karen Berman, National Institutes of Health, Bethesda, United States

644 WTh-PM

Emotional information modulates the effects of attention on retinotopic visual processing

Ana Gomez-Carrillo de Castro, Marcus Rothkirch, Christian Kaul, Philipp Sterzer, Charité, Berlin, Germany

646 WTh-PM

Understanding of the facial expression on social context; An event-related potential study

Hidaka Motonobu, Atsuhito Toyomaki, Harumitsu Murohashi, Hokkaido university, Sapporo, Japan

648 WTh-PM

Different amygdala subregions mediate valence related and attentional effects of oxytocin in humans

Matthias Gamer, Christian Büchel, NeuroimageNord, Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf, Hamburg, Germany

650 WTh-PM

Differential Effects of Oxytocin on Brain Response to Positive and Negative Social Scenes

Carina Sauer, Christiane Wörner, André Spachmann, Daniela Mier, Christian Montag, Andreas Meyer-Lindenberg, Martin Reuter, Peter Kirsch, Central Institute of Mental Health, Mannheim, Germany

652 WTh-PM

Facing anger in others shapes the neural bases of emotion processing

Marie-Sarah Adenis, Lydia Pougă, Grèzes Julie, INSERM U960 - Ecole Normale Supérieure, Paris, France

654 WTh-PM

Emotional Suppression Modulates Activation in the Anterior Cingulate Cortex but not in the Amygdala

Leila Haddad, Peter Kirsch, Christine Esslinger, Daniela Mier, Oliver Grimm, Carina Sauer, Urs Braun, Henrik Walter, Andreas Meyer-Lindenberg, Central Institute of Mental Health, Mannheim, Germany

656 WTh-PM

Detection of Dopamine Released During Human Emotional Processing

Rajendra Badgaiyan, University at Buffalo, Buffalo, United States

658 WTh-PM

Effects of crossmodal distraction on brain activation to emotional prosody

Martin Mothes-Lasch, Wolfgang Miltner, Thomas Straube, University of Jena, Jena, Germany

660 WTh-PM

Eyebrows and mouth as determinants of potential threat – An event-related brain potential study

Andreas Mühlberger, Matthias Wieser, Paul Pauli, Peter Weyers, University of Würzburg, Würzburg, Germany

662 WTh-PM

Neural correlates of cognitive emotional regulation techniques during a stressful task

Stephanie Gorka, Tom Ross, Elliot Stein, Jessica Richards, Stacey B Daughters, University of Maryland, College Park, United States

664 WTh-PM

Separation of maintenance of instruction and emotional regulation

Armita Golkar, Tina Lonsdorf, Andreas Olsson, Kara Lindstrom, Peter Fransson, Martin Schalling, Martin Ingvar, Arne Öhman, Karolinska Institutet, Stockholm, Sweden

666 WTh-PM

Reward Anticipation Activation is Associated with Activation during Emotion Processing

Sara Wright, Brian Mickey, Tiffany Love, Heng Wang, Scott Langenecker, Jon-Kar Zubieta, University of Michigan, Ann Arbor, United States

668 WTh-PM

Second-Hand Stress: Chemosensory Cues to Conspecific Emotional Stress Activate Amygdala in Humans

Lilianne Mujica-Parodi, Yevgeny Botanov, Denis Rubin, Denis Tolkunov, Greg Hajcak, Blaise Frederick, Robert Savoy, David Cox, State University of New York at Stony Brook, School of Medicine, Stony Brook, United States

670 WTh-PM

Neurobiological Correlates of Affective Processing are Modulated by Impulsive Personality

Chelsea Black, Yang Jiang, Seth Kiser, Chase Kluemper, Thomas Kelly, University of Kentucky, Lexington, United States

672 WTh-PM

Cerebral Correlates of Emotional Dyadic Interactions

Daniel Schneider, Christina Regenbogen, Nils Kohn, Schneider Frank, Thilo Kellermann, Ute Habel, RWTH Aachen University, Aachen, Germany

674 WTh-PM

Modeling Eye Gaze Data Enhances Statistical Power to Detect Neural Responses to Emotional Pictures

Dan Grupe, Desmond Oathes, Dan McFarlin, Melissa Schmidt, Tammi Kral, Jack Nitschke, University of Wisconsin-Madison, Madison, United States

676 WTh-PM

Resting State Asymmetry of Brain Glucose Metabolism and Perceived Stress in Older Women

Sang Hee Kim, Chang Soo Park, Hye-ill Shin, Min-jeong Yang, Kyung-in Choi, Jeanyoung Chey, Sang Eun Kim, Korea University, Seoul, Korea, Republic of

678 WTh-PM

Brain Response to Low-Level Perceptual Features of Emotional Faces: An fMRI Study with Children

Angela Tseng, Kathleen Thomas, University of Minnesota, Minneapolis, United States

680 WTh-PM

Effect of Lorazepam and Placebo on Cerebral Response to Fearful Vocal Sounds: An fMRI Study

Michihiko Koeda, Amane Tateno, Noriaki Yahata, Kohei Ogawa, Yoshitoshi Shingai, Tomoko Hama, Masato Matsuura, Hidehiko Takahashi, Yoshiro Okubo, Department of Neuropsychiatry, Nippon Medical School, Tokyo, Japan

682 WTh-PM

Longitudinal Changes from Childhood to Adolescence in Subcortical fMRI Responses to Emotional Faces

Jennifer Pfeifer, Marco Iacoboni, John Mazziotta, Mirella Dapretto, University of Oregon, Eugene, United States

684 WTh-PM

Emotion regulation in borderline personality disorder. An fMRI study

Simone Lang, Carina Frick, Ramona Dinu-Biringer, Marco Essig, Sven Barnow, University of Heidelberg, Institute of Psychology, Heidelberg, Germany

686 WTh-PM

Short- and Long-duration Threats Elicit Distinct Patterns of Neural Activity in the Basal Forebrain

Ruben Alvarez, Jerzy Bodurka, Christian Grillon, Laureate Institute for Brain Research, Tulsa, United States

688 WTh-PM

Analyzing graded change in BOLD responses to rotated faces using nonlinear curve fitting

Tom Johnstone, Elizabeth Martin, Birthe Henne, Emma Seymour, Carien van Reekum, University of Reading, Reading, United Kingdom

690 WTh-PM

Early Cortical Responses to Sexually Arousing Stimuli

Lauri Nummenmaa, Jari Hietanen, Aalto University School of Science and Technology, Espoo, Finland

692 WTh-PM

Anatomical and Functional Connectivity in the Salience Network

Efstathios Gennatas, Juan Zhou, Joel Kramer, Bruce Miller, William Seeley, UCSF, San Francisco, United States

694 WTh-PM

Age-Related Effects on Emotion Regulation

Linda Mah, Rachel Leung, Bruce Pollock, Kunin-Lunenfeld Applied Research Unit, Baycrest, Toronto, Canada

EMOTION AND MOTIVATION

Genetics

696 WTh-PM

Variation in COMT Genotype Modulates Brain White Matter Integrity in Children and Adolescents

Moriah Thomason, Natalie Colich, Elena Rykhlevskaia, Robert Dougherty, Lee Perry, Ian Gotlib, Stanford University, Stanford, United States

698 WTh-PM

COMT val158met status modulates brain activation during executive control of attention

Markus Thimm, Axel Krug, Thilo Kellermann, Valentin Markov, Sören Krach, Andreas Jansen, Klaus Zerres, Thomas Eggermann, Tony Stöcker, N. Jon Shah, Markus Nöthen, Marcella Rietschel, Tilo Kircher, University Hospital RWTH Aachen, Aachen, Germany

700 WTh-PM

Can genetic reveal what is measured by the T1w-imaging based gray matter thickness?

Peter Kochunov, John Blangero, Anderson Winkler, Jack Lancaster, Peter Fox, David Glahn, UTHSCSA, San Antonio, United States

702 WTh-PM

Differential effects of the APOE genotype on brain functions across the lifespan

Nicola Filippini, Klaus Ebmeier, Bradley MacIntosh, Giovanni Battista Frisoni, Christian F Beckmann, Stephen Smith, Paul Matthews, Clare Mackay, University of Oxford, Oxford, United Kingdom

704 WTh-PM

COMT genotype and its role on hippocampal-prefrontal regions in declarative memory

Soeren Krach, Andreas Jansen, Axel Krug, Valentin Markov, Thomas Eggermann, Klaus Zerres, Tony Stöcker, N. Jon Shah, Tilo Kircher, Section Brainimaging, Department of Psychiatry and Psychotherapy, Philipps-University Marburg, Marburg, Germany

706 WTh-PM

Genetics of Gyrus White Matter Span

Peter Kochunov, John Blangero, Bill Rogers, Anderson Winkler, Peter Fox, David Glahn, UTHSCSA, San Antonio, United States

708 WTh-PM

Influence of functional dopaminergic polymorphisms (DAT1 and COMT) on short term memory traces

Stephan Bender, Tobias Banaschewski, Franz Resch, Manfred Laucht, University of Frankfurt, Germany, Frankfurt, Germany

710 WTh-PM

Subchronic duloxetine administration remediates effects of sad mood on emotional memory

Indira Tendolkar, Maren Urner, Guido van Wingen, Robbert Jan Verkes, Guillen Fernandez, Donders Institute of Brain, Cognition and Behavior, Nijmegen, Netherlands

712 WTh-PM

DAT 3' VNTR modulates striatal activation during working memory updating across adulthood

Jamie Podell, Fabio Sambataro, Vishnu Murty, Saumitra Das, Bhaskar Kolachana, Terry Goldberg, Daniel Weinberger, Venkata Mattay, NIMH, NIH, Bethesda, United States

714 WTh-PM

The schizophrenia susceptibility gene neuregulin-1 is associated with prefrontal grey matter volumes

Sarah Trost, Oliver Gruber, Thomas Wobrock, Harald Scherk, Savira Ekawardhani, Niels Focke, David Zilles, Andrea Schmitt, Wolfgang Reith, Jobst Meyer, Peter Falkai, Centre for Translational Research in Systems Neuroscience, Dep. Psychiatry, Georg August University, Göttingen, Germany

716 WTh-PM*

Genetic Influences on Brain Architecture from Multivariate Diffusion Tensor Data (O-Th2)

Agatha Lee, Natasha Lepore, Caroline Brun, Marina Barysheva, Arthur Toga, Katie McMahon, Greig deZubicaray, Nicholas Martin, Margaret Wright, Paul Thompson, LONI-UCLA, Los Angeles, United States

718 WTh-PM

Investigating genetic correlations between the central sulcus and perirolandic cortex

David McKay, Peter Kochunov, Anderson Winkler, David Glahn, John Blangero, Peter Fox, UTHSCSA, San Antonio, United States

720 WTh-PM

Differential Involvement of Corpus Callosum Subdivisions with SPG11 Mutations

Belen Pascual, Nikos Makris, George Papadimitriou, Lichen Liang, Joseph Masdeu, Massachusetts General Hospital, Boston, United States

722 WTh-PM

Cluster-level Inference and Resampling-based Multiple Testing applied to Imaging Genetics Studies

Edith Le Floch, Merlin Keller, Vincent Frouin, Christophe Lalanne, Philippe Pinel, Jean-Baptiste Poline, Edoard Duchesnay, CEA, Gif-sur-Yvette, France

724 WTh-PM

BDNF Val66Met Genotype Affects the Relationship between Resting rCBF and Anxiety-Related Traits

Shau-Ming Wei, Katherine Nabel, Philip Kohn, Bhaskar Kolachana, Daniel Weinberger, Karen Berman, National Institutes of Health, Bethesda, United States

726 WTh-PM*

Voxelwise Genome-Wide Association Study (vGWAS) (O-T2)

Jason Stein, Xue Hua, Suh Lee, April Ho, Alex Leow, Arthur Toga, Andrew Saykin, Li Shen, Tatiana Foroud, Nathan Pankratz, Matthew Huentelman, David Craig, Bryan DeChairo, Steven Potkin, Michael Weiner, Paul Thompson, UCLA, Los Angeles, United States

728 WTh-PM*

Brain Circuit Mapping with Optogenetic Functional Magnetic Resonance Imaging (ofMRI) (O-Th4)

Jin Hyung Lee, Remy Durand, Viviana Gradinaru, Feng Zhang, Dae-Shik Kim, Karl Deisseroth, University of California, Los Angeles, Los Angeles, United States

730 WTh-PM

Characterization of Attention Deficit Hyperactivity Disorder genes through functional neuroimaging

Martine Hoogman, Esther Aarts, Marcel Zwiers, Dorine Slaats-Willems, Roshan Cools, Cees Kan, Jan Buitelaar, Barbara Franke, Donders Centre for Cognitive Neuroimaging, Donders Institute for Brain, Cognition and Behaviour, Nijmegen, Netherlands

732 WTh-PM

Genetic Influences on Brain Morphometry and Developmental Changes in Pre-adolescence

Inge van Soelen, Rachel Brouwer, Caroline van Baal, Hugo Schnack, Jiska Peper, Lei Chen, Rene Kahn, Dorret Boomsma, Hilleke Hulshoff Pol, VU, Amsterdam, Amsterdam, Netherlands

734 WTh-PM

Why voxel-based methods may not offer genetically informative measurements of gray matter volume

Anderson Winkler, Peter Kochunov, John Blangero, Laura Almasy, Peter Fox, David Glahn, Yale University School of Medicine, New Haven, United States

736 WTh-PM

Genetic variability of an ECM proteoglycan affects prefrontal structural and functional connectivity

Björn Schott, Torsten Wüstenberg, Sylvia Richter, Gilbert Franken, Thomas Münte, Constanze Seidenbecher, Charite University Hospital Berlin, Berlin, Germany

738 WTh-PM

Effects of G72 genotype on neural correlates of memory encoding and retrieval?

Frieder Paulus, Andreas Jansen, Soeren Krach, Axel Krug, valentin Markov, Markus Thimm, N. Jon Shah, Markus Nöthen, Marcella Rietschel, Tilo Kircher, Philipps-University Marburg, Marburg, Germany

740 WTh-PM

Assessing the performance of PLS regression and CCA with high-dimensional two-block data structure

Christophe Lalanne, Édouard Duchesnay, Vincent Frouin, Benjamin Thyreau, Arthur Tenenhaus, Bertrand Thirion, Jean-Baptiste Poline, CEA, Neurospin, Gif-sur-Yvette, France

742 WTh-PM

Impact of Dietary Interventions on Brain Structure and Function is Dependent on COMT Genotype

A. Veronica Witte, Daniel Margulies, Stefanie Jansen, Lucia Kerti, Johanna Richels, Claudia Kunze, Jochen Fiebach, Agnes Floel, Department of Neurology, University Medicine Charite, Berlin, Germany

744 WTh-PM*

BDNF Effects on Brain Fiber Microstructure Replicated in Two Twin Samples (N=455) (O-T2)

Ming-Chang Chiang, Marina Barysheva, Arthur Toga, Narelle Hansell, Michael James, Katie McMahon, Greig de Zubicaray, Nicholas Martin, Margaret Wright, Paul Thompson, Laboratory of Neuro Imaging, Dept. of Neurology, UCLA School of Medicine, Los Angeles, United States

746 WTh-PM

Cortical measures and heritability in 326 identical and fraternal twins

Caroline Brun, Anand Joshi, Natasha Lepore, Shantanu Joshi, Agatha Lee, Paul Thompson, Greig Zubicaray, Margaret Wright, Katie McMahon, University of California, Los Angeles, Los Angeles, United States

748 WTh-PM

Increased Neural Response to Fear for the Brain Derived Neurotrophic Factor Val66met Polymorphism

prerona MUKHERJEE, Heather Whalley, Eve Johnstone, Stephen Lawrie, Jeremy Hall, university of edinburgh, edinburgh, United Kingdom

IMAGING TECHNIQUES AND CONTRAST MECHANISM

Anatomical MRI

750 WTh-PM

Development of high-resolution, bSSFP-based in utero imaging protocol to map cerebral gyrfication

Peter Kochunov, David Purdy, Duff Davis, UTHSCSA, San Antonio, United States

752 WTh-PM

Postmortem T2-Relaxometry and Neuropathologic Examination in Alzheimer's Disease

Robert Dawe, Julie Schneider, David Bennett, Chunhui Yang, Konstantinos Arfanakis, Illinois Institute of Technology, Chicago, United States

754 WTh-PM

Fractal dimension detects grey/white matter interface changes in multiple sclerosis

Pablo Villoslada, Juan Ruiz de Miras, Jorge Sepulcre, Juan Navas, Nieves Vélez de Mendizábal, Joaquín Goñi, Francisco J. Esteban, Institute of Biomedical Research August Pi Sunyer (IDIBAPS), Barcelona, Spain

756 WTh-PM

Gonadal steroid hormones influence orbitofrontal cortex and hippocampal gray matter volume in women

Gabriela Alarcon, Shau-Ming Wei, Jonathan Shane Kippenhan, Philip Kohn, Erica Baller, Peter Schmidt, Karen Berman, National Institutes of Health, Bethesda, United States

758 WTh-PM

Unified segmentation based correction of T1 maps for RF transmit field inhomogeneities (UNICORT)

Nikolaus Weiskopf, Antoine Lutti, Gunther Helms, John Ashburner, Chloe Hutton, Wellcome Trust Centre for Neuroimaging, UCL, London, United Kingdom

760 WTh-PM

Brain structure and a family history of dementia: an MRI-derived volumetric approach

Trevor Ahearn, Roger Staff, Helen Fox, Alison Murray, Gordon Waiter, Ian Deary, Lawrence Whalley, University of Aberdeen, Aberdeen, United Kingdom

762 WTh-PM

Patterns of cortical degeneration in an elderly cohort with cerebral small vessel disease

Andrew Reid, Anouk van Norden, Karlijn de Laat, Lucas van Oudheusden, Marcel Zwiers, Alan Evans, Frank-Erik de Leeuw, Rolf Kotter, Radboud University Nijmegen Medical Centre, Donders Institute for Brain, Cognition and Behaviour, Nijmegen, Netherlands

764 WTh-PM

Quantitative evaluation of automated brain segmentation methods using simulated magnetic resonance images

Carsten Konrad, Lucas Eggert, Jens Sommer, Andreas Jansen, Department of Psychiatry, Philipps-University Marburg, Marburg, Germany

766 WTh-PM

Sex Differences in the Neuroanatomy of Human Mirror-Neuron System: a Voxel-Based Morphometric Study

Wei-Hsu Chang, Kun-Hsien Chou, I-Yun Chen, Ya-Wei Cheng, Ching-Po Lin, Institute of Neuroscience, National Yang-Ming University, Taipei, Taiwan, Republic of China

768 WTh-PM

“Pseudo-T2” relaxation times using a dual turbo spin-echo sequence: methodology and validation

Mishkin Derakhshan, Sridar Narayanan, Jacqueline Chen, Paul Giacomini, Douglas Arnold, D. Louis Collins, MNI, Montreal, Canada

770 WTh-PM

Using High Resolution MRI at 7Tesla to Evaluate the Anatomy of the Human Midbrain Dopamine System

Mariam Eapen, David Zald, J Chris Gatenby, John Gore, Vanderbilt University, Nashville, United States

772 WTh-PM

Improved Inter-Subject Functional Registration Using DARTEL in Adults Prenatally Exposed to Alcohol

Priya Santhanam, Zhihao Li, Claire Coles, Mary Ellen Lynch, Xiaoping Hu, The University of Chicago, Chicago, United States

774 WTh-PM

Grey Matter Alterations in Children with Thyroid Hormone Insufficiencies during Pregnancy

Joanne Rovet, Jovanka Skocic, Erin Sheard, Hospital for Sick Children, Toronto, Canada

776 WTh-PM

Brain Asymmetry Mapped in Velo-cardio-facial Syndrome and in Normally Developing Children

Agatha Lee, Allan Reiss, Arthur Toga, Paul Thompson, LONI-UCLA, Los Angeles, United States

778 WTh-PM

Defining and measuring cortical thickness: histology and MRI

Miriam Wahnert, Marcel Weiss, Stefan Geyer, Robert Turner, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

780 WTh-PM

Cortical Curvature as a Marker of Horizontal Cortical Connection Distances

Lisa Ronan, Guy Williams, Ed Bullmore, Tim Crow, Paul Fletcher, University of Cambridge, Cambridge, United Kingdom

782 WTh-PM

Magnetization Transfer Ratio Mapping: Normalization and Correction for Coil Inhomogeneities

Ralf Deichmann, Ulrike Noeth, Anna Rotarska-Jagiela, Steffen Volz, Brain Imaging Center, Goethe University Frankfurt am Main, Frankfurt am Main, Germany

784 WTh-PM

The Child's Brain: Applications of the Internet Brain Volume Database (IBVD)

Christian Haselgrove, Steven Hodge, Jean Frazier, David Kennedy, University of Massachusetts Medical School, Worcester, United States

786 WTh-PM

Characterization of the Human Habenula in Vivo at 7 T

Barbara Strotmann, Robert Turner, Andreas Schäfer, Robert Trampel, Stefan Geyer, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

788 WTh-PM

Early microstructural maturation in the human perisylvian regions

Francois LEROY, Hervé Glasel, Jessica Dubois, Lucie Hertz-Pannier, Bertrand Thirion, Francois Rousseau, Jean-François Mangin, Ghislaine Dehaene-Lambertz, INSERM-CEA NEUROSPIN, GIF/YVETTE, France

790 WTh-PM

Quantitative 3-D measurement of Subplate growth in-utero in the normal human fetus

James Corbett-Detig, Piotr Habas, Kio Kim, Vidya Rajagopalan, Ahmad Roosta, Dharshan Chandramohan, Francois Rousseau, Orit Glenn, A. James Barkovich, Colin Studholme, UCSF, San Francisco, United States

792 WTh-PM*

Hierarchical cortical surface normalization for longitudinal pediatric MRI data (0-W3)

Junki Lee, Cedric Clouchoux, Yasser Ad-Dab'bagh, Alan Evans, The Brain Development Cooperative Group, Montreal Neurological Institute, Montreal, Canada

794 WTh-PM

VBM AND fMRI IN SCHIZOPHRENIA: RELATION TO COGNITION AND SYMPTOMS

NURIA PUJOL, HOSPITAL CLINIC, UNIVERSITAT DE BARCELONA, IDIBAPS, BARCELONA, Spain

796 WTh-PM

Combined Surface/Volume Fluid Registration - Performance Evaluation using Brain MRIs from 342 Adult

Natasha Lepore, Anand Joshi, Caroline Brun, Richard Leahy, Yi-Yu Chou, Julio Villalon, Xavier Pennec, Marina Barisheva, Greig Zubizaray, Margaret Wright, Arthur Toga, Paul Thompson, Department of Radiology, USC and Children's Hospital Los Angeles, Los Angeles, United States

798 WTh-PM

SAFIRA: A Statistically Assisted Fluid Image Registration Algorithm

Caroline Brun, Natasha Lepore, Xavier Pennec, Yi-Yu Chou, Agatha Lee, Paul Thompson, University of California, Los Angeles, Los Angeles, United States

IMAGING TECHNIQUES AND CONTRAST MECHANISM

Diffusion MRI

800 WTh-PM

Is Cardiac Triggering Necessary for Diffusion Imaging in Neonates?

Zoltan Nagy, Gabor Rudas, Zoltan Vidnyanszky, Lajos Kozak, Wellcome Trust Centre for Neuroimaging, UCL, London, United Kingdom

802 WTh-PM

Impact of smoothing on the interpretation of FA maps

Karsten Tabelow, Joerg Polzehl, Siawoosh Mohammadi, Michael Deppe, WIAS Berlin / MATHEON, Berlin, Germany

804 WTh-PM

Evaluation of Automatic Skull-Stripping Algorithms for Macaque Brain DTI Studies

Anne Bartosic, Chad Ennis, Nagesh Adluru, Steve Shelton, Ned Kalin, Andrew Alexander, University of Wisconsin - Madison, Madison, United States

806 WTh-PM

Adequate selection of white matter fiber portions using thresholded probability maps

Mathias Oechslein, Adrian Imfeld, Thomas Loenneker, Martin Meyer, Lutz Jäncke, University of Geneva, Geneva, Switzerland

808 WTh-PM

Cortico-Ponto-Cerebellar Tract in Human Brain

Ji Heon Hong, Yong Hyun Kwon, Sung Ho Jang, Sang Ho Ahn, Su Min Son, Yoon Woo Cho, Department of Physical Medicine and Rehabilitation, College of Medicine, Yeungnam University, Daegu, Korea, Republic of

810 WTh-PM

White matter abnormalities and corticosubcortical disconnection in major depression

Annemarie Osoba, Jürgen Haenggi, Ulf Eckert, Dorothea Horn, Jörn Kaufmann, Johann Steiner, Bernhard Bogerts, Martin Walter, Otto-von-Guericke-Universität Magdeburg, Magdeburg, Germany

812 WTh-PM

The deconvolution of finite q-space sampling effects in diffusion spectrum imaging

Erick Jorge Canales-Rodríguez, Yasser Iturria-Medina, Yasser Alemán-Gómez, Lester Melie-García, Benito Menni, Complex Asistencial en Salut Mental (CIBERSAM), Barcelona, Spain

814 WTh-PM

SNR increase in 7T DTI by upgrading 40 mT/m to a 70 mT/m gradient system

Ralf Luetzkendorf, John Grinstead, Jörg Stadler, Johannes Bernarding, Otto von Guericke University, Magdeburg, Germany

816 WTh-PM

Probing multi-component diffusion in brain tissue with Diffusion Relaxation Correlation Spectroscopy

Bibek Dhital, Robert Turner, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

818 WTh-PM

Monte-Carlo simulation software dedicated to diffusion weighted MR experiments in neural media

Chun-Hung Yeh, Denis Le Bihan, Jing-Rebecca Li, Jean-François Mangin, Ching-Po Lin, Cyril Poupon, CEA Neurospin, Gif-sur-Yvette, France

820 WTh-PM

Effects of spatial normalization methods on Parkinson disease group comparison with FA maps

Gonzalo Pajares, Pablo García-Polo, Norberto Malpica, Juan Antonio Hernández-Tamames, Eva López-Valdés, Concha Ferreira, Juan Luis Cervera, Juan Álvarez-Linera, Fundación CIEN - Fundación Reina Sofía (Proyecto Alzheimer), Madrid, Spain

822 WTh-PM

Human Brain Mapping of Relative Axonal Diameter and Direction Using Q-space Diffusion Tensor MRI

Jun-Cheng Weng, Chung Shan Medical University, Taichung, Taiwan, Republic of China

824 WTh-PM

A New Multivariate Variance Components Analysis for Genetic Analysis of DTI data

Agatha Lee, Natasha Lepore, Jan deLeeuw, Caroline Brun, Marina Barysheva, Katie McMahon, Greig de Zubicaray, Nicholas Martin, Margaret Wright, Paul Thompson, LONI-UCLA, Los Angeles, United States

826 WTh-PM

Segmentation of the Human Thalamus based on Anatomical Connectivity and Local Diffusion

Henriette Walz, Alfred Anwander, Thomas Knösche, Arno Villringer, B. Draganski, MPI for Hum. Cogn. & Brain Sci, Leipzig / LMU Munich, Planegg-Martinsried, Germany

828 WTh-PM

Longitudinal White Matter Changes in Chronic Traumatic Brain Injury using Diffusion Tensor Imaging

Eva Palacios-Martinez, Davinia Fernández-Espejo, Carme Junque, Rocio Sanchez-Carrion, Teresa Roig, Jose Maria Tormos, Nuria Bargallo, Pere Vendrell, University of Barcelona, Barcelona, Spain

830 WTh-PM*

Difusional Kurtosis Imaging Tractography of Crossing Fibers (0-T1)

Mariana Lazar, Jens Jensen, Joseph Helpern, New York University School of Medicine, New York, United States

832 WTh-PM

Persistent Angular Structure Versus Spherical Deconvolution in the Context of Tractography

Thomas Cronin, Mark Lowe, Robert Fox, ken sakaie, Cleveland Clinic, Cleveland Heights, United States

834 WTh-PM

Effects of Susceptibility Distortion on Fiber Tractography in Diffusion Tensor Imaging

M Irfanoglu, Lindsay Walker, Carlo Pierpaoli, NIH, Bethesda, United States

836 WTh-PM

Using MEG to Identify Functional Brain Areas for Preoperative Fiber Tracking

Bagrat Amirbekian, Srikantan Nagarajan, Mitchel Berger, Roland Henry, UCSF, San Francisco, United States

838 WTh-PM

Peritumoral Signal Abnormality: A longitudinal diffusion tensor imaging study of brain tumors

Li-Ming Hsu, Wan-You Guo, Hon-Man Liu, Ching-Po Lin, Department of biomedical imaging and radiological sciences, Tapie, Taiwan, Republic of China

840 WTh-PM

Trade-offs between Angular and Spatial Resolution in High Angular Resolution Diffusion Imaging

Liang Zhan, Neda Jahanshad, Alex Leow, Matt A. Bernstein, Bret J. Borowski, Clifford R. Jack Jr, Arthur Toga, Paul Thompson, Laboratory of Neuro Imaging, UCLA, Los Angeles, United States

842 WTh-PM

Visualizing anatomical connections in vivo using Gadolinium-a preclinical and translational study

Carolyn Wan-hsun Wu, Haitao Wu, Gary Griffiths, Alan Koretsky, Roger Tootell, Leslie Ungerleider, NeuroSpin, Gif sur Yvette, France

844 WTh-PM

Diffusion Weighted Imaging with STEAM-EPI and GRAPPA at 7T

Bibek Dhital, Robert Turner, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

846 WTh-PM

Study of multiple DTI indexes in amnesic MCI and AD and its correlation with memory performance

Beatriz Bosch, Eider M. Arenaza-Urquijo, José-Luis Molinuevo, Roser Sala-Llonch, Carme Junque, CRISTINA SOLE-PADULLES, Cleofe Peña-Gomez, Nuria Bargallo, Lorena Rami, David Bartres-Faz, HOSPITAL CLINIC BARCELONA, Barcelona, Spain

848 WTh-PM

Brain anatomical connections between neural regions of face processing: a combining fMRI and DTI study

Lorna García Pentón, Yasser Iturria-Medina, Ileana Quiñones Gonzalez, Pedro Valdes Hernandez, Alejandro Perez-Fernandez, Antonieta Bobes-Leon, Mitchell Valdes Sosa, Basque Center on Cognition, Brain and Language, Donostia-San Sebastian, Spain

850 WTh-PM

Quantifying the link between Anatomical Connectivity and regional Cerebral Blood Flow - a DTI/ASL study

Balint Varkuti, Mustafa Cavusoglu, Alexander Kullik, Ralf Veit, Özge Yilmaz, Wolfgang Rosenstiel, Christoph Braun, Kamil Uludag, Niels Birbaumer, Ranganatha Sitaram, Institute of Medical Psychology and Behavioral Neurobiology, Tübingen, Germany

852 WTh-PM

Impact of the BDNF Val66Met Polymorphism on White Matter Tract Integrity in Healthy Humans

Tajvar Alam, Heike Tost, Matthew Geramita, Christine Rebsch, Kolachana Bhaskar, Herve Lemaitre, Alan Barnett, Dwight Dickinson, Daniel Weinberger, Stefano Marengo, NIH, Bethesda, United States

854 WTh-PM

Quench: A Tool for Rapid Interactive DWI Fiber Tract Segmentation

Anthony Sherbondy, Lee Perry, Shireesh Agrawal, Brian Wandell, Stanford University, Stanford, United States

856 WTh-PM

Reliability of Diffusion Tensor Imaging Measures in Subjects with and without Stroke

Rachel Hawe, Natalia Sanchez, Julius Dewald, Northwestern University, Chicago, United States

858 WTh-PM

Characterizing the topography of corticospinal pathways with high definition fiber tractography

Timothy Verstynen, Kevin Jarbo, Jeff Phillips, Sudhir Pathak, Walter Schneider, University of Pittsburgh, Pittsburgh, United States

860 WTh-PM

Improving axon-diameter measurements by direct diffusion-gradient waveform optimization

Ivana Drobnjak, Bernard Siow, Daniel Alexander, University College London, London, United Kingdom

862 WTh-PM

On the reproducibility and anatomical correspondence of DSI tractography

Alessandro Daducci, Xavier Gigandet, Gunnar Krueger, Leila Cammoun, Pasquina Marzola, Patric Hagmann, Reto Meuli, Jean-Philippe Thiran, Cristina Granziera, University of Verona, Verona, Italy

864 WTh-PM

Improving diffusion and functional MRI of the brain and spinal cord with a dedicated 32ch coil

Julien Cohen-Adad, Azma Mareyam, Jonathan Polimeni, Lawrence Wald, A.A. Martinos Center for Biomedical Imaging, Massachusetts General Hospital, Harvard Medical School, Charlestown, United States

866 WTh-PM

Fiber Demixing with the Tensor Distribution Function avoids errors in Fractional Anisotropy maps

Liang Zhan, Alex Leow, Neda Jahanshad, Arthur Toga, Paul Thompson, Laboratory of Neuro Imaging, UCLA, Los Angeles, United States

868 WTh-PM

High Resolution Interpolated Diffusion Tensor Images Used in Tractography of Injured Spinal Cord

Fahimeh Darki, Mohammad Ali Oghabian, Hooshang Saberi, Marjan Masoumi, Research Center for Science and Technology in Medicine, Tehran, Iran, Islamic Republic of

870 WTh-PM

Anomalous White Matter Connectivity is associated with response control in boys with ADHD

Deana Crocetti, Priti Srinivasan, Stewart Mostofsky, Kennedy Krieger Institute, Baltimore, United States

872 WTh-PM

Threefold time-reduced HARDI acquisition for DTI, Qball, and DSI via simultaneous multislice imaging

kawin setsompop, Julien Cohen-Adad, Jennifer McNab, Borjan Gagoski, ruopeng wang, Van Wedeen, Lawrence Wald, Massachusetts General Hospital, Charlestown, United States

874 WTh-PM

Measuring reliability of diffusion MRI-based estimation of neuroplasticity with residual bootstrap

Christopher Nguyen, Monica Bucci, Kelly Westlake, Srikantan Nagarajan, Roland Henry, UCSF, San Francisco, United States

IMAGING TECHNIQUES AND CONTRAST MECHANISM

EEG

876 WTh-PM

An ERP study of Congenital Amusia in Adults and Children: All In-tune but Unaware

Patricia Moreau, Pierre Jolicœur, Isabelle Peretz, Geneviève Mignault, BRAMS, University of Montreal, Montreal, Canada

878 WTh-PM

Evaluating Tinnitus with Auditory Evoked Potentials

Michelle Heijblom, Cecile de Vos, Mathieu Lenders, Michel van Putten, University of Twente, Enschede, Netherlands

880 WTh-PM

Measuring rhythmic synchronization without sample-size bias and independent of volume conduction

Martin Vinck, Martijn van Wingerden, Cyriel Pennartz, University of Amsterdam, Amsterdam, Netherlands

882 WTh-PM

Spatiotemporal characteristics of brain activities in attention-deficit hyperactivity disorder

Peter Robinson, Jong Won Kim, Cliff Kerr, School of Physics, The University of Sydney, Australia

884 WTh-PM

Quantitative EEG analysis of patients with schizophrenia in terms of auditory hallucination

Sang-Eun Shin, Hyo Jung Koh, Soon Jeong Lee, Seoul Metropolitan Eunpyeong Hospital, Seoul, Korea, Republic of

886 WTh-PM

eConnectome: An Open Software for Mapping and Imaging of Brain Functional Connectivity

Bin He, Yakang Dai, Laura Astolfi, Fabio Babiloni, Lin Yang, Han Yuan, University of Minnesota, Minneapolis, United States

888 WTh-PM

Gamma-band phase synchrony difference in processing visually presented L1 and L2 words

Kyung Hwan Kim, Jeong Woo Choi, Yonsei University, South Korea, Wonju, Korea, Republic of

890 WTh-PM

On the Number of Trials Needed for a Stable Feedback Related Negativity

David Cucurell, Nadine Strein, Antoni Rodriguez-Fornells, Thomas F. Münte, Josep Marco-Pallarés, UB, Hospitalet del Llobregat, Spain

892 WTh-PM

Multi-frequency phase locking in human somatosensory cortex

Angela Langdon, Tjeerd Boonstra, Michael Breakspear, University of New South Wales, Sydney, Australia

894 WTh-PM

Brain mapping using μ ECOG signals in the 250-400 Hz band

Xi Wang, Mortimer Gierthmuehlen, Christian Henle, Markus Raab, Thomas Stieglitz, Jan Kaminsky, Tonio Ball, Department of Microsystem Engineering (IMTEK), Albert-Ludwigs-University, Freiburg, Germany, Freiburg (im Breisgau), Germany

896 WTh-PM

Early detection of emotional prosody in newborns

Shinyi Lee, Ching-Po Lin, Yawei Cheng, Brain Science, Taipei, Taiwan, Republic of China

898 WTh-PM

Stimulus specificity of adaptation in human auditory cortex

Cris Lanting, Paul Briley, Katrin Krumbholz, MRC Institute of Hearing Research, Nottingham, United Kingdom

900 WTh-PM

Cross-frequency coupling in EEG revealed by adaptive oscillation tracking

Jérôme Van Zaen, Micah Murray, Reto Meuli, Jean-Marc Vesin, Swiss Federal Institute of Technology, Lausanne, Switzerland

902 WTh-PM

ECOG Study of the Human Posteromedial Cortex During Rest, Self-referential, and Arithmetic Tasks

Mohammad Dastjerdi, Brett Foster, Josef Parvizi, Stanford University, Stanford, United States

904 WTh-PM

Fluctuations of High Gamma Band Activity in Human Posteromedial Cortex During Rest, Task and Sleep

Brett Foster, Mohammad Dastjerdi, Josef Parvizi, Stanford University, Stanford, United States

906 WTh-PM

Towards Subject Specific Head Models for Improved High – Resolution EEG

Sergei Turovets, Adnan Salman, Kai Li, Allen Malony, Don Tucker, Neuroinformatics Center, University of Oregon, Eugene, United States

908 WTh-PM

Strong preference for everyday products modulates early frontal ERP responses

Isabel Taake, Fern Jaspers-Fayer, Gord Hotchkiss, Mario Liotti, Simon Fraser University, Burnaby, Canada

910 WTh-PM

Slowing of sensory event related potentials (ERPs) in migraine: Search for an endophenotype

Tony Steffert, Aleksander Valjamae, Jessica Fernandez-Morales, Juri Kropotov, Paul Verschure, Patricia Pozo-Rosich, Goldsmith, London, United Kingdom

IMAGING TECHNIQUES AND CONTRAST MECHANISM

Functional MRI

912 WTh-PM

Isotropic Sub-Millimeter fMRI in the Human Visual Cortex

Robin Heidemann, Fabrizio Fasano, Josef Pfeuffer, Dimo Ivanov, Robert Trampel, Joeran Lepsien, Robert Turner, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

914 WTh-PM

Revisiting Multi-Subject Random Effects in fMRI

Jonathan Rosenblatt, Yoav Benjamini, Tel Aviv University, Tel Aviv, Israel

916 WTh-PM

Endogenous Inhibition Modulates the Amplitude of the HRF but not resting cerebral blood flow

Suresh Muthukumaraswamy, John Evans, Richard Edden, Richard Wise, Krish Singh, Cardiff University, Cardiff, United Kingdom

918 WTh-PM*

Three dimensional echo-planar imaging at 7 Tesla (0-T6)

Benedikt Poser, Peter Koopmans, Thomas Witzel, Larry Wald, Markus Barth, Erwin L Hahn Institute for Magnetic Resonance Imaging, Essen, Germany

920 WTh-PM*

White matter fMRI activation in the internal capsule: co-localization with DTI tractography (O-T6)

Erin Mazerolle, Jodie Gawryluk, Ryan D'Arcy, National Research Council, Halifax, Canada

922 WTh-PM

Multi-shot high-speed 3D-EPI fMRI using GRAPPA and UNFOLD

Onur Afacan, Dana Brooks, Scott Hoge, Firdaus Janoos, Istvan A. Moroc, Northeastern University, Boston, United States

924 WTh-PM

Brain Response When Guessing the Laterality of Sound (when there is none)

Michael Stockman, Francois Lalonde, Ziad Saad, Jay Giedd, Michael Myslobodsky, NIMH, Bethesda, United States

926 WTh-PM

Evidence for a Decreased Activity of the Resting State Motor Network in Patients with ALS

Massimo Filippi, Martina Absinta, Federica Agosta, Paola Valsasina, Nilo Riva, Alessandro Prelle, Domenico Caputo, Michele Perini, Raffaella Fazio, Giancarlo Comi, Scientific Institute and University Hospital San Raffaele, Milan, Italy

928 WTh-PM

Test-retest reliability of an integrated attentional-emotional task

Martine Lamy, James Eliassen, Jane Allendorfer, Micheal Cerullo, Michelle Madore, Jing-Huei Lee, Melissa Delbello, Caleb Adler, Stephen Strakowski, University of Cincinnati, Cincinnati, United States

930 WTh-PM

A new registration method of EPI to T1-weighted image using BO fieldmap and B-spline registration

Dongha Lee, Seong-yong Park, Hae-Jeong Park, BK21 Project for Medical Science, Yonsei University College of Medicine, Seoul, Korea, Republic of

932 WTh-PM

GINdb : portable database for the storage and processing of human functional brain imaging data

Marc Joliot, Nicolas Delcroix, Laure Zago, Mathieu Vigneau, Fabrice Crivello, Gregory Simon, Laurent Petit, Marie-Renée Turbelin, Mikaël Naveau, Franck Lambertson, Pierre-Yves Hervé, Gael Jobard, Emmanuel Mellet, Bernard Mazoyer, Nathalie Tzourio-Mazoyer, UMR6232, CI-NAPS, Centre for Imaging-Neurosciences and Applications to Pathologies, CNRS, CEA, Caen, France

934 WTh-PM

The impact of integrating fMRI and DTI data in neurosurgical planning

Raimund Kleiser, Karin Nussbaumer, Mathilde Schnizer, Johannes Trenkler, Gabriele Wurm, LNK Wagner-Jauregg, Linz, Austria

936 WTh-PM

Calibration of Functional ASL based on Hypercapnia and Sensory Motor Activities

Sumiko Abe, Jerod Rasmussen, Jessica Turner, Liv McMillan, F BIRN, UC Irvine, irvine, United States

938 WTh-PM

Visual presentation time accuracy in a visual experiment for fMRI and NIRS

Kosuke KIYOHARA, Takahiro ODE, Motosuke KIYOHARA, Hideo Eda, Kiyohara Optics Inc, Tokyo, Japan

940 WTh-PM

The Resting-state Functional Alteration within Pain Matrix in Early-stage Amputees

Junran Zhang, Jinguang Du, Hong Xiao, Qiyong Gong, West China Hospital, ChengDu, SiChuan, China

942 WTh-PM

Impact of the parallel imaging reconstruction algorithm on the statistical sensitivity in fMRI

Lotfi CHAËRI, Sébastien MERIAUX, Jean-Christophe PESQUET, Philippe CIUCIU, Université Paris Est & CEA-NeuroSpin, GIF SUR YVETTE, France

944 WTh-PM

Auditory cortex activation dependence on temporal pattern of Imaging Acoustic Noise

Ruwan Ranaweera, Minseok Kwon, Shuowen Hu, Thomas Talavage, Purdue University, West Lafayette, United States

946 WTh-PM*

Calibrated fMRI using Fractional Volume of Gray Matter (O-Th6)

Wanyong Shin, Hong Gu, Xiujuan Geng, Thomas Ross, Yihong Yang, National Institute on Drug Abuse, Baltimore, United States

948 WTh-PM

NeuroPub - a Brain Visualisation Tool for iPad, iPhone and iPod touch

Lars Forsberg, Karolinska Institutet, Stockholm, Sweden

950 WTh-PM

tSNR in Volume-Selective z-Shim Compensation

Xia Jiang, Xiaodong Guo, Stefan Fischer, Jia-Hong Gao, The University of Chicago, Chicago, United States

952 WTh-PM

Evoked activity in the motor network during suprathreshold TMS to the primary motor cortex

Hitoshi Shitara, Tetsuya Shinozaki, Manabu Honda, Kenji Takagishi, Takashi Hanakawa, Gunma University Graduate School of Medicine, Maebashi, Japan

954 WTh-PM

Flow modulates resting-state BOLD functional connectivity

Wen-Chau Wu, National Taiwan University, Taipei, Taiwan, Republic of China

956 WTh-PM

Quantifying quality of patient data at 3 and 7 Tesla by contrast to noise evaluation

Alexander Geissler, Simon Robinson, Moritz Wurnig, Ilse Höllinger, Nicolaus Klinger, Susanne Gruber, Siegfried Trattnig, Roland Beisteiner, Study Group Clinical fMRI, Department of Neurology, Medical University of Vienna, Austria, Vienna, Austria

958 WTh-PM

The Best of Both Worlds: bSSFP with SENSE gives Distortion-free fMRI with High Temporal Resolution

Michael Chappell, Anders Kristoffersen, Norwegian University of Science and Technology, Trondheim, Norway

960 WTh-PM

The Neuroimaging Informatics Tools And Resources Clearinghouse (NITRC)

David Kennedy, Christian Haselgrove, Jeffery Grethe, Nina Preuss, University of Massachusetts Medical School, Worcester, United States

962 WTh-PM

Setting up a Large Multi-Centric Neuroimaging Behaviour and Genetic Database: the IMAGEN Example

Alexis Barbot, Yannick Schwartz, Benjamin Thyreau, Arno Klaassen, Ivo Klaassen, Anders Vestbø, Timothy Olsen, Maren Struve, Daniel Marcus, Patricia Conrod, Jean-Baptiste Poline, CEA Neurospin, Gif-sur-Yvette, France

964 WTh-PM

Identification of testosterone-dependant cerebral centers associated with visual sexual arousal

Gwang-woo Jeong, Sang-gook Song, Heoung-Keun Kang, Chonnam National University Hospital, Gwang-ju, Korea, Republic of

966 WTh-PM

Reducing Physiological Noise in 3D Brainstem FMRI: Cardiac Synchronization with Fixed Frame Rate

Rob Tijssen, Karla L Miller, FMRI, Oxford University, Oxford, United Kingdom

968 WTh-PM

Fractal Complexity of the Human Brain Cortex

Radu Mutihac, University of Bucharest, Bucharest, Romania

970 WTh-PM

Impairment of default-mode network connectivity in patients with cerebral glioma

Roberto Esposito, Dante Mantini, Gian Luca Romani, Armando Tartaro, Massimo Caulo, ITAB; Institute for Advanced Biomedical Technologies; Chieti-Pescara (Italy), Chieti, Italy

972 WTh-PM

Resting state fMRI in chronic lower back pain patients

Jennifer Kornelsen, Uta Sbotto-Frankenstein, Theresa McIver, Paul Wacnik, Neil Berrington, Boguslaw Tomanek, National Research Council Canada Institute for Biodiagnostics, Winnipeg, Canada

974 WTh-PM

Influence of the Stimulus Onset Asynchrony for the analysis of fMRI with ICA

Bogdan Mijovic, Maarten De Vos, Katrien Vanderperren, Nikolay Novitskiy, Bart Vanrumste, Peter Stiers, Bea Van den Bergh, Johan Wagemans, Lieven Lagae, Stefan Sunaert, Sabine Van Huffel, Katholieke Universiteit Leuven, Leuven, Belgium

976 WTh-PM

Memory-related hippocampal activity in humans at 7 Tesla – preliminary results from an fMRI study

Nina Theysohn, Shaozheng Qin, Stefan Maderwald, Benedikt Poser, Hein van Marle, Jens Theysohn, Mark Ladd, Elke Gizewski, Guillén Fernández, Indira Tendolkar, University Hospital Essen, Essen, Germany

978 WTh-PM

Comparison of Functional SNR Using a 12-channel versus Circular Polarized RF Coil

John VanMeter, Stanley Fricke, Kyle Shattuck, Rachael Renton, Andrew Breeden, Jasmit Brar, Adebanke Adeyemo, Jean Kuch, Maximilian Riesenhuber, Xiong Jiang, Georgetown University Medical Center, Washington, United States

980 WTh-PM

Real-time Functional MRI at 3 Tesla using Parallel Multiple-Slab Echo Volumar Imaging

Stefan Posse, Akio Yoshimoto, Jochen Rick, Kwaku Akrofi, Elena Ackley, Oliver Speck, University of New Mexico School of Medicine, Albuquerque, United States

982 WTh-PM

Evaluation of the usefulness of application fMRI to neurosurgery treatment. A preliminary study

Pawel Soluch, Tomasz Wolak, Iwona Szatkowska, Wojciech Szeszkowski, Ewa Piatkowska - Janko, Andrzej Marchel, Piotr Bogorodzki, Department of Neurosurgery Medical University of Warsaw, Warsaw, Poland

984 WTh-PM

Simulated fMRI Toolbox

Didem Gokcay, Dogus Turkey, METU Informatics Institute, Ankara, Turkey

986 WTh-PM

fMRI study of Magno and Parvocellular visual pathways in Parkinson's Disease

Marcelo Felix, Claudia Feitosa-Santana, Ellison Cardoso, Joao Sato, Liliana Jorge, Marcelo Funari, Luiz Carlos Silveira, Dora Ventura, Edson Amaro, Instituto do Cerebro, Hospital Israelita Albert Einstein (HIAE), Sao Paulo, Brazil

988 WTh-PM

Streamlining fMRI analysis using R and the "fmrire" library

Bradley Buchsbaum, Rotman Research Institute, Toronto, Canada

990 WTh-PM

Investigation of Acupoint Specificity by Multivariate Granger Causality Analysis from fMRI data

Yuanyuan Feng, Lijun Bai, Wensheng Zhang, Jie Tian, Institute of Automation Chinese Academy of Sciences, Beijing, China

992 WTh-PM

Anomalous fronto-striatal functional connectivity in children with histories of early deprivation

Michael E. Behen, Piti Sinsoongsud, JeongWon Jeong, Cortney Wolfe-Christensen, Benjamin Wilson, Robert Rothermel, Harry Chugani, Wayne State University, Detroit, United States

IMAGING TECHNIQUES AND CONTRAST MECHANISM

MEG

994 WTh-PM

The BrainVISA project: a shared software development infrastructure for biomedical imaging research

Yann Cointepas, Dominique Geffroy, Nicolas Souedet, Isabelle Denghien, Denis Rivière, CEA - IFR 49, Gif-sur-Yvette, France

996 WTh-PM

Earlier face processing was preserved in congenital prosopagnosia: an MEG study

Yutaka Kato, Motoichiro Kato, Fumie Saito, Masuro Shintani, Keisuke Takahata, Haruo Kashima, Department of Neuropsychiatry, Keio University school of Medicine, Tokyo, Japan

998 WTh-PM

Comparison of individual and group-level mapping of oscillatory brain activity

Hannu Laaksonen, Jan Kujala, Annika Hulten, Mia Liljeström, Riitta Salmelin, Brain Research Unit, Low Temperature Laboratory, Aalto University School of Science and Technology, Espoo, Finland

1000 WTh-PM

A Particle Filtering toolbox for MEG

Cristina Campi, Annalisa Pascarella, Alberto Sorrentino, Michele Piana, Università di Genova, Genova, Italy

1002 WTh-PM

Precise mapping of the somatotopic hand area using neuromagnetic steady-state responses

Shahab Jamali, Bernhard Ross, University of Toronto, Toronto, Canada

1004 WTh-PM

Categorization of MEG responses by gaze direction

Lotta Hirvenkari, Veikko Jousmäki, Satu Lamminmäki, Veli-Matti Saarinen, Mikko Sams, Riitta Hari, Brain Research Unit, Low Temperature Laboratory, Aalto University School of Science and Technology, Espoo, Finland

1006 WTh-PM

Comparing mass-univariate and multivariate thresholds in MEG source space

Gareth Barnes, Vladimir Litvak, Karl Friston, Wellcome Trust Center for Neuroimaging, London, United Kingdom

1008 WTh-PM

Streamlining the processing of MEG data

Ian Holliday, Caroline Witton, Aston University, BIRMINGHAM, United Kingdom

1010 WTh-PM

Maximum entropy on the Mean for source localization of epileptic activity in MEG

Rasheda Chowdhury, Yann Potiez, Masoud Sangani, Jean-Marc Lina, Eliane Kobayashi, Christophe Grova, Biomedical Engineering Dept., McGill University, Montreal, Canada

1012 WTh-PM

Asymmetric cancellation of MEG signals from human auditory cortex: a simulation study

Marnie Shaw, Alexander Gutschalk, University of Heidelberg, Heidelberg, Germany

1014 WTh-PM

Saccadic Spike Potentials in Gamma-Band EEG and MEG: Characterization, Detection and Suppression

Alon Keren, Shlomit Yuval-Greenberg, Zaifeng Gao, Shlomo Bentin, Leon Deouell, The Hebrew University of Jerusalem, Jerusalem, Israel

1016 WTh-PM

MEG-Clinic: a comprehensive software solution for routine MEG analysis

Elizabeth Bock, Sylvain Baillet, Medical College of Wisconsin, Milwaukee, United States

LANGUAGE

Comprehension

1018 WTh-PM

fMRI-guided TMS reveals that the STS is a Cortical Locus of the McGurk Effect

Michael Beauchamp, Audrey Nath, Siavash Pasalar, University of Texas Medical School at Houston, Houston, United States

1020 WTh-PM

Task performance predicts language lateralization in an fMRI study

Jerzy Szaflarski, Jane Allendorfer, Christopher Lindsell, Christi Banks, Scott Holland, University of Cincinnati, Cincinnati, United States

1022 WTh-PM

Block-design vs. event-related fMRI tasks for evaluating language processing

Jane Allendorfer, Christi Banks, Jennifer Vannest, Christopher Lindsell, Scott Holland, Jerzy Szaflarski, University of Cincinnati, Cincinnati, United States

1024 WTh-PM

Network modulation during complex syntactic processing

Dirk Den Ouden, Dorothee Saur, Sladjana Lukic, Eisha Wali, Cynthia Thompson, Northwestern University, Evanston, United States

1026 WTh-PM

Reproducibility of fMRI Activations associated with Auditory Sentence Comprehension

Javier Gonzalez Castillo, Thomas Talavage, Purdue University, West Lafayette, United States

1028 WTh-PM

Discourse emotional content affects language comprehension

Laura Jimenez-Ortega, Manuel Martín-Loeches, Pilar Casado, Alejandra Sel, Sabela Fondevila, Center for Human Evolution and Behaviour UCM-ISCI, Madrid, Spain

1030 WTh-PM

Variation of language activation in patients with brain tumors demonstrated by fMRI

Takashi Nihashi, Shigenori Takebayashi, Masahiko Bundo, Masazumi Fujii, Toshihiko Wakabayashi, Shinji Naganawa, Kazumasa Hayasaka, Nagoya University Graduate School Of Medicine, Nagoya, Japan

1032 WTh-PM

Beta Oscillation Relates with the Event Related Field During Language Processing

Lin Wang, Marcel Bastiaansen, Ole Jensen, Peter Hagoort, Yufang Yang, Radboud University Nijmegen, Donders Institute (RU/DI-BCB), Nijmegen, Netherlands

1034 WTh-PM

The right posterior inferior frontal gyrus contributes to efficient phonological word decisions

Gesa Hartwigsen, Cathy Price, Annette Baumgaertner, Gesine Geiss, Maria Koehnke, Stephan Ulmer, Hartwig Siebner, Department of Neurology, Christian-Albrechts-University Kiel, Kiel, Germany

1036 WTh-PM

Neural Correlates of semantic integration in compound word comprehension

Dirk Koester, Henning Holle, Niels Schiller, Center of Excellence - Cognitive Interaction Technology, Bielefeld, Germany

1038 WTh-PM

Semantic processing of counter-intuitive religious ideas by the human brain

Sabela Fondevila, Manuel Martín-Loeches, Laura Jimenez-Ortega, Pilar Casado, Alejandra Sel, Anabel Fernández, Werner Sommer, Center for Human Evolution and Behaviour UCM-ISCI, Madrid, Spain

1040 WTh-PM

Processing Grammatical Gender and Classifiers

Laurie Stowe, Yifei He, Hanneke Loerts, Laura Sabourin, University of Groningen, Groningen, Netherlands

1042 WTh-PM

Different neural correlates of conceptual processing of Chinese nouns and verbs

Xi Yu, Sam-Po Law, Zaizhu Han, Chaozhe Zhu, Yancho Bi, The University of Hong Kong, hong kong, Hong Kong

1044 WTh-PM

Neural processing of negative emotional information in irony comprehension: An fMRI study

Midori Shibata, Akira Toyomura, Hiroaki Itoh, Koji Shimada, Jun-ichi Abe, Department of Psychology, Hokkaido University, Sapporo, Japan

1046 WTh-PM

Revisiting Intelligible Speech with Multivariate Pattern Analysis

Sam Evans, Jeong-Sug Kyong, Stuart Rosen, Narly Golestani, Jane Warren, Sophie Scott, UCL, London, United Kingdom

1048 WTh-PM

The neural intersection of language production, perception, and action observation

Pascale Tremblay, Steven Small, The University of Chicago, Chicago, United States

1050 WTh-PM

Dynamic Causal Modeling of the Effect of Syntactic Complexity During Spoken Sentence Processing

Doug Davidson, Burkhard Maess, Thomas Knösche, Angela Friederici, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

1052 WTh-PM

How specifically are action verbs represented within the neural motor system?

Wessel van Dam, Shirley-Ann Rueschemeyer, Harold Bekkering, Donders centre for Cognition, Nijmegen, Netherlands

1054 WTh-PM

Semantic ambiguity processing as a function of proficiency in Sino-Koreans: an fMRI study

Hyeon-Ae Jeon, Su Jin Hong, Sang Han Choi, Uk Su Choi, Young-Bo Kim, Zang Hee Cho, Neuroscience research institute, Incheon, Korea, Republic of

1056 WTh-PM*

Empathy Matters for Social Language Processing: ERP Evidence from Individuals with and without ASD (O-T3)

Danielle van den Brink, Jos Van Berkum, Jan Buitelaar, Peter Hagoort, Radboud University Nijmegen, Donders Institute (RU/DI-BCB), Nijmegen, Netherlands

1058 WTh-PM

Sudden changes in psychoacoustical properties reveal differences between music and language

Andreas Horn, Cornelius Weiller, Volkmar Glauche, Roza Umarova, Mariacristina Musso, Department of Neurology, University Medical Center Freiburg, Freiburg, Germany

1060 WTh-PM

Interactive Alignment: Investigating Intersubject Synchronization of Oscillations with MEG and DICS

Nienke Hoogenboom, Joachim Gross, Simon Garrod, CCNi, Dept of Psychology, University of Glasgow, Glasgow, United Kingdom

1062 WTh-PM

Language perception vs. language production: developmental trends in fMRI

Karen Lidzba, Marko Wilke, Wolfgang Grodd, Inge Krägeloh-Mann, University Children's Hospital, Tübingen, Germany

1064 WTh-PM

Differential inferior frontal activation by an implicit lexical decision task

Karsten Specht, Helene Hjelmervik, Berge Osnes, Kenneth Hugdahl, University of Bergen, Bergen, Norway

1066 WTh-PM

An MEG study of oscillatory brain responses to spoken words

Jon Brock, Blake Johnson, Paul Sowman, Samantha Calacouris, Patrick Heck, Macquarie Centre for Cognitive Science, Sydney, Australia

1068 WTh-PM

MEG reveals shared resources for speech rhythm and syntax

Kathrin Rothermich, Burkhard Maess, Moritz Dannhauer, Siemen Sikkema, Maren Schmidt-Kassow, Thomas Knösche, Sonja Kotz, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

1070 WTh-PM

LIFG is essential for syntax: Functional, structural and performance measures in LH damaged patients

Billi Randall, Barry Devereux, Marina Papoutsis, Jie Zhuang, Paul Wright, Lorraine Tyler, University of Cambridge, Cambridge, United Kingdom

1072 WTh-PM*

Gamma band representation of amplitude and frequency modulation in Heschl's gyrus (O-Th5)

Tzai-Wen Chiu, Paul Wai-Fung Poon, John F. Brugge, Hiroyuki Oya, Richard A. Reale, Hiroto Kawasaki, Kirill Nourski, Haiming Chen, Matthew A. Howard III, Dept of Biological Science and Technology, National Chiao Tung University, Hsinchu, Taiwan, Republic of China

1074 WTh-PM

Cortical functional alteration in word-reading processes in patients with left temporal lobe tumors

Masahiko Bundo, Akinori Nakamura, Kengo Ito, National center for geriatrics and gerontology, Obu, Japan

1076 WTh-PM

Spatio-temporal Brain Dynamics During the Comprehension of Non-canonical Spanish Sentences

David del Río, Fernando Maestú, Ramón Lopez-Higes, Stephan Moratti, Ricardo Gutiérrez, Javier González-Marqués, Ceferino Maestu, Francisco del Pozo, Center of Biomedical Technology. Universidad Politécnica de Madrid, Madrid, Spain

1078 WTh-PM

Mapping Anterior Temporal Lobe Language Areas with a Novel fMRI Task

William Gross, Jeffrey Binder, Medical College of Wisconsin, Milwaukee, United States

1080 WTh-PM

The syllable as a relevant unit for speech perception in German – an ERP study

Heidrun Bien, Pienie Zwitserlood, University of Muenster, Muenster, Germany

1082 WTh-PM

Neurophysiological correlates of semantic priming in 6 year old German-English bilinguals

Manfred Gugler, Isabell Wartenburger, Arturo Hernandez, Charité University Medicine, Berlin, Germany

1084 WTh-PM

The situation model: Evidence for supramodal narrative shifts from behavioural and fMRI experiments

Juliane Klann, Stephanie Schulte, Julia Pockett, Tilo Kircher, Luise Springer, Walter Huber, ICNS Aachen, University Hospital RWTH Aachen University, Aachen, Germany

1086 WTh-PM

Understanding speaker meaning: neural correlates of pragmatic inferencing in language comprehension

Jana Basnakova, Kirsten Weber, Karl-Magnus Petersson, Peter Hagoort, Jos Van Berkum, Max Planck Institute for Psycholinguistics, Nijmegen, Netherlands

1088 WTh-PM

Semantic processing in bilinguals: an event-related fMRI study using a word categorization task

Asaid Khateb, Michaël Mouthon, Simon Stéphane R., Alan Pegna, Francois Lazeyras, Caroline Lehr, Hannelore Lee-Jahnke, Jean-Marie Annoni, Geneva University Hospitals, Laboratory of Experimental Neuropsychology (LENPSY), Geneva, Switzerland

1090 WTh-PM

An fMRI Investigation of Phonological Priming

Lisa B. Wilson, Jason R. Tregellas, Erin Slason, Bryce E. Pasko, Donald C. Rojas, University of Colorado Denver, Aurora, United States

LANGUAGE

Language Acquisition

1092 WTh-PM

The Bilinguals' Lexical Access: An fMRI Study

Jeongseon Kim, Hyosun Jung, Seungbok Lee, Chungbuk National University, Cheongju-si, Korea, Republic of

1094 WTh-PM

Developmental changes in the inferior parietal lobule for semantic integration

Tai-Li Chou, Shu-Hui Lee, Li-Ying Fan, James Booth, National Taiwan University, Taipei, Taiwan, Republic of China

1096 WTh-PM

Brain correlates of language membership processing in the bilingual brain: an fMRI study

Ana Sanjuán, Julio González, Noelia Ventura-Campos, Aina Rodríguez-Pujadas, César Ávila, Universitat Jaume I, Castellón, Spain

1098 WTh-PM

Brain meets new word: neurophysiological correlates of word learning and memory trace formation

Yury Shtyrov, Friedemann Pulvermuller, MRC Cognition & Brain Sciences Unit, Cambridge, United Kingdom

1100 WTh-PM

Correlation between cortical gray matter volume and proficiency in second language

Chihiro Hosoda, Takashi Hanakawa, Satoshi Tanaka, Tadashi Nariai, Kikuo Ohno, Manabu Honda, Tokyo Medical and Dental University, Tokyo, Japan

1102 WTh-PM

White Matter Anisotropy in the Right Dorsal Language Pathways Predict Language Learning Performances

huadong xiang, Tessa van Leeuwen, David Norris, Peter Hagoort, Radboud University Nijmegen, Donders Institute (RU/DI-BCB), Nijmegen, Netherlands

1104 WTh-PM

The Maturation of Expressive Language Lateralization Patterns Revealed by Optical Imaging

Berta Gonzalez-Frankenberger, Phetsamone Vannasing, Olivia Florea, Julie Tremblay, Natacha Paquette, Anne Gallagher, Béland Renée, Maryse Lassonde, University of Montreal, Montreal, Canada

1106 WTh-PM

The emergence of shared meaning during acquisition of novel words (an EEG study)

Raphael Fargier, Sabine Ploux, Anne Reboul, Jean-Baptiste Van der Hernst, Yves Paulignan, Tatjana Nazir, L2C2-ISC, CNRS/UCBL UMR 5230, BRON, France

MEMORY AND LEARNING

Learning (Explicit and Implicit)

1108 WTh-PM

Subliminal Cueing Effects on Delayed Intention Execution: fMRI study

Teruo Hashimoto, Satoshi Umeda, Shozo Kojima, Riken Brain Science Institute, Wako, Japan

1110 WTh-PM

Hippocampal Volume Affects Contextual but not Cued Fear Conditioning in Humans

Sebastian Pohlack, Frauke Nees, Claudia Liebscher, Slawomira Diener, Stephanie Ridder, Friedrich Woermann, Herta Flor, Central Institute of Mental Health, Mannheim, Germany

1112 WTh-PM

Learning to play a melody: an fMRI study examining the formation of auditory-motor representations

Joyce Chen, Charlotte Rae, Kate Watkins, University of Oxford, Oxford, United Kingdom

1114 WTh-PM

Cognitive Profile of Hebrew-speaking University Students During a Linguistic Implicit Learning Task

Hedva Meiri, Zvia Breznitz, University of Haifa, Haifa, Israel

1116 WTh-PM

Changes in effective connectivity underlying Repetition Suppression in visual words

Osnat Goori Mussel, Tali Bitan, Asaf Gilboa, James Booth, Dept. of Psychology, Haifa University, Haifa, Israel

1118 WTh-PM

Neural correlates of Hebb repetition learning

Kristjan Kalm, matthew davis, Dennis Norris, University of Cambridge, Cambridge, United Kingdom

1120 WTh-PM

Memory Impairment in MS correlates to Hemodynamic Response in Event-related fMRI of Episodic Memory

Katherine Koenig, Blessy Mathew, Steven Rao, Micheal Phillips, Mark Lowe, Cleveland Clinic, Cleveland, United States

1122 WTh-PM

A cortical trio enabling acquisition and storage of long perceptual sequences

Ricarda I. Schubotz, D. Yves von Cramon, Iring Koch, Anne B. Kühn, Max Planck Institute for Neurological Research, Cologne, Germany

1124 WTh-PM

In Vivo Visualization of Serotonergic Neurotransmission in Spatial Learning: An [18F]MPPF PET Study

Yifat Glikmann-Johnston, Michael Saling, Jian Chen, Graeme O'Keefe, Sylvia Gong, Henri Tochon-Danguy, Rachel Mulligan, David Reutens, Functional Brain Center, Wohl Institute for Advanced Imaging, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

1126 WTh-PM

Hippocampal activation detected during transverse patterning in children and adults using MEG

Laura Hopf, Maher Quraan, Marc Lalancette, Margot Taylor, Sandra Moses, The Hospital for Sick Children, Toronto, Canada

1128 WTh-PM

Different cortical modulatory effects on subcortical regions for reward and penalty processing

Jinhee Kim, Hyejin Kang, Eunjo Kang, Kangwon National University, Chuncheon, Korea, Republic of

1130 WTh-PM

The emergence of explicit memory during incidental learning

Michael Rose, Hilde Haider, Christian Büchel, Department for Systems Neuroscience; University Medical Center Hamburg Eppendorf, Hamburg, Germany

1132 WTh-PM

Learning Related Neuromagnetic Activation of Somatosensory Cortex by a Conditioned Auditory Stimulus

Zainab Fatima, Sandra Moses, Tim Bardouille, Tanya Brown, Bernhard Ross, Anthony McIntosh, University of Toronto, Mississauga, Canada

1134 WTh-PM

Repeated performance of a simulation task results in BOLD reductions within default network regions

Gagan Wig, Adrian Gilmore, Daniel Schacter, Harvard University, Cambridge, United States

1136 WTh-PM

Cortical thickness correlates of verbal learning strategies in healthy young adults

Ji-Won Hur, Wi Hoon Jung, Nayoung Shin, Ji Yeon Han, Joon Hwan Jang, June Sic Kim, Chun Kee Chung, Jun Soo Kwon, Department of Brain & Cognitive Sciences-WCU program, Seoul National University, Seoul, Korea, Republic of

1138 WTh-PM

Changes in Functional Integration Following Consolidation of a Motor Sequence Learning Task

Karen Debas, Julie Carrier, Pierre Orban, Marc Barakat, Pierre Bellec, David Coynel, Marrelec Guillaume, Vincent Perlberg, Stephane Lehericy, Benali Habib, Julien Doyon, Université de Montréal, Montreal, Canada

1140 WTh-PM

Frontal and posterior repetition suppression in conceptual/ perceptual priming and recognition tasks

Chun-Yu Lin, Adam Lester, Joshua Reynolds, Lee Ryan, National Cheng Kung University, Tainan City, Taiwan, Republic of China

MEMORY AND LEARNING

Long-term Memory (Episodic, Semantic, Autobiographical)

1144 WTh-PM

Spatial Navigation, Environmental Novelty, and Theta: a MEG study

Raphael Kaplan, Christian Doeller, Vladimir Litvak, Gareth Barnes, Emrah Duzel, Neil Burgess, NIH-UCL Neuroscience Graduate Partnership Program, Bethesda, United States

1146 WTh-PM

Inhibitory Control of Long-Term Memories: A Neurogenetic Imaging Study

Maria Wimber, Franziska Wendler, Björn Schott, Karl-Heinz Bäuml, Alan Richardson-Klavehn, University of Magdeburg, Magdeburg, Germany

1148 WTh-PM

Musicians exhibit neuroplasticity of semantic maps for musical instruments in auditory cortex

Klaus Hoenig, Cornelia Müller, Bärbel Herrnberger, Eun-Jin Sim, Manfred Spitzer, Günter Ehret, Markus Kiefer, University of Ulm, Ulm, Germany

1150 WTh-PM

Neural Responses to Face with Similar Appearance as Revealed by Event-Related fMRI

Tetsuya Iidaka, Tokiko Harada, Jun Kawaguchi, Yuka Nishiyama, Takaaki Ogawa, Yohei Yamada, Norihiro Sadato, Nagoya University, Graduate School of Medicine, Department of Psychiatry, Nagoya, Japan

1152 WTh-PM

Simultaneous EEG-fMRI recordings reveal the two faces of voluntary forgetting

Simon Hanslmayr, Gregor Volberg, Markus Raabe, Stefanie Birkner, Anna Karmann, Maria Wimber, Mark Greenlee, Karl-Heinz Bäuml, University of Regensburg, Regensburg, Germany

1154 WTh-PM

Remembering words from a navigation task activates self consciousness regions: An fMRI study

Alice Gomez, Stéphane Rousset, Emilie Cousin, Cédric Pichat, Eric Guinet, Monica Baciú, Laboratoire de Psychologie & NeuroCognition (CNRS UMR 5105), Grenoble, France

1156 WTh-PM

Functional MRI reveals distinct mechanisms of social conformity in conformists and nonconformists

Nikolai Axmacher, Christian Montag, Juergen Fell, Lorena Deuker, Thorsten Kranz, Bernd Weber, Christian Elger, Martin Reuter, University of Bonn, Bonn, Germany

1158 WTh-PM

Perceptual and response components to repetition-related neural changes: evidence from fMRI and EEG

Aidan Horner, Richard Henson, MRC Cognition and Brain Sciences Unit, Cambridge, United Kingdom

1160 WTh-PM

Familiarity and novelty contributions to recognition memory: A mixed-design fMRI study

Alexandros Kafkas, Daniela Montaldi, University of Manchester, Manchester, United Kingdom

1162 WTh-PM

Recollection and Familiarity – New Insights with Independent Component Analysis?

Denise Dörfel, Kersten Diers, Annett Werner, Anke Karl, Technische Universität Dresden, Biopsychology Unit, Dresden, Germany

1164 WTh-PM

Differences in hippocampus and amygdala response between explicit and implicit conceptual memory

Cristina Ramponi, Ferath Kherif, Phillip Barnard, Richard Henson, MRC Cognition and Brain Sciences Unit, Cambridge, United Kingdom

1166 WTh-PM

Individual variability in whole brain maps of task-related activity: what are the important factors?

Elissa Aminoff, Christine Tipper, Amy Frithsen, Arianne Johnson, Scott Freeman, David Clewett, Scott Grafton, Michael Miller, UC Santa Barbara, Santa Barbara, United States

1168 WTh-PM*

When are anti-correlations bad? Large-scale network dynamics supporting contextual recollection (O-M1)

Alex Fornito, Ben Harrison, Jon Simons, University of Cambridge, Cambridge, United Kingdom

1170 WTh-PM

MEG Power Difference in Human Auditory Cortex During a Cross-modal, Long-term Memory Task

Ajay Pillai, Jason Smith, Jessica Gilbert, Yvonne Szymko-Bennett, Tom Holroyd, Barry Horwitz, NIDCD/NIH, Bethesda, United States

1172 WTh-PM***Theta oscillations reflect the dynamics of interference in episodic memory retrieval (O-M1)**

Tobias Staudigl, Simon Hanslmayr, Karl-Heinz Bäuml, University of Magdeburg, Magdeburg, Germany

1174 WTh-PM***Seed-based and model-free connectivity in shallow sleep after learning (O-M1)**

Eelco van Dongen, Atsuko Takashima, Markus Barth, David Norris, Guillén Fernández, Radboud University Nijmegen, Donders Institute (RU/DI-BCB), Nijmegen, Netherlands

1176 WTh-PM**Concealing guilty knowledge by retrieval suppression in an ERP memory detection test**

Zara Bergström, Michael Anderson, Marie Buda, Jon Simons, Alan Richardson-Klavehn, Behavioural & Clinical Neurosciences Institute, University of Cambridge, Cambridge, United Kingdom

1178 WTh-PM**Functional Neuroanatomy of Associative Memory in Children Lacking Thyroid Hormone during Pregnancy**

Joanne Rovet, Sarah Wheeler, Erin Sheard, Jovanka Skocic, Mary Pat McAndrews, Hospital for Sick Children, Toronto, Canada

1180 WTh-PM**Neural activity associated with goal-directed simulation of future events**

Katrin Gerlach, Gagan Wig, R. Nathan Spreng, Adrian Gilmore, Daniel Schacter, Harvard University, Cambridge, United States

1182 WTh-PM**Relational and Temporal Binding in a Patient with Parietal Atrophy**

Lily Riggs, Esther Oziel, Tim Bardouille, Julia Shaw, Jennifer Ryan, Rotman Research Institute / University of Toronto, Toronto, Canada

1184 WTh-PM**Mutual and distinct brain areas activated by different forms of declarative memory**

Virginia Flanagan, Melanie Graetsch, Carolina Roselli, Stefan Glasauer, Steffen Gais, Bernstein Center for Computational Neuroscience, Munich, Germany

1186 WTh-PM**Study-test visual similarity affects recognition memory and medial temporal lobe activity**

Rosanna Olsen, Jessica Wilson, Nicolas Davidenko, Jonathan Drucker, Anthony Wagner, Rotman Research Institute, Toronto, Canada

1188 WTh-PM**Left parietal activation during retrieval of past perceived versus imagined events**

Danielle King, Michael Miller, University of California, Santa Barbara, Santa Barbara, United States

1190 WTh-PM**Medial temporal lobe involvement in semantic memory retrieval: fMRI imaging of category fluency**

Mary Pat McAndrews, Idara Edem, University Health Network - U of Toronto, Toronto, CA

MODELING AND ANALYSIS**Bayesian Modeling****1192 WTh-PM*****Bayesian comparison of local electrovascular coupling models using simultaneous EEG-fMRI (O-W6)**

Maria Joao Rosa, James Kilner, Nelson Trujillo-Barreto, Jean Daunizeau, Felix Blankenburg, Oliver Josephs, Will Penny, Wellcome Trust Centre for NeuroImaging, UCL, London, United Kingdom

1194 WTh-PM**Surface-based joint detection-estimation of brain activity in functional MRI**

Thomas VINCENT, Alan TUCHOLKA, Philippe CIUCIU, CEA - NeuroSpin, Gif sur Yvette, France

1196 WTh-PM**How to deal with brain deactivations in the joint detection-estimation framework?**

Laurent RISSER, Thomas VINCENT, Florence FORBES, Jérôme IDIER, Philippe CIUCIU, Institute for Mathematical Sciences, Imperial College, London, United Kingdom

1198 WTh-PM**Hierarchical Bayesian model for multi-subject studies in dynamic causal modeling**

Christian Kasess, Florian Ph.S Fischmeister, Veronika Schoepf, Ewald Moser, Christian Windischberger, MR Centre of Excellence, Medical University Vienna, Vienna, Austria

1200 WTh-PM**A novel variational Bayesian factor partition for spatiotemporal decomposition of resting-state fMRI**

Yi-Ou Li, Srikantan Nagarajan, Hagai Attias, Pratik Mukherjee, University of California San Francisco, San Francisco, United States

1202 WTh-PM

Dynamic Linear Models applied to the estimation of signal-to-noise ratio in fMRI time series

Alicia Quiros, Raquel Montes Diez, Universidad Rey Juan Carlos, Mostoles, Spain

1204 WTh-PM

Backward connections mediate induced responses

CC Chen, James Kilner, Stefan Kiebel, Nick Ward, Klaas Stephan, Friston Karl, Institute of Biomedical Engineering, NCU, Jhongli, Taiwan, Republic of China

MODELING AND ANALYSIS

Bold fMRI

1206 WTh-PM

Image Analysis and Statistical Inference in Neuroimaging with R

Karsten Tabelow, Jonathan Clayden, Pierre Lafaye de Micheaux, Joerg Polzehl, Volker Schmid, Brandon Whitther, WIAS Berlin / MATHEON, Berlin, Germany

1208 WTh-PM

Robustly accounting for vascular reactivity differences across subjects using breath-hold

Kevin Murphy, Ashley Harris, Richard Wise, CUBRIC, School of Psychology, Cardiff University, Cardiff, United Kingdom

1210 WTh-PM

Hyperoxic versus Hypercapnic calibration (M)-values under precise control of end-tidal CO₂ and O₂

Clarisse Mark, Joseph Fisher, Bruce Pike, Montreal Neurological Institute, Montreal, Canada

1212 WTh-PM

Robustness of Hurst Exponent Estimates from BOLD fMRI Time Series Towards Additive Confounders

Kaare Mikkelsen, Torben Lund, Alberto Imparato, Aarhus University, Aarhus C, Denmark

1214 WTh-PM

A Neighborhood Method for Statistical Analysis of fMRI Data

Sung-Ho Kim, Fayyaz Ahmad, KAIST, Daejeon, Korea, Republic of

1216 WTh-PM

Improving selection stability of multiple testing procedures for fMRI

Joke Durnez, Beatrijs Moerkerke, Ghent University, Gent, Belgium

1218 WTh-PM

Spatiotemporal BOLD hemodynamics from a poroelastic hemodynamic model

Peter Robinson, Peter Drysdale, Jacqueline Huber, Kevin Aquino, School of Physics, The University of Sydney, Australia

1220 WTh-PM

Baseline BOLD Coherence Predicts Individual's BOLD Responses to Stimulus

Xiao Liu, Xiao-Hong Zhu, Wei Chen, CMRR, University of Minnesota, Minneapolis, United States

1222 WTh-PM

The default mode network shows a stable circadian rhythm of activation in young subjects

Janusch Blautzik, Celine Vetter, Evgeny Gutyrchik, Isabella Peres, Maximilian Reiser, Thomas Meindl, Institute of Clinical Radiology, LMU, Munich, Germany

1224 WTh-PM

Calibrated fMRI: Alteration in Neurovascular Coupling During a Cognitive Stroop Task in Aging Brain

Rafat Mohtasib, Vanessa Sluming, Laura Parkes, The University of Liverpool, Liverpool, United Kingdom

1226 WTh-PM

Effect of an Adenosine Deaminase Polymorphism on the Hemodynamic Response Function Estimated by fMRI

Ariane Foret, Laura Mascetti, Luca Matarazzo, Vincenzo Muto, Hans-Peter Landolt, Vinciane Dideberg, Vincent Bours, Evelyne Balteau, Christophe Phillips, Pierre Maquet, Cyclotron Research Centre, University of Liège, Liège, Belgium

1228 WTh-PM

The infant haemodynamic response function recorded with fMRI and fNIRS

Anna Blasi, Evelyne Mercure, Sarah Lloyd-Fox, Alex Thomson, Mick Brammer, Clare Elwell, Mark Johnson, Declan Murphy, Institute of Psychiatry, Kings College London, United Kingdom

1230 WTh-PM

Four Compartment Transient Oxygen Delivery Model

Reswanul Khan, David Ress, The University of Texas at Austin, Austin, United States

1232 WTh-PM

A spatiotemporal HRF derived from physiology

Kevin Aquino, Peter Drysdale, Peter Robinson, School of Physics, The University of Sydney, Australia

1234 WTh-PM

Adaptive Thresholding to Improve Sensitivity in Single-Trial Simultaneous EEG/fMRI

Megan deBettencourt, Robin Goldman, Truman Brown, Paul Sajda, Columbia University, New York, United States

1236 WTh-PM

Adult Patterns of Resting-state Networks in Early Childhood

Henrica De Bie, Maria Boersma, Henriette Delemarre- van de Waal, Dick Veltman, Ernesto Sanz-Arigita, VU University Medical Center, Ouderkerk a/d Amstel, Netherlands

1238 WTh-PM

Localized changes in BOLD power spectral density during a cold pressor challenge

Frances Robertson, Tania Douglas, Ernesta Meintjes, University of Cape Town, Cape Town, South Africa

1240 WTh-PM

Effect of Modelling Physiological Confounds in Ictal Video-EEG-fMRI: GLM based Analysis

Umair Chaudhary, Roman Rodionov, Rachel Thornton, John Duncan, Louis Lemieux, UCL Institute of Neurology, London, United Kingdom

1242 WTh-PM

Intersubject Variability in Transient and Sustained fMRI Signals from Somatosensory and Motor Cortex

Michael Marxen, Bernhard Ross, Ryan Cassidy, Simon Graham, Rotman Research Institute, Baycrest, Toronto, Canada

1244 WTh-PM

Model-Free Adaptive Seeding for Resting-State Correlation Analysis through Hierarchical Clustering

Hsu-Lei Lee, Benjamin Zahneisen, Jürgen Hennig, University Hospital Freiburg, Freiburg, Germany

1246 WTh-PM

Alterations in Hemodynamic Responses in Brain Tumor Patients: Implications in fMRI Data Analysis

Hui Mao, Liya Wang, Shazia Ali, Emory University School of Medicine, Atlanta, United States

1248 WTh-PM

Gaussian cortical surface-based smoothing of functional magnetic resonance imaging (fMRI) data

Antje Kiliyas, Marc-Patrick Zapf, Ad Aertsen, Isabella Mutschler, José-Raúl Naranjo, Andreas Schulze-Bonhage, Juergen Hennig, Oliver Speck, Tonio Ball, Bernstein Center for Computational Neuroscience, Freiburg, Germany

MODELING AND ANALYSIS

Classification and Predictive Modeling

1250 WTh-PM

Automated Quality Assessment for Structural Magnetic Resonance Brain Images

Ricardo Pizarro, Xi Cheng, Alan Barnett, Herve Lemaitre, Beth Verchinski, Heike Tost, Fabio Sambataro, Joseph Callicott, Daniel Weinberger, Venkata Mattay, NIMH, NIH, Bethesda, United States

1252 WTh-PM

An ICA and regression based framework for fMRI classification and prediction

Eugene Duff, Matthew Howard, Steve Smith, Mark W Woolrich, FMRI, University of Oxford, Oxford, United Kingdom

1254 WTh-PM

Decoding Symptom Severity in Multiple Sclerosis using Structural MRI Brain Patterns

Kerstin Hackmack, Martin Weygandt, Caspar Pfüller, Judith Bellmann-Strobl, Frauke Zipp, Friedemann Paul, John-Dylan Haynes, Bernstein Center for Computational Neuroscience, Berlin, Germany

1256 WTh-PM

Multivariate Prediction of Global Connectivity using Kernel Regression Methods

Chia-Yueh Carlton Chu, Daniel Handwerker, John Ashburner, Peter Bandettini, Naitonal Institute of Mental Health/NIH, Bethesda, United States

1258 WTh-PM

Brain State Identification from fMRI Using Unsupervised Learning

Firdaus Janoos, Okan Irfanoglu, Onur Afacan, Raghu Machiraju, Simon Warfield, Lawrence L. Wald, Istvan A. Morocz, Ohio State University, Columbus, United States

1260 WTh-PM

Model-based multivariate decoding and model selection

Kay Henning Brodersen, Florent Haiss, Cheng Soon Ong, Fabienne Jung, Marc Tittgemeyer, Joachim Buhmann, Bruno Weber, Klaas Enno Stephan, Department of Computer Science, ETH Zurich, Zurich, Switzerland

1262 WTh-PM

BrainAGE: A completely automated age estimation framework using structural MRI

Katja Franke, Gabriel Ziegler, Stefan Klöppel, Christian Gaser, Structural Brain Mapping Group, Department of Psychiatry, University of Jena, Jena, Germany

1264 WTh-PM

Reliability Maps in Event-Related fMRI Experiments

Michelle Liou, Aleksandr Simak, Alexander Savostyanov, Jiun-Wei Liou, Philip Cheng, Academia Sinica, Taipei, Taiwan, Republic of China

1266 WTh-PM

Classification of functional connectivity graphs for multi-subject brain state decoding

Jonas Richiardi, Hamdi Eryilmaz, Sophie Schwartz, Patrik Vuilleumier, Dimitri Van De Ville, Ecole Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland

1268 WTh-PM

Comparison of ten methods to automatically detect Alzheimer's disease from structural MRI

Remi Cuingnet, Emilie Gerardin, Jérôme Tessieras, GUILLAUME AUZIAS, Stephane Lehericy, Marie-Odile Habert, Marie Chupin, Habib Benali, Olivier Colliot, CRICM / INSERM U 678, PARIS, France

1270 WTh-PM

Surface-smoothing based gyrification index and its use in localizing changes in cortical folding

Evgeniy Lebed, Eli Gibson, Mirza Faisal Beg, Simon Fraser University, Burnaby, Canada

1272 WTh-PM

Optimal Clustering Routines for Resting State Functional MRI Data

Allison Nugent, Guy Brock, National Institute of Mental Health, Bethesda, United States

1274 WTh-PM

Tracing the Information Time Course of EEG Responses Using Machine Learning

Lars Hausfeld, Federico De Martino, M Bonte, Elia Formisano, Maastricht University, Maastricht, Netherlands

1276 WTh-PM

powerSVM: Towards power calculation in Machine Learning for brain imaging

Vincent Giampietro, Andre Marquand, Mick Brammer, John Shaw-Taylor, Janaina Mourao-Miranda, Institute of Psychiatry, London, United Kingdom

1278 WTh-PM

A regularization algorithm for decoding perceptual profiles

Stefania Favilla, Marco Prato, Luca Zanni, Carlo Porro, Patrizia Baraldi, University of Modena and Reggio Emilia, Modena, Italy

1280 WTh-PM

Estimation of Resting Network Activity using Support Vector Regression

R. Cameron Craddock, Stephen LaConte, Baylor College of Medicine, Houston, United States

1282 WTh-PM

Iterative calculation of the Granger causality for real-time imaging

Bumhee Park, Seok-Oh Jeong, Hae-Jeong Park, BK21 Project for Medical Science, Yonsei University College of Medicine, Seoul, Korea, Republic of

1284 WTh-PM

Probabilistic Discriminant Analysis – a novel segmentation method for fMRI

Liang Liu, Kihwan Han, Thomas Talavage, Purdue University, West Lafayette, United States

1286 WTh-PM

Sparse Predictive Modeling for Pain Perception

Irina Rish, Guillermo Cecchi, Marwan N Baliki, A. Vania Apkarian, IBM T.J.Watson Research, Yorktown Heights, United States

1288 WTh-PM

Brain Resting State fMRI Independent Components: Spectral Consistency Within Group

Nicola Soldati, Gianpaolo Basso, Lorenzo Bruzzone, Simon Robinson, Jorge Jovicich, CIMeC-Center for Mind/Brain Sciences, University of Trento, Trento, Italy

1290 WTh-PM

Predicting the individual sensitivity to pain by using pattern classification of EEG data

Enrico Schulz, Andrew Zherdin, Laura Tiemann, Claudia Plant, Markus Ploner, Technische Universität München, Munich, Germany

1292 WTh-PM*

Inter-subject hyperalignment of neural representational spaces to derive common categorical patterns (O-M2)

Jyothi Swaroop Guntupalli, Andrew Connolly, James Haxby, Dartmouth College, Hanover, United States

1294 WTh-PM

Cortically aligned self-organizing EEG group spatiotemporal independent component analysis

Arthur Tsai, Alexander Savostyanov, Frank Chang, Michelle Liou, Chung-Min Liao, Institute of Statistical Science, Academia Sinica, Taipei, Taiwan, Republic of China

1296 WTh-PM

Classification Accuracy using Structural and Perfusion Weighted MRI in Dementia

Duygu Tosun, Philip Insel, Howard Rosen, Bruce Miller, Norbert Schuff, Michael Weiner, UCSF, San Francisco, United States

1298 WTh-PM

Sparseness in predictive models is associated with reduced pattern reproducibility

Peter Rasmussen, Kristoffer Madsen, Lars Hansen, DTU Informatics, Technical University of Denmark, Kgs. Lyngby, Denmark

1300 WTh-PM

A Model for Characterizing Cortical Folding Patterns Across Species

Monica Hurdal, Deborah Striegel, Department of Mathematics, Florida State University, Tallahassee, United States

1302 WTh-PM

Alzheimer's Disease Classification using PET and Oriented Hierarchical Filtering

David Keator, Charles Fowlkes, James Fallon, Steven Potkin, Alexander Ihler, University of California, Irvine, Irvine, United States

1304 WTh-PM

fMRI detection of Asperger's Disorder using support vector machine classification

Yash Shah, Daehyun Yoon, Opal Ousley, Xiaoping Hu, Scott Peltier, University of Michigan, Ann Arbor, United States

1306 WTh-PM

Unsupervised discovery of temporal states in multi-subject fMRI data

Catie Chang, Suchi Saria, Gary Glover, Stanford University, Stanford, United States

1308 WTh-PM

IC Masking for Within Subject Classification Applied to a Bivariate Event Related fMRI task

PK Douglas, Sam Harris, Alan Yuille, Mark Cohen, UCLA, Los Angeles, United States

1310 WTh-PM

Support vector machine analysis of fMRI data using the 3dsvm plugin for AFNI

Jonathan Lisinski, Stephen LaConte, Baylor College of Medicine, Houston, United States

1312 WTh-PM

Classification of Self-Driven Cognitive States with Functional Connectivity

William Shirer, Srikanth Ryali, Elena Rykhlevskaia, Vinod Menon, Michael Greicius, Stanford University, Stanford, United States

MODELING AND ANALYSIS

Exploratory Methods, Artifact Removal

1314 WTh-PM*

Explained Variance in Resting State fMRI by Brain Tissue Types (0-Th6)

Hang Joon Jo, Ziad S. Saad, W. Kyle Simmons, Lydia Milbury, Alex Martin, Robert W. Cox, National Institute of Mental Health, Bethesda, United States

1316 WTh-PM

Exponential Random Graph Modeling for Complex Brain Networks

Sean Simpson, Satoru Hayasaka, Paul Laurienti, Wake Forest University, Winston-Salem, United States

1318 WTh-PM*

Processing methods to reduce intersite variability in fMRI (0-Th6)

Douglas Greve, Bryon Mueller, Greg Brown, Tom Liu, Gary Glover, F BIRN, Massachusetts General Hospital, Charlestown, United States

1320 WTh-PM

A Correction Algorithm with Lasso Regression To Account for Imaging Acoustic Noise in Auditory fMRI

Gregory Tamer Jr., Yandong Guo, Charles Bouman, Thomas Talavage, Purdue University, West Lafayette, United States

1322 WTh-PM

Dissociating EMG artifacts from neuronal activity in intracranial recordings

Jacob Lahr, Markus Kern, Isabella Mutschler, Andreas Schulze-Bonhage, Tonio Ball, University Hospital of Freiburg, Freiburg, Germany

1324 WTh-PM

Reducing scanning time in 7 Tesla diffusion-weighted imaging using a new noise cleaning method

Gabriele Lohmann, Robin Heidemann, Alfred Anwander, Robert Turner, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

1326 WTh-PM

4-ExSo-MUSIC: A novel approach to localize distributed brain sources from EEG/MEG

Isabelle Merlet, Gwenael Birot, Delphine Cosandier-Rimele, Fabrice Wendling, Laurent Albera, INSERM, U 642, Université de Rennes 1, LTSI, Rennes, France

1328 WTh-PM

Study contribution masking of ALE values improves meta-analytic reliability

Martin Wiener, Peter Turkeltaub, University of Pennsylvania, Philadelphia, United States

1330 WTh-PM

Extraction of Quality Control Features from Structural and Functional MRI and DTI Data

Lejian Huang, Marwan N Baliki, Todd Parrish, Vania Apkarian, Northwestern University, Chicago, United States

1332 WTh-PM

Reducing the Gradient Artefact in Simultaneous EEG-fMRI by Adjusting the Subject's Axial Position

Karen Mullinger, Winston Yan, Takayuki Ohma, Richard Bowtell, University of Nottingham, Nottingham, United Kingdom

1334 WTh-PM

Global and Regional Curvature Analysis of Normal vs Polymicrogyria Pediatric Brains

Rudolph Pienaar, Kim Mouridsen, Michael Paldino, Neel Madan, P Ellen Grant, Childrens Hospital Boston, Boston, United States

1336 WTh-PM

Coping with slice timing in the analysis of cortical interaction structures based on fMRI data

Yannick Linke, Wolfgang Mader, David Feess, Dorothee Saur, Rüdiger Lange, Volkmar Glauche, Cornelius Weiller, Jens Timmer, Bjoern Schelter, Freiburg Center for Data Analysis and Modeling, Freiburg, Germany

1338 WTh-PM

3D video-fMRI: Tri-dimensional video-based movement quantification in a 3T fMRI environment

João Paulo Cunha, Sérgio Tafula, José Fernandes, University of Aveiro, Aveiro, Portugal

1340 WTh-PM

Integration-by-prediction of simultaneous ERP-fMRI to peripherally presented checkerboard segments

Nikolay Novitskiy, Jennifer Ramautar, Katrien Vanderperren, Maarten De Vos, Bart Vanrumste, Peter Stiers, Bea Van den Bergh, Lieven Lagae, Stefan Sunaert, Sabine Van Huffel, Johan Wagemans, KU Leuven, Leuven, Belgium

1342 WTh-PM*

Topological Correction of Brain Surface Meshes Using Spherical Harmonics (0-Th6)

Rachel Yotter, Robert Dahnke, Paul Thompson, Christian Gaser, Structural Brain Mapping Group, Department of Psychiatry, University of Jena, Jena, Germany

1344 WTh-PM

A Semiautomatic Method based on Ultrasound Textures to detect White Matter Damage in Preterm Infants

Violeta Tenorio, Elisenda Bonet-Carne, Ivan Amat-Roldan, Eduard Gratacos, Hospital Clinic - Universitat de Barcelona, Barcelona, Spain

1346 WTh-PM

fMRI Evaluation of the Oral Administration of a High Stress Dose of Hydrocortisone

William Ottowitz, Martin Lindquist, Michael Gregory, Erika Nixon, curt LaFrance, Columbia University, New York, United States

1348 WTh-PM

Automated detection of datasets with artefactual signal in large n studies using Shannon entropy

John McGonigle, Majid Mirmehdi, Andrea Malizia, University of Bristol, Bristol, United Kingdom

1350 WTh-PM

ICA-based artifact removal in functional connectivity analysis: what global signal doesn't hide

Tommaso Gili, Ibrahim Eid, Federico Giove, Vittorio Iacovella, Emiliano Macaluso, Richard Wise, Bruno Maraviglia, Enrico Fermi Centre, Rome, Italy

1352 WTh-PM

A novel approach for high-resolution image reconstruction for in-vivo fetal brain MRI

Cedric Clouchoux, Pierrick Coupé, Jose Manjon, Nicolas Guizard, Marine Bouyssi-Kobar, Mylene Lefebvre, Adre Du Plessis, Alan Evans, Catherine Limperopoulos, Montreal Children Hospital / Montreal Neurological Institute, Montreal, Canada

1354 WTh-PM

Spectral signal space projection (S3P) method for MEG/EEG denoising, whitening, and source imaging

Rey Ramirez, Christopher Butson, Brian Kopell, Sylvain Baillet, Medical College of Wisconsin, Milwaukee, United States

1356 WTh-PM

A tool for the simulation of lesion-deficit analysis

Tara Madhyastha, David Rudrauf, Sonya Mehta, Thomas Grabowski, Integrated Brain Imaging Center, Psychiatry and Behavioral Sciences, University of Washington, Seattle, United States

1358 WTh-PM

Test-Retest Analysis of fMRI Reliability Using Permutation Testing in a Verb Generation Task

Emre Demiralp, Kristin Flegal, Richard Gonzalez, Luis Hernandez-Garcia, Patricia Reuter-Lorenz, John Jonides, University of Michigan, Ann Arbor, United States

MODELING AND ANALYSIS

Flattening, Segmentation

1360 WTh-PM

Learning Weighted Metrics for Segmentation of Brain Magnetic Resonance Images Using Cover Estimation

Xavier Tomas Fernandez, Simon K. Warfield, Harvard Medical School, Boston, United States

1362 WTh-PM

Robust Automatic Segmentation of Ventricles : Application to a Genetic Small Vessel Disease, CADASIL

Linda Marrakchi-Kacem, Cyril Poupon, Eric Jouvent, Islem Rekik, Jean-François Mangin, Fabrice Poupon, NeuroSpin, CEA, Gif-Sur-Yvette, France

1364 WTh-PM

Automated segmentation of white matter lesions using FLAIR images

Thomas Samaille, Olivier Colliot, Didier Dormont, Marie Chupin, Université Pierre et Marie Curie Paris VI - CRICM - CNRS UMR7225 - Inserm UMR_S975, Paris, France

1366 WTh-PM

Automatic segmentation method using T1- and T2-weighted images without any tissue probability maps

Hiroshi Toyoda, Kei Mizuno, Takuya Hayashi, Hirotaka Onoe, Yasuyoshi Watanabe, RIKEN, Center for Molecular Imaging Science, Kobe, Japan

1368 WTh-PM

Automatic Detection of the Anterior and Posterior Commissures from T1-weighted Images

Fabrice Poupon, Islem Rekik, Linda Marrakchi-Kacem, Denis Le Bihan, Jean-François Mangin, Cyril Poupon, NeuroSpin, CEA, Gif-Sur-Yvette, France

1370 WTh-PM

Joint Segmentation of the Resting Brain

Xilin Shen, Fuyuze Tokoglu, Xenophon Papademetris, R. Todd Constable, Yale University, New Haven, United States

1372 WTh-PM

Generating Better Forward Models for EEG & MEG using Multispectral MRI

Daniel Wakeman, MRC CBU, Cambridge, United Kingdom

1374 WTh-PM

Multi-contrast skull stripping using graph cuts

Vitali Zagorodnov, Suresh Sadananthan, Nanyang Technological University, Singapore, Singapore

1376 WTh-PM

Optimizing label fusion strategies: application to hippocampal probabilistic atlas

Nicolas Robitaille, Simon Duchesne, Centre de Recherche Université Laval Robert-Giffard, Quebec, Canada

1378 WTh-PM

Effects of Brain MRI Classification and Segmentation on Cortical Atlases and Maps

Paul Rasser, Thai Vinh Nguyen, Ulrich Schall, Paul Thompson, Schizophrenia Research Institute, Darlinghurst, Australia

1380 WTh-PM

Augmenting the AIR Algorithm with a GM Mask to Improve Cortical Registration

Mehmet Özer Metin, Didem Gokcay, METU Informatics Institute, Ankara, Turkey

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Mapping Reliability in (Multicenter) Human Brain MRI: Cortical Thickness and Voxel-based Morphometry

Hugo Schnack, Neeltje van Haren, Rachel Brouwer, Caroline van Baal, Marco Picchioni, Matthias Weisbrod, Heinrich Sauer, Tyrone Cannon, Matti Huttunen, Claude Lepage, D. Louis Collins, Alan Evans, Robin Murray, Rene Kahn, Hilleke Hulshoff Pol, UMC Utrecht, Utrecht, Netherlands

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A High-Resolution MRI Study of Regional Cortical Thickness in Professional Racing and Naïve Drivers

Giulio Bernardi, Lorenzo Sani, Emiliano Ricciardi, Joel Reithler, Alessandra Papasogli, Riccardo Ceccarelli, Ferdinando Franzoni, Gino Santoro, Rainer Goebel, Pietro Pietrini, Laboratory of Clinical Biochemistry and Molecular Biology, University of Pisa, Pisa, Italy

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Evaluation of Gyrfication Index and Fractal Dimension as Measures of Lobar Cortical Complexity

Simon Eskildsen, Elena Steffensen, Hanna Järnum, Lasse Østergaard, Elna Marie Larsson, Aalborg University, Aalborg, Denmark

1388 WTh-PM

Evaluation of an Open-Access, Automated Brain Extraction Method on Multi-Site Multi-Disorder Data

Brian Avants, Arno Klein, Nick Tustison, John Woo, James Gee, University of Pennsylvania, Philadelphia, United States

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Cortical Thinning in Multiple Sclerosis

Navid Shiee, Pierre-Louis Bazin, John Bogovic, Min Chen, Peter Calabresi, Daniel Reich, Jerry Prince, Dzung Pham, Johns Hopkins University, Baltimore, United States

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Automated Labeled Cortical Depth Map pipeline for analyzing regional cortical structures

Rodd Pribik, Kathryn Alpert, JaeHo Sohn, Nikhil Ram Mohan, Carey Priebe, Elvan Ceyhan, Eric Cochran, Wei Wen, M. Faisal Beg, Lei Wang, Tilak Ratnanather, Center for Imaging Science, Johns Hopkins University, Baltimore, United States

MOTOR BEHAVIOR

Basal Ganglia/Brainstem/Spinal Cord

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Oi! Functional MRI on neostriatum's function in observed movement errors

Anne-Marika Schiffer, D. Yves von Cramon, Ricarda I. Schubotz, Max Planck Institute for Neurological Research, Cologne, Germany

1396 WTh-PM

Cortico-basal ganglia network dynamics during interference control and response inhibition

Sara Jahfari, Lourens Waldorp, Wery P. M. van den Wildenberg, H. Steven Scholte, K. Richard Ridderinkhof, Birte Forstmann, University of Amsterdam, Amsterdam, Netherlands

1398 WTh-PM

Evidence of Topological Organisation in Nigrothalamic Connectivity using High Resolution DTI

Christian Lambert, Zoltan Nagy, Anton Lutti, John Ashburner, Richard Frackowiak, Institute of Neurology, UCL, London, United Kingdom

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Topographical Motor Maps in Penfield's Homunculus and in the Basal Ganglia and Their Properties

Noa Zeharia, Hagai Bergman, Tamar Flash, Amir Amedi, Hebrew university, Kefar Saba, Israel

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A comparison of methods for physiological noise modelling in spinal cord fMRI

Yazhuo Kong, Mark Jenkinson, Jesper Andersson, Irene Tracey, Jonathan Brooks, FMRI Centre, University of Oxford, Oxford, United Kingdom

MOTOR BEHAVIOR

Brain-machine Interface

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A virtual environment system for real time fMRI (3T, 7T) using direct communication via TCP/IP

Charles Mueller, Maurice Hollmann, Nancy Henniger, Johannes Bernarding, Department for Biometry and Medical Computer Sciences, Medical Faculty, Otto-von-Guericke-University, Magdeburg, Germany

1406 WTh-PM

Control by Brain-Computer Interface of a Virtual Body

Daniel Perez-Marcos, Mar González-Franco, Bernhard Spanlang, Mel Slater, Maria V. Sanchez-Vives, Institut d'Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS), Barcelona, Spain

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Self-Regulation of Imagined Hand Motor Activity using Real-Time fMRI Neurofeedback

Mark Chiew, Simon Graham, University of Toronto, Toronto, Canada

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Real-time decoding of the locus of visuospatial attention using multi-voxel pattern classification

Bettina Sorger, Judith Peters, Carlijn van den Boomen, Anna Zilverstand, Joel Reithler, Rainer Goebel, Maastricht University, Maastricht, Netherlands

MOTOR BEHAVIOR

Eye Movements/ Visuomotor Processing

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Feedback Regularization of Letter-like Numbers in Visual Word Recognition

Nicola Molinaro, Jon Andoni Dunabeitia, Manuel Carreiras, BCBL, Basque center on Cognition, Brain and Language, Donostia, Spain

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Spatiotopic representation of saccadic targets in the right human parietal cortex

Yoni Pertzov, Galia Avidan, Ehud Zohary, Hebrew University, Jerusalem, Israel

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Induced Gamma Band: Neural Activity or Microsaccades?

Rochelle Ackerley, Alexis Makin, Kelly Wild, Ellen Poliakoff, Emma Gowen, Wael El-Deredy, University of Manchester, Manchester, United Kingdom

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Saccade amplitude representation in the human brain investigated with fMRI adaptation and MVPA

Marie-Helene Grosbras, Frances Crabbe, University of Glasgow, GLASGOW, United Kingdom

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Mapping primary gyrogenesis in utero using structural MRI

Peter Kochunov, Carlos Castro, Duff Davis, Ye Zhang, David Purdy, Gerald Schatten, UTHSCSA, San Antonio, United States

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ConnectomeWiki - Collaborative semantic wiki knowledge-base for brain region and connectivity data

Stephan Gerhard, Patric Hagmann, Jean-Philippe Thiran, Ecole Polytechnique Fédérale de Lausanne, Lausanne, Switzerland

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Effects of Early Deprivation and BDNF Genotype on Brain Development in Post-Institutionalized Youth

Amanda Hodel, Ruskin Hunt, Megan Gunnar, Kathleen Thomas, University of Minnesota, Minneapolis, United States

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The children's Empathy-Systemizing quotient: Regional gray matter volume relates to cognitive style

Yuko Sassa, Yasuyuki Taki, Hiroshi Hashizume, Hikaru Takeuchi, Michiko Asano, Kohei Asano, Mijin Lee, Ryuta Kawashima, IDAC, Tohoku University, Sendai, Japan

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Neuroanatomical index images for the quantification of functional MR images

Tae-Hoon Kim, Byeong-Chae Kim, Han-Su Baek, Gwang-Won Kim, Heoung-Keun Kang, Yong-Yeon Jeong, Gwang-Woo Jeong, Dept. of Biomedical Engineering, Chonnam National University, Gwangju, Korea, Republic of

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Mid-sagittal corpus callosum size correlates with brain activation in a speech perception task

Liv Falkenberg, Karsten Specht, Kenneth Hugdahl, Rene Westerhausen, University of Bergen, Bergen, Norway

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FIBRATLAS: a novel method for visualization of white matter tracts dissection. Preliminary results

Christophe Destrieux, Ilyess Zemmoura, Barthélémy Serres, Gilles Venturini, Daniel Bourry, Stéphane Velut, Frédéric Andersson, Jean-Philippe Cottier, UMR_S "Imagerie et Cerveau", Inserm U 930, CNRS ERL 3106, Université François Rabelais de Tours, Tours, France

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Age-related grey matter differences as revealed by automated volumetry and Voxel-Based Morphometry

Dorothee Callaert, Annemie Ribbens, Sofie Heuninckx, Frederik Maes, Stephan Swinnen, Nicole Wenderoth, Research Center for Movement Control and Neuroplasticity, KULeuven, Leuven, Belgium

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human intelligence predicted by characteristics of cortical structure from mri data in young adults

Jin Ju Yang, Jong-Min Lee, HyukJin Yun, Seun Jeon, Dept. of Biomedical Engineering, Hanyang University, Seoul, Korea, Republic of

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Where is the "Locus Coeruleus" in my group of subjects?

Christophe Phillips, Christina Schmidt, Philippe Peigneux, Evelyne Balteau, Pierre Maquet, Cyclotron Research Centre, University of Liege, Liege, Belgium

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Neuroanatomical changes revealed by cortical thickness in temporal lobe epilepsy

Wenjing Li, Huiguang He, Jingjing Lu, Bin Lv, Meng Li, Zhengyu Jin, Institute of Automation, Chinese Academy of Sciences, Beijing, China

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Reliability of curvature based estimation of local cortical gyrification: a multicentre study

Raka Maitra, Christian Gaser, Hugo Schnack, Neeltje van Haren, Hilleke Hulshoff Pol, Rene Kahn, Marco Picchioni, Timothea Toulopoulou, Robin Murray, Matthias Weisbrod, Heinrich Sauer, Igor Nenadic, Structural Brain Mapping Group, Department of Psychiatry, Friedrich-Schiller University of Jena, Jena, Germany

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Comparing human and macaque connectomes using interspecies surface-based registration

David Van Essen, Matthew Glasser, Timothy Laumann, Harwell John, Nikola Markov, Kenneth Knoblauch, Henry Kennedy, Washington University, St. Louis, United States

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Improved Assessment of Brainstem Neuroanatomy with High Resolution MRI and DTI

Guadalupe Soria, Matteo de Notaris, Raúl Tudela, Gerard Blasco, Josep Puig, Anna Planas, Salvador Pedraza, Alberto Prats-Galino, Experimental MRI 7T Unit, IDIBAPS, IIBB-CSIC, Barcelona, Spain

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The Right Amygdala and Adolescent Male Substance Use

Rebecca Blanton, Marc Potenza, Rajita Sinha, Linda Mayes, Yale University, New Haven, United States

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Studying structural human brain networks using cortical surface area as morphometric descriptor

Gretel Sanabria-Díaz, Lester Melie-García, Yasser Iturria-Medina, Yasser Alemán-Gómez, Gertrudis Hernández-González, Lourdes Valdés-Urrutia, Lidice Galán, Pedro Valdés-Sosa, Cuban Neuroscience Center, Havana, Cuba

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Sex effects on small-world organization of structural brain networks in young healthy individuals

Kai Wu, Yasuyuki Taki, Kazunori Sato, Ken Okada, Ryoji Goto, Ryuta Kawashima, Hiroshi Fukuda, Department of Nuclear Medicine and Radiology, IDAC, Tohoku University, Sendai, Japan

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Generational differences of head shape and brain shape of Japanese

Kazunori Sato, Shigeo Kinomura, Yasuyuki Taki, Ryoji Goto, Ken Okada, Ryuta Kawashima, Hiroshi Fukuda, IDAC, Tohoku University, Sendai, Japan

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Brain size and gender effects on the development of inter-hemispheric connectivity

John Lewis, Junki Lee, Alan Evans, The Brain Development Cooperative Group, Montreal Neurological Institute, McGill University, Montreal, Canada

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Brain Tissue Thickness Estimation using a Projection Scheme

Robert Dahnke, Rachel Aine Yotter, Gabriel Ziegler, Christian Gaser, Structural Brain Mapping Group, Department of Psychiatry, University of Jena, Jena, Germany

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Almost nothing is left in the association between corpus callosum size and handedness

Eileen Luders, Nicolas Cherbuin, Paul Thompson, Boris Gutman, Kaarin Anstey, Perminder Sachdev, Arthur Toga, UCLA, Los Angeles, United States

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The Human Connectome: Exploring Nerve Fiber Tracts at a Micrometer Scale by Means of Polarized Light (O-T1)

Markus Axer, Uwe Pietrzyk, David Graessel, Jürgen Dammers, Björn Eiben, Kurt Hoffmann, Philipp Schloemer, Karl Zilles, Katrin Amunts, Institute of Neuroscience and Medicine (INM-1), Research Centre, Jülich, Germany

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MorphoConnect: Toolbox for studying structural brain networks using morphometric descriptors

Lester Melie-García, Gretel Sanabria-Díaz, Yasser Iturria-Medina, Yasser Alemán-Gómez, Cuban Neuroscience Center, Havana, Cuba

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White matter asymmetries in the human brain: an in vivo diffusion tractography study

Michel Thiebaut de Schotten, Flavio Dell'Acqua, Dominic ffytche, Matt Allin, Muriel Walshe, Robin Murray, Williams Steven, Declan Murphy, Marco Catani, Institute of Psychiatry, London, United Kingdom

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Semi-automated in-vivo segmentation of visual area V1 based on structural 7 Tesla MRI

Marcel Weiss, Gabriele Lohmann, Gerik Scheuermann, Robert Turner, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

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Thalamic Volume, Shape and White Matter Integrity in First-Episode Schizophrenia

Anqi Qiu, Kang Sim, National University of Singapore, Singapore, Singapore

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The frequency of sulcal pits and intellectual ability in the adult human brain

Kiho Im, Yu Yong Choi, Kun Ho Lee, Sun I. Kim, Lee Jong-Min, Children's Hospital Boston, Harvard Medical School, Boston, United States

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On alignment techniques for statistical shape analysis of brain structures using landmark coordinate

Matias Bossa, Ernesto Zacur, Salvador Olmos, University of Zaragoza, Zaragoza, Spain

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Mental Toughness and Brain Structure

Peter Clough, Samuel Newton, Peita Bruen, Earle Keith, Earle Fiona, Francesca Benuzzi, Simona Gardini, Alexa Huber, Fausta Lui, Annalena Venneri, University of Hull, Hull, United Kingdom

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Neural representations of schizotypal personality dimensions

Peita Bruen, Francesca Benuzzi, Simona Gardini, Alexa Huber, Fausta Lui, Michael Shanks, Annalena Venneri, Clinical Neuroscience Centre, University of Hull, Hull, United Kingdom

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Gray and white matter concentration differences between early and late-trained musicians

Krista Hyde, Jennifer Bailey, Robert Zatorre, Virginia Penhune, McGill University, Montreal, Canada

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Amygdala Volume and Social Network Size in Humans

Kevin Bickart, Bradford Dickerson, Rebecca Dautoff, Chris Wright, Lisa Feldman Barrett, Boston University School of Medicine, Boston, United States

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Do MRI based measures of grey matter morphology correspond to neuronal density ?

LaFougère Christian, Sarah Grant, Schirmmacher Ralf, Caroline Paquette, Alan Evans, Alexander Thiel, LMU Klinikum der Universität München, München, Germany

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White Matter Asymmetry in Left- and Right-Handers: A Diffusion Tensor MRI Study

Joanne Powell, Laura Parkes, Graham Kemp, Vanessa Sluming, Marta García-Fiñana, University of Liverpool, Liverpool, United Kingdom

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Mapping HIV disease to the Corpus Callosum: Cross Sectional and Longitudinal Analyses

David Tate, Jaroslaw Harezlak, Jeffrey Dewey, Daniel McCaffrey, Constantin Yiannoutsos, Thomas Campbell, Eric Daar, Deborah McMahon, Giovanni Schifitto, Jianhui Zhong, Michael Taylor, Elysse Singer, Yuen Tso, Jeffrey Alger, Mark Brown, Ronald Cohen, Bradford Navia, Brigham and Women's Hospital/Harvard Medical School, Boston, United States

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Effects of Auditory Deprivation on Brain Morphology in Deaf Users of English

Justyna Mach, Daniel Koo, Ashley Wall, Carol LaSasso, Guinevere Eden, Georgetown University, Washington, United States

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Connectivity-based Cortex Parcellation of the Anterior Prefrontal Cortex

Olivia Sujazow, Christoph Schütte, Jan Derrfuss, Corina Melzer, Kai Vogetley, Katrin Amunts, D. Yves von Cramon, Marc Tittgemeyer, Max Planck Institute for Neurological Research, Cologne, Germany

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3-D Anatomical Reconstruction of the Brain of the Amnesic Patient H.M. from 2401 Blockface Images

Jacopo Annese, Natalie Schenker, Paul Maechler, Natasha Thomas, Alexander Ghatan, Junya Kayano, David Malmberg, Suzanne Corkin, The Brain Observatory, UCSD, San Diego, United States

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A uniquely human direct pathway connects frontal and occipital lobes

Stephanie Forkel, Michel Thiebaut de Schotten, Flavio Dell'Acqua, Marco Catani, King's College London, London, United Kingdom

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Pharmacologic resting state-fMRI: effects of cannabis on functional brain connectivity 'at rest'

Roelof P. Soeter, Linda E. Klumpers, Najmeh Khalili Mahani, Mark A. van Buchem, Joop M.A. van Gerven, Serge A.R.B. Rombouts, Leiden University, Leiden, Netherlands

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Test-retest Reliability of the Brain Response to Ketamine measured with Pharmacological MRI

Sara De Simoni, Owen O'Daly, Adam Schwarz, Mitul Mehta, Institute of Psychiatry, London, United Kingdom

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Discriminating atomoxetine from methylphenidate in working memory networks

Andre Marquand, Owen O'Daly, Sara De Simoni, Christine Ecker, Janaina Mourao-Miranda, Mitul Mehta, King's College London, London, United Kingdom

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Pramipexole modulates both ventral striatal-occipital connectivity and resting EEG alpha power

Owen O'Daly, Judith Nottage, Dominic ffytche, Steven Williams, Mitul Mehta, Institute of Psychiatry, London, United Kingdom

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Benzodiazepine-induced fMRI measurable effects on the working memory circuit: the 2-back task

Luca Nanetti, Rudie Kortekaas, Remco Renken, Nienke Meulman, Inge Zijdewind, Anita Kuiper, Peter de Boer, Izaak den Daas, Johan Wemer, Gert ter Horst, University Medical Center Groningen, Groningen, Netherlands

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Dopaminergic modulation of resting functional connectivity between midbrain and prefrontal cortex

Jason Vytlačil, Asako Miyakawa, Mark D'Esposito, UC Berkeley, Oakland, United States

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Shortened metabolite T2 relaxation times following acute challenge with the hypnotic drug zolpidem

Stephanie Licata, Andrew Prescott, Perry Renshaw, Scott Lukas, J. Eric Jensen, David Olson, McLean Hospital/Harvard Medical School, Belmont, United States

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Evidence of olivocochlear efferent activation induced by auditory target processing

Eui-Cheol Nam, Sam Soo Kim, Woo Suk Tae, Kang Uk Lee, Neuroscience Research Institute, Kangwon National University School of Medicine, Chunchon, Korea, Republic of

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Early Auditory Frequency Deviance Detection in Humans in the Time Range of Brainstem and Middle Late

Lavinia Slabu, Sabine Grimm, Jordi Costa-Faidella, Carles Escera, University of Barcelona, Barcelona, Spain

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Multiple topographical representations of real-life sounds in human auditory cortex

Michelle Moerel, Federico De Martino, Elia Formisano, Maastricht University, Maastricht, Netherlands

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Additive Effects of Spectral and Spatial Cues in Human Auditory Cortex during Speech Segregation

Yi Du, Yu He, Tim Bardouille, Bernhard Ross, Xihong Wu, Liang Li, Claude Alain, Peking University, Beijing, China

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Topographical mapping of a hierarchy of temporal receptive windows using a narrated story

Yulia Lerner, Christopher Honey, Lauren Silbert, Uri Hasson, Princeton University, Princeton, United States

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Deafness-induced Plasticity and Cochlear Implant Outcome in Postlingually Deaf Adults

Hyo-Jeong Lee, Hyejin Kang, Jeong Hun Jang, Dong Soo Lee, Seung Ha Oh, Hallym University, Anyang-Si, Korea, Republic of

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Complex Sounds Decoded – Processing Semantic and Perceptual Features in the Auditory System

Annika Linke, Rhodri Cusack, MRC Cognition and Brain Sciences Unit, Cambridge, United Kingdom

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Memory for environmental sounds in post-lingually deaf subjects and cochlear implant outcome

Diane Lazard, Anne-Lise Giraud, Eric Truy, Hyojeong Lee, LNC ENS, Paris, France

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Examining the neural representation of musical pitch using an adaptation paradigm with EEG

Paul Briley, Katrin Krumbholz, MRC Institute of Hearing Research, Nottingham, United Kingdom

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Subcortical and cortical contribution during complex auditory learning

Bharath Chandrasekaran, Kyla Garibaldi, Sherri Novis, Nina Kraus, Patrick Wong, Northwestern University, Evanston, United States

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Electrophysiological evidence for early auditory deviance detection in the human brain

Sabine Grimm, Carles Escera, Lavinia Slabu, Jordi Costa-Faidella, Institute for Brain, Cognition and Behavior (IR3C), University of Barcelona, Catalonia-Spain., Barcelona, Spain

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Neural Correlates of Auditory Streaming Measured with Direct Cortical Recordings in Behaving Humans

Andrew Dykstra, Eric Halgren, Thomas Thesen, Chad Carlson, Amy Trongnetrpunya, Ruben Kuzniecky, Orrin Devinsky, Werner Doyle, Joseph Madsen, Emad Eskandar, Sydney Cash, Harvard-MIT Division of Health Sciences and Technology, Cambridge, United States

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Auditory offset response depends on tonality of sounds

Benedikt Habermeyer, Marcus Herdener, John Neuhoff, Hans Christian Kuhl, Fabrizio Esposito, Erich Seifritz, University of Basel, Basel, Switzerland

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Resting state auditory network in tinnitus patients: a fMRI study

Audrey Maudoux, Philippe Lefebvre, Jean-Evrard Cabay, Audrey Vanhauzenhuysse, Athena Demertzi, Steven Laureys, Andrea Soddu, Cyclotron Research Center, University of Liege, Liège, Belgium

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Inhibitory processes in the auditory system and their alteration in tinnitus

Eugen Diesch, Central Institute of Mental Health, Mannheim, Germany, Mannheim, Germany

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Absolute Timbre Detection in Human Auditory Processing: A Magnetoencephalography Study

Jaeho Seol, MiAe Oh, June Sic Kim, Sun Il Kim, Chun Kee Chung, Interdisciplinary Program in Cognitive Science, College of Humanities, Seoul National University, Seoul, Korea, Republic of

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Chemical Senses: Olfaction, Taste

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Odor/taste integration in wine appreciation by experts: an fMRI study

Lionel Pazart, Alexandre Comte, Patrice Andrieu, Christophe Menozzi, Bonnans Vincent, Jean-Louis Millot, Tijani Gharbi, Laurent Tatu, Thierry Moulin, CIC-IT, Besancon University Hospital, Besancon, France

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The human olfactory system: stimulation with fMRI and group analysis in healthy subjects

Francesca Frijia, Nicola Vanello, Anna Buonocore, Raffaello Canapicchi, Francesco Lombardo, Hana Hlavata, Cecilia Anselmi, Domenico Montanaro, Fondazione G.Monasterio CNR-Regione Toscana, Pisa, Italy

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Interaction at cerebral level between trigeminal and olfactory system: an fMRI study

Emilia Iannilli, H Gudziol, H Burmeister, H Mentzel, T Hummel, T Bitter, Smell and Taste Klinik - University of Dresden Medical School ("Technische Universitaet Dresden"), Dresden, Germany

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Dance with or without music: The role of the STG in audiovisual processing

Corinne Jola, Phil McAleer, Marie-Helene Grosbras, Frank Pollick, University of Glasgow, Glasgow, United Kingdom

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TMS of Posterior Parietal Cortex Disrupts Visual Tactile Multisensory Integration

Siavash Pasalar, Tony Ro, Michael Beauchamp, University of Texas Health Science Center Houston, Houston, United States

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Occipital alpha phase is reset by sound and cycles with TMS-probed neural excitability

Vincenzo Romei, Joachim Gross, Gregor Thut, University of Glasgow, Glasgow, United Kingdom

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Neural Mechanisms for Reliability-Weighted Speech Perception

Audrey Nath, Michael Beauchamp, University of Texas Medical School at Houston, Houston, United States

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Crossmodal processing of gender from human faces and voices: an fMRI study

Frederic Joassin, Pierre Maurage, Salvatore Campanella, Université catholique de Louvain, Louvain-la-Neuve, Belgium

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The role of the temporal lobe for extracting proper names from sound and vision: an fMRI study

Anja Bethmann, Henning Scheich, André Brechmann, Leibniz Institute for Neurobiology, Magdeburg, Germany

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Bottom-Up or Top-Down: Connectivity Reflects Individual Differences in Grapheme-Color Synesthesia (O-Th5)

Tessa van Leeuwen, Hanneke den Ouden, Peter Hagoort, Radboud University Nijmegen, Donders Institute (RU/DI-BCB), Nijmegen, Netherlands

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Left superior temporal sulcus: An early audiovisual perceptible integration node in music and speech

Mariacristina Musso, Rebecca Sautter, Hansjörg Mast, Cornelius Weiller, Uniklinik Freiburg, Freiburg, Germany

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Relevance of spectral cues for auditory spatial processing in the occipital cortex of the blind

Patrice Voss, Frederic Gougoux, Franco Lepore, Robert Zatorre, McGill University, Montreal, Canada

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A device for the parametric application of thermal and tactile stimulation during fMRI

Craig Bennett, University of California, Santa Barbara, Santa Barbara, United States

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The Insula responds specifically to multisensory emotional mismatch

Karin Petrini, Frances Crabbe, Carol Sheridan, Frank Pollick, University of Glasgow, Glasgow, United Kingdom

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Left brain involvement in the externalization of the auditory spatial stimulus

Antonio Rodríguez-Hernández, Cristián Modroño, Francisco Marcano, Gorka Navarrete, Ramón Muñiz, Enrique Burunat, José González-Mora, University of La Laguna, Tenerife, Spain

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The experience of seeing and feeling a double of one's own body is linked to the left insular cortex

Lukas Heydrich, Olaf Blanke, Laboratory of Cognitive Neuroscience (LNCO), Ecole Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland

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Neural correlates of multisensory facilitation and competition

Andreea Oliviana Diaconescu, Tim Bardouille, Claude Alain, Lynn Hasher, Anthony McIntosh, Rotman Research Institute, Baycrest Center, Toronto, Canada

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Investigating Synchrony Perception of Audiovisual Speech With a Continuous Carry-over fMRI Design

Scott Love, Marianne Latinus, Phil McAleer, Frank Pollick, University of Glasgow, Glasgow, United Kingdom

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Audiovisual synchrony perception of speech and non-speech signals in musicians and non-musicians

Hwee Ling Lee, Uta Noppeney, Max Planck Institute for Biological Cybernetics, Tuebingen, Germany

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Neural correlates of person identity emerging from integration of faces and voices

Shahin Zangenehpour, Martha Shiell, Pascal Belin, Robert J. Zatorre, McGill University, Montreal, Canada

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Neural correlates of illusory self-other face merging: an EEG study

Anna Sforza, Ilaria Bufalari, Francesco Di Russo, Salvatore Aglioti, Università "Sapienza" Roma, Rome, Italy

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Fully-automated modulation of virtual-body ownership suppresses fronto-parietal mu rhythm

Nathan Evans, Olaf Blanke, Laboratory of Cognitive Neuroscience (LNCO), Ecole Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland

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Spatiotemporal activation of the superior temporal sulcus during audiovisual integration

Rodney Gabriel, Virginie van Wassenhove, Srikantan Nagarajan, University of California, San Francisco, San Francisco, United States

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Ad-Dab'bagh, Yasser - 792 WTh-PM
Adalat, Reza - 761 WTh-AM
Adali, Tulay - 1101 MT-AM
Adam, Claude - 1015 WTh-AM
Adams, Val - 1525 WTh-AM
Adams, William - 483 MT-AM
Adan, Ana - 1499 WTh-AM
Adapa, Ram - **1045 WTh-AM**, **1137 WTh-AM**, 1175 MT-AM
Addington, Anjene - 725 WTh-AM
Addis, Donna Rose - 1149 WTh-AM, **158 WTh-PM**
Adelstein, Jonathan - **1195 MT-AM**
Ademolu, Ahmet - 818 MT-PM, 326 MT-PM
Adenauer, Casali - 147 MT-AM, 7 WTh-AM
Adenis, Marie-Sarah - **652 WTh-PM**
Adesman, Andrew - 775 WTh-AM
Adeyemo, Adebanye - 978 WTh-PM
Adhikari, Bhim - 1282 MT-PM
Adler, Caleb - 928 WTh-PM
Adluru, Nagesh - 1337 MT-AM, **391 WTh-AM**, 804 WTh-PM
Admon, Roece - **627 MT-AM**
Adnams, Colleen - 491 WTh-AM
Adolf, Daniela - 532 WTh-PM
Adolfsdottir, Steinunn - 196 WTh-PM
Adolphs, Ralph - 152 MT-PM
Adorni, Andrea - 498 MT-PM
Adriani, Michela - 1171 WTh-AM
Adriano, Fulvia - 697 WTh-AM
Adrover-Roig, Daniel - 1535 MT-AM
Aedo-Jury, Felipe - **199 MT-AM**
Aertsen, Ad - 1248 WTh-PM, 125 WTh-AM, 1255 MT-AM, 1301 MT-AM, 1543 MT-AM, 589 MT-AM
Afacan, Onur - 1258 WTh-PM, **922 WTh-PM**
Afonso, David - **1201 WTh-AM**
Afsharhamdi, Sima - 89 WTh-AM
Afshin-Pour, Babak - **1113 MT-AM**
Aganj, Iman - 867 WTh-AM, **871 WTh-AM**
Agartz, Ingrid - 565 MT-AM, 574 MT-PM
Aglioni, Salvatore - 1584 WTh-PM
Agosta, Federica - 153 WTh-AM, 333 WTh-AM, 334 WTh-PM, 451 MT-AM, **453 MT-AM**, 926 WTh-PM
Agrawal, Shireesh - 854 WTh-PM
AGUERA, Pierre-Emmanuel - 1403 WTh-AM
Aguilar, Eduardo - 1107 MT-AM
Ahearn, Trevor - 1423 WTh-AM, 183 WTh-AM, 185 WTh-AM, 363 WTh-AM, 364 WTh-PM, **760 WTh-PM**
Ahlstrom, Jayne - 187 WTh-AM
Ahmad, Fayyaz - 1214 WTh-PM
Ahn, Hyun Seon - 756 MT-PM
Ahn, Hyun-Jung - 362 WTh-PM
Ahn, Sang Ho - 604 MT-PM, 808 WTh-PM, 809 WTh-AM
Ahrens, Tobias - **304 MT-PM**, 312 MT-PM
Ahveninen, Jyrki - 810 MT-PM
Ai, Leo - **949 WTh-AM**, 967 WTh-AM
Ai, Lin - 597 MT-AM
Aikawa, Takeshi - 285 MT-AM
Ainslie, George - 300 WTh-PM, 628 MT-PM
Aitken, Mike - 518 MT-PM
Aizenstein, Howard - 318 WTh-PM, 882 MT-PM
Akatsuka, Satoshi - **647 WTh-AM**
Akdeniz, Gülsüm - 326 MT-PM
Akine, Yoshihide - **670 MT-PM**
Akitsuki, Yuko - 1445 MT-AM, **26 MT-PM**, 630 MT-PM, 702 MT-PM
Akrofi, Kwaku - 980 WTh-PM
Aktay, Ahmet - 108 WTh-PM
Al-Hamadi, Ayoub - 728 MT-PM
Al-Rawi, Mohammed - **1253 WTh-AM**
Alain, Claude - 1518 WTh-PM, 1576 WTh-PM, 58 WTh-PM
Alam, Tajvar - **852 WTh-PM**
Alam-Mehrjerd, Zahra - 289 WTh-AM
Alarcon, Gabriela - **756 WTh-PM**
Alba-Ferrara, Lucia - **590 WTh-PM**
Albera, Laurent - 1326 WTh-PM
Albert, Mitchell - 1315 WTh-AM
ALBOUY, Genevieve - **1141 WTh-AM**, 1585 WTh-AM
Albrecht, Jessica - 1127 MT-AM
Albrecht, Konstanze - 541 WTh-AM
Alcauter, Sarael - **1234 MT-PM**, 820 MT-PM, 124 WTh-PM, 667 WTh-AM, 751 MT-AM
Aldebot, Stephanie - 525 MT-AM
Alegret, Montse - **149 MT-AM**
Alegro, Maryana - **1353 WTh-AM**
Aleman, André - 13 WTh-AM, 258 WTh-PM, 416 MT-PM, 509 MT-AM, 541 MT-AM, 573 WTh-AM, 589 WTh-AM, 640 WTh-PM, 719 WTh-AM, 565 WTh-AM
Alemán-Gómez, Yasser - 189 WTh-AM, 221 WTh-AM, 529 MT-AM, **753 WTh-AM**, 891 MT-AM, 812 WTh-PM, 1450 WTh-PM, 1464 WTh-PM
Aleong, Rosanne - 433 WTh-AM
Alessandrini, Franco - 321 WTh-AM
Alessio, Andrea - 327 MT-AM
Alexander, Andrew - 1337 MT-AM, 391 WTh-AM, 804 WTh-PM, 435 WTh-AM
Alexander, Bonnie - 610 MT-PM
Alexander, Daniel - 819 WTh-AM, 860 WTh-PM
Alexander, Gene - 360 WTh-PM
Alexander-Bloch, Aaron - **503 MT-AM**, **974 MT-PM**
Alexandre-Jr, Veriano - 330 MT-PM
Alexopoulos, George - 1317 WTh-AM
Alfayate, Eva - 1549 WTh-AM
Alfayate Sáez, Eva - 340 WTh-PM, 871 MT-AM, 887 MT-AM
Alger, Jeffry - 1488 WTh-PM, 377 WTh-AM, 382 WTh-PM, 582 MT-PM, **860 MT-PM**
Alghamdi, Jamaan - 1401 MT-AM, **1525 WTh-AM**
Alho, Kimmo - 46 WTh-PM
Alhusaini, Saud - **333 MT-AM**
Ali, Musliimah - 461 MT-AM
Ali, Shazia - 1246 WTh-PM
Aliakbarpour, Hadi - 1409 WTh-AM
Alice, Rossi - 1242 MT-PM
Alku, Paavo - 1513 WTh-AM
Allard, Michele - 1447 WTh-AM, 478 MT-PM, 616 MT-PM
Allen, Adrian - 379 MT-AM
Allen, Chris - 101 WTh-AM, **134 MT-PM**
Allen, Elena - **1142 MT-PM**, **567 MT-AM**
Allen, John - 58 MT-PM
Allen, Micah - **770 MT-PM**
Allen, Nicholas - 355 MT-AM
Allendorfer, Jane - **1022 WTh-PM**, **1069 WTh-AM**, 928 WTh-PM, 1020 WTh-PM
Allin, Matt - 1466 WTh-PM
Almasy, Laura - 734 WTh-PM, 739 WTh-AM
Almeida, Inês - **679 WTh-AM**
Almryde, Kyle - **1029 WTh-AM**, 1091 WTh-AM
Alnajashi, Sumyah - 162 MT-PM
Alpay, Gamze - **75 MT-AM**
Alpert, Kathryn - 1076 MT-PM, 1392 WTh-PM
Alsop, David - 1394 MT-PM, 466 MT-PM, 620 MT-PM
Alter, Kai - 618 WTh-PM, 633 WTh-AM
Altmann, Ulrike - 1561 MT-AM, **1592 MT-PM**
Alvarado, Stella - 607 MT-AM
Alvarez, Ruben - **686 WTh-PM**
Álvarez-Linera, Juan - 1549 WTh-AM, 72 MT-PM, 820 WTh-PM, 871 MT-AM, 887 MT-AM, 340 WTh-PM, 78 MT-PM, 79 MT-AM
Alves, Tânia - 1381 MT-AM
Alzamora, Maite - 607 MT-AM, 614 MT-PM, 781 WTh-AM
Amand, Frank - 226 MT-PM
Amaral, David - 407 WTh-AM
Amaral, Selene - **1195 WTh-AM**
Amaro, Edson - 1205 MT-AM, 307 WTh-AM, 346 MT-PM, 716 MT-PM, 986 WTh-PM
Amaro Jr., Edson - 1353 WTh-AM, 30 WTh-PM, 40 MT-PM
Amat-Roldan, Ivan - 1145 MT-AM, 1344 WTh-PM
Amati, Daniele - 62 MT-PM
Amatya, Nabin - 1364 MT-PM
Amedi, Amir - 1400 WTh-PM, 1583 WTh-AM
Ameli, Mitra - 598 MT-PM
Amemiya, Kaoru - **1238 MT-PM**
Amengual Roig, Julian Luis - **1299 MT-AM**
Amiel, Stephanie - 676 MT-PM
Amiet, Claire - 402 WTh-PM
Amieva, Helene - 1447 WTh-AM
Aminoff, Elissa - **1166 WTh-PM**
Amir, Noam - 1089 WTh-AM
Amirbekian, Bagrat - 599 MT-AM, **836 WTh-PM**
Amita, Takashi - 841 MT-AM
Amunts, Katrin - 1349 WTh-AM, 1371 MT-AM, 1429 WTh-AM, 1462 WTh-PM, 1492 WTh-PM, 329 WTh-AM, 458 MT-PM, 469 MT-AM
An, Hyeon Min - **683 WTh-AM**
An, Jing - 878 MT-PM
Anand, Amit - 405 WTh-AM, **426 MT-PM**
Andelman, Fani - 223 MT-AM
Anderle, Michael - 1046 MT-PM
Anders, Silke - 700 MT-PM, 745 MT-AM, **759 MT-AM**
Andersen, Anders - 348 WTh-PM

Bolded poster numbers indicate first author

Anderson, Adam - 192 WTh-PM
Anderson, Ariana - **1150 MT-PM**
Anderson, Jeffrey - **989 MT-AM**
Anderson, Julie - 1436 MT-PM, 980 MT-PM
Anderson, Lindsay - 258 MT-PM
Anderson, Michael - 1176 WTh-PM
Anderson, Tim - 436 WTh-PM, 466 MT-PM
Anderson, Vicki - 440 WTh-PM
Andersson, Frédéric - 1432 WTh-PM, 1565 MT-AM, 404 WTh-PM
Andersson, Jesper - 1085 MT-AM, 1153 MT-AM, 1402 WTh-PM
Ando, Hiroshi - 130 MT-PM
Andoh, Jamila - 1272 MT-PM
Andrade, Alexandre - 1008 MT-PM
Andrade, Katia - 582 WTh-PM
Andrea, Falini - 1242 MT-PM, 721 MT-AM
Andreas, Ströhle - 389 MT-AM
Andreasen, Nancy - 1393 WTh-AM, 527 MT-AM
Andreassen, Ole - 565 MT-AM, 574 MT-PM, 644 MT-PM, 957 MT-AM
Andres, Michael - **265 MT-AM**
Andrew, Gail - 490 WTh-PM
Andrewes, Stuart - 497 WTh-AM
Andric, Michael - **1285 WTh-AM**
Andrieu, Patrice - 1544 WTh-PM, 1545 WTh-AM
Angell, Linda - 120 MT-PM
Anghel, Marian - 1507 MT-AM
Anguera, Joaquin A - **93 WTh-AM**
Annese, Jacopo - **1494 WTh-PM**
Annoni, Jean-Marie - 1088 WTh-PM, 141 WTh-AM, 1545 MT-AM, 84 MT-PM
Ansado, Jennyfer - **194 WTh-PM**
Ansaldò, Ana Inés - 1535 MT-AM
Ansari, Daniel - 269 MT-AM, 274 MT-PM, 279 MT-AM
Ansari, Sib - 520 WTh-PM
Anselmi, Cecilia - 1546 WTh-PM
Anstey, Kaarin - 1371 WTh-AM, 1460 WTh-PM, 313 WTh-AM, 588 MT-PM
Antal, Andrea - 1131 WTh-AM, 777 MT-AM, 8 MT-PM
Anthony, Chen - 557 MT-AM
Anthony, McIntosh - 1181 WTh-AM
Anticevic, Alan - 1465 WTh-AM, **512 MT-PM**, 581 MT-AM
Anton, Jean-Luc - 1041 WTh-AM
Antonelli, Francesca - 1213 MT-AM, 19 WTh-AM
Antonia, Ceccarelli - 1242 MT-PM
Antuono, Piero - 351 WTh-AM, 390 WTh-PM
Anwander, Alfred - 1324 WTh-PM, 1328 MT-PM, **1329 MT-AM**, 1362 MT-PM, 1449 WTh-AM, 512 WTh-PM, 795 WTh-AM, 801 WTh-AM, 826 WTh-PM, 910 MT-PM
Aoki, Hiromichi - 842 MT-PM
Aoki, Ryuta - **824 MT-PM**, 834 MT-PM
Aoki, Shigeki - 1373 MT-AM
Aoyama, Yoshiyuki - 370 MT-PM, 398 WTh-PM
Apkarian, A. Vania - 1286 WTh-PM
Apkarian, Vania - 1330 WTh-PM, 1422 MT-PM
Apostolova, Liana - **385 WTh-AM**
Appenzeller, Monique - 84 MT-PM
Apperly, Ian - 762 MT-PM
Apps, Matt - **1230 MT-PM**, 1231 MT-AM, **720 MT-PM**
Apud, Jose - 557 MT-AM, 66 WTh-PM
Aquino, Domenico - 1534 MT-PM
Aquino, Kevin - 1218 WTh-PM, **1232 WTh-PM**, **1233 WTh-AM**
Arana, Fernando Sergio - 518 MT-PM
Arango, Celso - 221 WTh-AM, 243 MT-AM, 529 MT-AM
Arantes, Paula - 346 MT-PM
Arbizu, Javier - 338 WTh-PM
Ardagh, Michael - 436 WTh-PM
Arenaza-Urquijo, Eider M. - **368 WTh-PM**, 388 WTh-PM
Arenillas, Juan Francisco - 607 MT-AM, 614 MT-PM, 781 WTh-AM

Arfanakis, Konstantinos - 1065 MT-AM, 1066 MT-PM, 752 WTh-PM, 859 WTh-AM
Armony, Jorge - 20 WTh-PM
Arnal, Luc - **1563 WTh-AM**
Arne, Wrede - 779 WTh-AM
Arnold, Douglas - 768 WTh-PM
Arnold, Sheeba - 1016 MT-PM, 919 MT-AM
Arnstein, Daniel - **196 MT-PM**
Arolt, Volker - 1199 WTh-AM, 42 MT-PM, 695 MT-AM, 847 MT-AM, 167 WTh-AM, 628 WTh-PM
Aron, Adam - 109 MT-AM, 481 MT-AM, 54 MT-PM, 97 MT-AM
Aronen, Hannu - 708 MT-PM
Arranz, Angela - 480 WTh-PM
Arrighi, Pieranna - 132 MT-PM
Arrondo, Gonzalo - 511 WTh-AM, **564 WTh-PM**
Artieda, Julio - 1037 MT-AM
Artiges, Eric - 393 MT-AM
Arzouan, Yossi - 1551 MT-AM
Asadi, Hamed - 459 MT-AM
Asamizuya, Takeshi - 1093 WTh-AM, 526 WTh-PM, 527 WTh-AM, 60 MT-PM
Asano, Kohei - 1421 WTh-AM, **180 MT-PM**, 1426 WTh-PM, 200 WTh-PM
Asano, Michiko - 1421 WTh-AM, 180 MT-PM, 200 WTh-PM, 1426 WTh-PM
Asarnow, Robert - 1369 MT-AM, 497 MT-AM, 582 MT-PM, 794 MT-PM
Aschersleben, Gisa - 926 MT-PM
Ashburner, John - 1256 WTh-PM, 1257 WTh-AM, 1323 WTh-AM, 1398 WTh-PM, 699 WTh-AM, 758 WTh-PM
Ashinoff, Samantha - 1171 MT-AM
Ashkan, Keyoumars - 19 MT-AM
Ashtari, Manzar - **771 WTh-AM**, **775 WTh-AM**
Aslan, Behrem - 444 MT-PM
Aso, Toshihiko - **925 WTh-AM**
Aspell, Jane - 1551 WTh-AM
Assaf, Michal - **401 WTh-AM**
Assaf, Yaniv - 1281 WTh-AM, 1479 WTh-AM, 1485 MT-AM, 154 WTh-PM, 197 WTh-AM, 358 WTh-PM, 900 MT-PM, 905 MT-AM, 907 MT-AM, 911 MT-AM
assecondi, Sara - **812 MT-PM**
Assenza, Giovanni - 617 MT-AM
Astafiev, Serguei - 1377 MT-AM, 92 WTh-PM
Asthana, Sanjay - 193 WTh-AM
Astolfi, Laura - 886 WTh-PM
Atienza, Mercedes - 1043 MT-AM
Atlas, Lauren - **1403 MT-AM**
Atsumori, Hirokazu - 824 MT-PM, 826 MT-PM, 834 MT-PM
Attal, Yohan - **1007 WTh-AM**, 204 MT-PM
Attarian, Sharam - 21 WTh-AM
Attias, Hagai - 1035 MT-AM, 1200 WTh-PM, 999 WTh-AM
Atzil, Shir - **736 MT-PM**
Audette, Joseph - 41 WTh-AM
Audoin, Bertrand - 494 WTh-PM, 883 MT-AM
Aue, Tatjana - **747 MT-AM**
Auer, Dorothee - 480 MT-PM
Auer, Tibor - **1111 MT-AM**
Augustinack, Jean - 875 WTh-AM
Aunio, Antti - 12 MT-PM
Auxiette, Catherine - 22 MT-PM
AUZIAS, GUILLAUME - **1075 MT-AM**, 1268 WTh-PM
Avants, Brian - 1425 WTh-AM, 771 WTh-AM, 775 WTh-AM, **1388 WTh-PM**
Avesani, Paolo - 1289 WTh-AM
Avgis, Hadjipapas - 1100 MT-PM
Avidan, Galia - 1414 WTh-PM
Avila, César - 278 WTh-PM, 659 WTh-AM, 761 MT-AM, 1021 MT-AM, 1096 WTh-PM, 118 WTh-PM, 314 MT-PM, 579 WTh-AM
Avila, Renata - 436 MT-PM
Avsar, Kathy - 555 MT-AM
Awh, Edward - 932 MT-PM

Axer, Hubertus - 829 MT-AM
Axer, Markus - **1462 WTh-PM**
Axmacher, Nikolai - 1155 WTh-AM, **1156 WTh-PM**
Aylward, Elizabeth - 170 WTh-PM, **176 WTh-PM**
Azadbakht, Hojjatollah - **1335 MT-AM**
Aziz, Tipu - 1439 MT-AM, 1495 WTh-AM, 24 MT-PM, 25 MT-AM, 487 MT-AM, 488 MT-PM
Aznárez-Sanado, Maite - 1466 MT-PM, 511 WTh-AM, 564 WTh-PM, **546 WTh-PM**

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Baaré, William F. - 201 WTh-AM
Baars, Rebecca - 431 WTh-AM
Babacan, Derin - 1203 WTh-AM
Babakchian, Sona - 385 WTh-AM
Babb, Casey - 432 MT-PM
Babiloni, Claudio - 893 WTh-AM, 121 WTh-AM, 127 WTh-AM
Babiloni, Fabio - 886 WTh-PM
Babul, Arif - 327 WTh-AM
Baccus, Wendy - **170 MT-PM**
Bach, Dominik - **38 WTh-PM**, 638 MT-PM, 655 MT-AM
Bach Cuadra, Meritxell - 797 WTh-AM
Bache, Kevin - 1047 MT-AM
Bachmann, Georg - 444 MT-PM
Bachtiar, Velicia - **1270 MT-PM**
Baciu, Monica - 1025 WTh-AM, 1027 WTh-AM, 1154 WTh-PM, 1517 MT-AM, 1518 MT-PM, 1547 MT-AM, 742 MT-PM
Backens, Martin - 713 WTh-AM
Bäckman, Lars - 778 MT-PM
Badgaiyan, Rajendra - **656 WTh-PM**
BADILLO, Solveig - **937 WTh-AM**
Badzakova-Trajkov, Gjurgjica - 1333 MT-AM
Baek, Han-Su - 1428 WTh-PM, 920 MT-PM
Baek, Kwangyeol - **1399 MT-AM**, 1243 WTh-AM
Baerends, Evelinda - 1404 MT-PM, 1405 MT-AM
Baess, Pamela - **232 MT-PM**
Baeza, Immaculada - 534 MT-PM
Bagarinao, Epifanio - 152 WTh-PM
Bagic, Anto - 431 MT-AM
Bagshaw, Andrew - 1100 MT-PM, 795 MT-AM, 798 MT-PM
Bahlmann, Joerg - 1003 MT-AM
Bahrami, Bahador - **98 WTh-PM**, 235 MT-AM
Bahrami, Parisa - **1286 MT-PM**
Bai, Lijun - 990 WTh-PM, 11 MT-AM
Baik, Grace - 626 MT-PM
Baik, Sang-hyun - 588 WTh-PM, 657 MT-AM
Bailer, Ursula - 406 MT-PM
Bailey, Jennifer - **1295 MT-AM**, 1480 WTh-PM
Bailey, Lara - **787 MT-AM**
Baillet, Sylvain - 1007 WTh-AM, 1015 WTh-AM, 1016 WTh-PM, 1059 MT-AM, 1075 MT-AM, 1309 MT-AM, 1354 WTh-PM, 1468 MT-PM, 23 MT-AM
Baines, Stephanie - **136 WTh-PM**
Bais, L. - **13 WTh-AM**
Bajaj, Narinder - 480 MT-PM
Bajo, M. - 85 MT-AM
Baker, Amanda - 573 MT-AM
Baker, Christopher - 1553 WTh-AM
Bakken, Trygve - **565 MT-AM**
Balci, Mete - 1355 WTh-AM
Baldeweg, Torsten - 1531 WTh-AM
Baldwin, Ronald - 520 WTh-PM
Balériaux, Danielle - 69 WTh-AM
Baliki, Marwan N - 1286 WTh-PM, 1330 WTh-PM, **1422 MT-PM**
Ball, Tonio - 125 WTh-AM, 1255 MT-AM, 1301 MT-AM, 1322 WTh-PM, 580 WTh-PM, 711 WTh-AM, 1248 WTh-PM, 1543 MT-AM, 894 WTh-PM, 589 MT-AM
Ballard, Kacey - **690 MT-PM**

Baller, Erica - 554 MT-PM, 756 WTh-PM
 Ballesteros, Soledad - **1107 WTh-AM**
 Balsters, Joshua - **147 WTh-AM**, 68 WTh-PM
 Baltaci, Serdar - **1355 WTh-AM**
 Balteau, Evelyne - 1141 WTh-AM, 1226 WTh-PM, 1343 WTh-AM, 1438 WTh-PM, 44 MT-PM
 Balthazar, Marcio - **1532 MT-PM**
 Ban, Emiko - 352 WTh-PM
 Banaschewski, Tobias - 708 WTh-PM
 Bandettini, Peter - 1256 WTh-PM, 1169 MT-AM, 1191 MT-AM, 1193 MT-AM, 1255 WTh-AM, 886 MT-PM
 Banerjee, Arpan - **1133 MT-AM**
 Bang, Oh Young - 29 WTh-AM
 Bang, Seong Ae - **710 MT-PM**
 Bangaru, Saroja - 1194 MT-PM, 1196 MT-PM, 234 WTh-PM
 Banich, Marie - 113 MT-AM, 337 WTh-AM
 Banks, Christi - 1020 WTh-PM, 1022 WTh-PM, 1069 WTh-AM, 611 MT-AM
 Banks, Sarah - **1135 WTh-AM**
 Bannert, Michael - 940 MT-PM
 Bannister, Louise - **606 MT-PM**, 610 MT-PM
 Bansal, Ravi - 368 MT-PM
 Bar, Moshe - 677 WTh-AM
 Bar Kochva, Irit - **1567 MT-AM**
 Bara, Bruno - 723 MT-AM
 Barakat, Marc - **1109 WTh-AM**, 1138 WTh-PM
 Baraldi, Patrizia - 1278 WTh-PM
 Barazany, Daniel - **1479 WTh-AM**
 Barba, Carmen - 324 MT-PM
 Barba, Erika - 909 MT-AM
 Barbalat, Guillaume - 666 MT-PM
 Barbe, Michael - 21 MT-AM
 Barbe, Pierre-Guillaume - 95 WTh-AM
 Barbeau, Elise - **409 WTh-AM**
 Barbeau, Joannie - 199 WTh-AM
 Barbot, Alexis - 1090 MT-PM, 1218 MT-PM, 1443 WTh-AM, **962 WTh-PM**
 Barbour, Randall - 861 MT-AM, 864 MT-PM, 865 MT-AM
 Barcelo, Francisco - 550 MT-PM, 70 MT-PM
 Barch, Deanna - 512 MT-PM, 581 MT-AM
 Bardinet, Eric - 1007 WTh-AM, 1326 MT-PM, 1334 MT-PM
 Bardouille, Tim - 1125 WTh-AM, 1132 WTh-PM, 1518 WTh-PM, 1576 WTh-PM, 1182 WTh-PM
 Bareither, Isabelle - 1198 MT-PM, 691 WTh-AM
 Bares, Martin - 1 WTh-AM, 465 MT-AM, 529 WTh-AM
 Bargallo, Nuria - 1083 MT-AM, 1499 WTh-AM, 367 WTh-AM, 368 WTh-PM, 388 WTh-PM, 448 MT-PM, 480 WTh-PM, 5 MT-AM, 534 MT-PM, 6 MT-PM, 614 MT-PM, 763 WTh-AM, 828 WTh-PM, 846 WTh-PM
 Barger, James - 1467 WTh-AM
 Bargiacchi, Anne - **402 WTh-PM**
 Barisheva, Marina - 796 WTh-PM
 Barker, Antony - 1228 MT-PM
 Barker, Gareth - 296 MT-PM, 329 MT-AM, 347 MT-AM, 586 WTh-PM, 757 WTh-AM, 973 WTh-AM
 Barker, Roger - 983 MT-AM
 Barkovich, A. James - 1220 MT-PM, 1359 WTh-AM, 790 WTh-PM
 Barkus, Emma - 542 MT-PM
 Barlow, Ashley - 1419 MT-AM, 1456 MT-PM
 Barnard, Philip - 1164 WTh-PM
 BARNDEN, Leighton - **765 WTh-AM**
 Barnes, Anna - 1161 MT-AM, **1390 MT-PM**
 Barnes, Gareth - 1100 MT-PM, 1144 WTh-PM, 38 WTh-PM, 456 MT-PM, **1006 WTh-PM**
 Barnes, Graham - 1161 WTh-AM
 Barnett, Alan - 1250 WTh-PM, 820 MT-PM, 852 WTh-PM
 Barnett, Nicola - 331 WTh-AM
 Barnow, Sven - 684 WTh-PM, 686 MT-PM
 Baron, Jean-Claude - 1531 MT-AM
 Barone, Pascal - 1023 WTh-AM
 Barr, Shawn - 1507 MT-AM
 Barr, William - 100 MT-PM
 Barra, Julien - **278 MT-PM**
 Barreiros, Maria Angela - 40 MT-PM
 Barret, Olivier - 478 MT-PM
 Barret, William - 973 MT-AM
 Barrio, Jorge - 380 WTh-PM
 Barrios, Fernando - 1234 MT-PM, 751 MT-AM, 124 WTh-PM, 218 MT-PM, 235 WTh-AM, 667 WTh-AM
 Barrios, Maite - 607 MT-AM, 614 MT-PM, 781 WTh-AM
 Barros, Allan - 330 MT-PM
 Barrós-Loscertales, Alfonso - 278 WTh-PM, **579 WTh-AM**, 659 WTh-AM, 761 MT-AM, 1021 MT-AM
 Barta, Patrick - 578 MT-PM
 Bartels, Andreas - 145 MT-AM, 879 MT-AM
 Barter, Joseph - 523 WTh-AM, **689 MT-AM**, 772 MT-PM
 Barth, Maria - 227 WTh-AM, 397 WTh-AM, 412 WTh-PM
 Barth, Markus - 918 WTh-PM, 953 WTh-AM, 1174 WTh-PM
 Barthel, Henryk - 308 WTh-PM, 88 MT-PM
 Barthélémy, Catherine - 95 WTh-AM
 Bartolomei, Fabrice - 963 WTh-AM, 328 MT-PM, 331 MT-AM
 Bartolomeo, Paolo - 172 MT-PM
 Bartolotti, James - **1050 MT-PM**
 Bartosic, Anne - **804 WTh-PM**
 Bartrés-Faz, David - 347 WTh-AM, 367 WTh-AM, 368 WTh-PM, 388 WTh-PM, 5 MT-AM, 1423 MT-AM, 846 WTh-PM, 6 MT-PM
 Bartsch, Andreas - 1367 MT-AM
 Bartsch, Thorsten - 1432 MT-PM
 Barttfeld, Pablo - **408 WTh-PM**
 Barysheva, Marina - 716 WTh-PM, 72 MT-PM, 824 WTh-PM, 744 WTh-PM
 Basgoze, Zeynep - 435 MT-AM
 Bashir, Shahid - **28 WTh-PM**
 Basilio, Rodrigo - 716 MT-PM
 Basnakova, Jana - **1086 WTh-PM**
 Bassett, Danielle - **855 WTh-AM**
 Basso, Demis - 121 MT-AM, 293 MT-AM
 Basso, Gianpaolo - 1288 WTh-PM
 Basten, Ulrike - 124 MT-PM
 Bastiaansen, Marcel - 1032 WTh-PM, 1067 WTh-AM, **1073 WTh-AM**
 Bastianello, Stefano - 381 WTh-AM
 Bastien, Celyne - 899 WTh-AM
 Bastien, Danielle - 851 MT-AM
 Bastin, Christine - 373 WTh-AM
 Bastin, Mark - 420 MT-PM
 Batalle, Dafnis - **1145 MT-AM**
 Batchelor, Philip - 819 WTh-AM
 Bate, Andrew - 750 MT-PM
 Batra, Anil - 707 WTh-AM
 Batson, Daniel - 746 MT-PM
 Battistella, Giovanni - 306 WTh-PM, **84 MT-PM**
 Batty, Martin - 505 WTh-AM
 Baudewig, Jürgen - 136 MT-PM, 681 WTh-AM
 Baudino, Bruno - 888 MT-PM
 Baudrexel, Simon - 21 MT-AM
 Bauer, Andreas - 890 MT-PM
 Bauer, Clemens - 218 MT-PM
 Bauer, Eva - **49 MT-AM**
 Bauer, Herbert - 175 MT-AM
 Bauer, Jochen - 543 MT-AM, 628 WTh-PM, 757 MT-AM, **847 MT-AM**
 Bauer, Markus - 47 WTh-AM
 Baumann, Oliver - **156 MT-PM**, **271 MT-AM**
 Baumeister, Sarah - 417 MT-AM
 Baumgaertner, Annette - 1034 WTh-PM, 1519 MT-AM, **1542 MT-PM**
 Baumgartner, Richard - 980 MT-PM
 Bäuml, Karl-Heinz - 1146 WTh-PM, 1152 WTh-PM, 1172 WTh-PM, 1470 MT-PM
 Baune, Bernhard - 155 WTh-AM
 Baur, Volker - **374 MT-PM**
 Baving, Lioba - 917 MT-AM
 Bayartz, Laura - 417 MT-AM
 Bayer, Ferdinand - 473 MT-AM
 Bayerl, Martin - 487 WTh-AM, **921 MT-AM**
 Baykova, Evgenia - 349 WTh-AM
 Bayle, Dimitri - 259 MT-AM, **685 WTh-AM**
 Baylis, Gordon - 242 WTh-PM
 Bayraktaro lu, Zübeyir - 818 MT-PM
 Bayram, Ali - 818 MT-PM
 Bazih, Adam - 1387 WTh-AM
 Bazin, Pierre-Louis - 1354 MT-PM, 1361 WTh-AM, 1390 WTh-PM, 1489 WTh-AM
 Beall, Erik - 1040 MT-PM, **1121 MT-AM**, **399 MT-AM**
 Bean, Stephanie - 258 MT-PM
 Beare, Richard - **1473 WTh-AM**, **172 WTh-PM**
 Beauchamp, Michael - **1018 WTh-PM**, 1552 WTh-PM, 1556 WTh-PM
 Beauchamp, Miriam - **440 WTh-PM**
 Beaulieu, Christian - 1593 MT-AM, 835 WTh-AM, 490 WTh-PM
 Beaulieu Lefebvre, Mathilde - **1543 WTh-AM**
 Beaver, John - 633 MT-AM
 Beblo, Thomas - 927 MT-AM, **391 MT-AM**
 Becerra, Lino - 1375 MT-AM, 1407 MT-AM, **1440 MT-PM**, 980 MT-PM
 Bechara, Antoine - 876 MT-PM
 Beck, Anne - **246 WTh-PM**, 273 WTh-AM, 489 MT-AM, 56 MT-PM, 639 MT-AM, 639 WTh-AM, 640 MT-PM, 661 MT-AM
 Beck, Lydia - **159 WTh-AM**
 Becker, Benjamin - **1123 WTh-AM**
 Becker, Benjamin - 252 WTh-PM
 Becker, J.Alex - 169 WTh-AM
 Becker, James - 149 MT-AM, 318 WTh-PM, 319 WTh-AM, 703 WTh-AM, 881 MT-AM, 882 MT-PM
 Becker, John Alex - **384 WTh-PM**
 Becker, Katrin - 1519 MT-AM
 Beckmann, Christian - 1091 MT-AM, 1141 MT-AM, 1193 WTh-AM, 451 WTh-AM, 453 WTh-AM, 455 MT-AM, 633 MT-AM, 93 MT-AM, 1131 MT-AM, 1140 MT-PM, 872 MT-PM, 982 MT-PM
 Beckmann, Christian F - 1160 MT-PM, 702 WTh-PM
 Beckmann, Simon - 1457 MT-AM
 Bédard, Patrick - 1304 MT-PM
 Bedny, Marina - 725 MT-AM
 Bedoyan, Jirair - 1171 MT-AM
 Bedrick, Edward - 1101 MT-AM
 Beeman, Mark - 240 MT-PM
 Beg, Faisal - 327 WTh-AM, 357 WTh-AM
 Beg, M. Faisal - 1392 WTh-PM
 Beg, Mirza Faisal - 1270 WTh-PM, 1371 WTh-AM, 791 MT-AM
 Beglinger, Leigh - 483 MT-AM
 Begliomini, Chiara - **1257 MT-AM**
 Behen, Michael E. - **992 WTh-PM**
 Behne, Nicole - **42 WTh-PM**
 Behrens, Timothy - 1103 MT-AM, 342 WTh-PM, 542 WTh-PM, 544 WTh-PM, 638 MT-PM, 727 MT-AM, 813 WTh-AM, 821 WTh-AM, 96 MT-PM
 Behrmann, Marlene - 823 WTh-AM
 Behrwind, Simone - **505 MT-AM**
 Behzadi, MD, Arian - 295 WTh-AM
 Beisteiner, Roland - 1079 MT-AM, 1080 MT-PM, 1081 MT-AM, 1463 MT-AM, 956 WTh-PM, **957 WTh-AM**
 Bekinschtein, Tristan - 174 MT-PM
 Bekkering, Harold - 1052 WTh-PM
 Beladi, Somaieh - **807 WTh-AM**
 Béland, Renée - 1559 MT-AM
 Belenguer, Antonio - 118 WTh-PM
 Belhage, Bo - 1264 MT-PM

Belin, Pascal - 1132 MT-PM, 1557 WTh-AM, 211 MT-AM, 603 WTh-AM, 961 WTh-AM, 203 MT-AM, 217 MT-AM, 1582 WTh-PM

Belke, Marcus - 1330 MT-PM, **452 MT-PM**

Bellec, Pierre - 1109 WTh-AM, **1182 MT-PM**, 975 MT-AM, 1138 WTh-PM, 1237 MT-AM

Bellerose, Jenny - 1135 WTh-AM

Belleville, Sylvie - 162 WTh-PM, 328 WTh-PM

Bellgrove, Mark - 1199 MT-AM, 77 WTh-AM

Belliveau, John - 140 MT-PM, 810 MT-PM

Bellivier, Frank - 393 MT-AM

Bellmann-Strobl, Judith - 1254 WTh-PM

Belloch-Ugarte, Vicente - 278 WTh-PM

Bells, Sonya - 1273 MT-AM

Bellugi, Ursula - 645 WTh-AM

Beltramello, Alberto - 321 WTh-AM, 325 WTh-AM

Ben Hamed, Sulian - 64 WTh-PM

Ben Simon, Eti - 1283 WTh-AM

Ben Sira, Liat - 1281 WTh-AM, 1139 WTh-AM

Ben-Shachar, Michal - 1055 WTh-AM, 1581 MT-AM

Benali, Habib - 1109 WTh-AM, 1215 WTh-AM, 1237 MT-AM, 1268 WTh-PM, 1334 MT-PM, 1361 MT-AM

Benar, Christian - 1215 WTh-AM, 328 MT-PM

Benavides-Piccione, Ruth - 1205 WTh-AM

Bender, Stephan - **1265 MT-AM**, **315 WTh-AM**, **708 WTh-PM**, **893 MT-AM**, **922 MT-PM**

Bendixen, Alexandra - 48 WTh-PM, 906 MT-PM

Bendlin, Barbara - 435 WTh-AM, 455 WTh-AM

Benelli, Enrico - 695 WTh-AM

Benferhat, Anees - **30 MT-PM**, 77 MT-AM

Bengoetxea, Endika - 1295 WTh-AM

Bengson, Jesse - 123 WTh-AM

Bening, Johanna - 847 MT-AM

Benjamini, Yoav - 914 WTh-PM

Benner, Thomas - 1491 WTh-AM

Bennett, Craig - **1213 WTh-AM**, **1568 WTh-PM**

Bennett, David - 752 WTh-PM

Benoit, Roland - **540 WTh-PM**

Benovoy, Mitchel - 682 MT-PM

Bentham, Peter - 363 WTh-AM, 364 WTh-PM

Bentin, Shlomo - 1014 WTh-PM

Benuzzi, Francesca - **191 MT-AM**, 1478 WTh-PM, 1476 WTh-PM

Bergamasco, Massimo - 132 MT-PM

Bergé, Daniel - 533 MT-AM

Berger, Mitchel - 836 WTh-PM

Berger, Moritz - 593 WTh-AM

Bergman, Hagai - 1400 WTh-PM

Bergmann, Jürgen - 1572 MT-PM

Bergquist, Keri - 250 WTh-PM

Bergsma, Douwe - 596 MT-PM

Bergström, Zara - **1176 WTh-PM**

Berkman, Elliot - 753 MT-AM

Berl, Madison - 1170 MT-PM

Berlinger, Manuela - **182 WTh-PM**

Berman, Karen - 1096 MT-PM, 119 MT-AM, 294 MT-PM, 30 MT-PM, 481 WTh-AM, 554 MT-PM, 641 WTh-AM, 723 WTh-AM, 749 WTh-AM, 756 WTh-PM, 77 MT-AM, 642 WTh-PM, 724 WTh-PM

Bermpohl, Felix - **1145 WTh-AM**

Bermudez, Patrick - **962 MT-PM**

Bernabeu, Monste - 16 WTh-PM, 443 WTh-AM

Bernacer, Javier - **1503 WTh-AM**, 571 MT-AM

Bernard, Jessica - **1232 MT-PM**

Bernardi, Giulio - 1053 MT-AM, **1384 WTh-PM**

Bernarding, Johannes - 1319 WTh-AM, 1404 WTh-PM, 532 WTh-PM, 814 WTh-PM, 815 WTh-AM

Bernardo, Miquel - 1083 MT-AM

Bernasconi, Andrea - 297 MT-AM, 298 MT-PM, 299 MT-AM, 320 MT-PM

Bernasconi, Fosco - **264 MT-PM**

Bernasconi, Neda - 297 MT-AM, 298 MT-PM, 299 MT-AM

Bernd, Gallhofer - 49 MT-AM

Bernhardt, Boris - **297 MT-AM**, **298 MT-PM**, **299 MT-AM**, 320 MT-PM

Bernier, Pierre-Michel - **1252 MT-PM**, 32 WTh-PM

Bernstein, Matt - 360 WTh-PM

Bernstein, Matt A. - 840 WTh-PM, 865 WTh-AM

Berrington, Neil - 972 WTh-PM

Berrut, Claire - 128 MT-PM

Berry, Isabelle - 1189 MT-AM, 782 MT-PM

Bertasi, Eric - 1561 WTh-AM

Berthoz, Alain - 277 MT-AM, 278 MT-PM

Bertoldo, Alessandra - 845 WTh-AM, 1117 MT-AM, 1381 WTh-AM, 799 MT-AM

Bertolino, Alessandro - 586 MT-PM, 955 MT-AM, 960 MT-PM

Bertrand, Olivier - 1015 WTh-AM, 115 WTh-AM, 1309 MT-AM, 140 WTh-PM, 1403 WTh-AM, 332 MT-PM, 907 WTh-AM

Bertrand, Perrine - 1189 MT-AM, 805 WTh-AM

Bertrand, Thirion - 1218 MT-PM

Beschoner, Petra - 37 MT-AM, 870 MT-PM

Besle, Julien - **1444 MT-PM**

Best, Anna - 1579 WTh-AM

Beste, Christian - 42 MT-PM

Bestelmeyer, Patricia - 203 MT-AM, 211 MT-AM, **603 WTh-AM**

Bethmann, Anja - **1560 WTh-PM**

Bettencourt, Luis - 1507 MT-AM

Betti, Viviana - 1179 MT-AM

Bettus, Gaele - **328 MT-PM**, 331 MT-AM

Beucke, Jan-Carl - 421 MT-AM

beutel, manfred - 639 WTh-AM

Bewersdorff, Malte - 449 MT-AM

Beyea, Steven - 301 MT-AM

Beyens, Hilde - 1319 MT-AM, 437 WTh-AM

Bezerra, Diana - **436 MT-PM**

Bezgin, Gleb - 1383 WTh-AM

Bhaskar, Kolachana - 852 WTh-PM

Bhatt, Ramesh - 1510 MT-PM

Bhattacharyya, Pallab - 399 MT-AM

Bhavsar, Saurabh - **1413 MT-AM**

Bherer, Louis - 48 MT-PM, 833 MT-AM

Bi, Yanchao - 1031 WTh-AM, 1042 WTh-PM

Bianchi, Anna - 812 MT-PM

Biassou, Nadia - **1043 WTh-AM**, 931 WTh-AM

Biazoli Junior, Claudinei - **1205 MT-AM**

Bickart, Kevin - **1482 WTh-PM**

Bidet-Caulet, Aurelie - **95 WTh-AM**

Biederman, Irving - 160 MT-PM, 221 MT-AM

Biederman, Joseph - 483 WTh-AM

Bielecki, Maciej - 384 MT-PM

Bielsa, Anna - 909 MT-AM

Bielza, Concha - 1205 WTh-AM

Bien, Heidrun - **1080 WTh-PM**

Bigdely-Shamlo, Nima - 1152 MT-PM

Biglarian, Stephanie - 747 WTh-AM

Bijsterbosch, Janine - **1228 MT-PM**

Bilalic, Merim - **142 MT-PM**

Bilder, Robert - 1177 MT-AM, 1363 MT-AM, 47 MT-AM

Bilevicus, Elisabeth - 327 MT-AM

Billot, Pierre-Edouard - **1545 WTh-AM**

Binder, Jeffrey - 1078 WTh-PM, 1087 WTh-AM

Bingel, Ulrike - 1408 MT-PM

Binkofski, Ferdinand - **1266 MT-PM**

Binney, Richard - **1332 MT-PM**, 829 WTh-AM

Birbaumer, Niels - 1294 MT-PM, 1539 MT-AM, 1580 MT-PM, 425 WTh-AM, 521 WTh-AM, 586 WTh-PM, 789 MT-AM, 850 WTh-PM, 856 MT-PM, 933 WTh-AM

Birgit, Stürmer - 75 MT-AM

Birkner, Stefanie - 1152 WTh-PM, 1470 MT-PM

BIRN, F - 1207 MT-AM, 1318 WTh-PM, 936 WTh-PM

Birn, Rasmus - **1046 MT-PM**, 1176 MT-PM, 503 MT-AM, 974 MT-PM

Birot, Gwenaël - 1326 WTh-PM, 7 MT-AM

Bischof, Gérard - 1107 WTh-AM, 156 WTh-PM

Bischoff, Matthias - **1310 MT-PM**, 940 MT-PM

Bischoff-Grethe, Amanda - 348 MT-PM

Bishop, Courtney - **1365 WTh-AM**

Bishop, Daniel - 1417 WTh-AM

Bishop, James - **1436 MT-PM**, 980 MT-PM

Bishop, Sonia - **567 WTh-AM**

Bisiacchi, Patrizia - 121 MT-AM, 293 MT-AM

Biswal, Bharat - 1267 MT-AM, 1023 MT-AM

Biswal, Bharat B - 1196 MT-PM, 1159 MT-AM, 427 MT-AM, 1397 WTh-AM, 997 MT-AM

Bitan, Tali - 1050 MT-PM, 1116 WTh-PM

Bitter, T - 1548 WTh-PM

Biundo, Roberta - **731 WTh-AM**

Bizzi, Alberto - **1534 MT-PM**

Björnsdóttir, Malin - **1263 WTh-AM**, 1457 MT-AM

Black, Chelsea - **670 WTh-PM**

Black, Maureen - 287 WTh-AM

Black, Sandra - 310 WTh-PM, 877 MT-AM

Blackburn, Marianna - **642 MT-PM**

Blackburne, Liwei - **1557 MT-AM**

Blair, Kristen - 289 MT-AM, **290 MT-PM**

Blamire, Andrew - 323 WTh-AM

Blanch, Josep - 990 MT-PM

Blanchard, Solenna - 1215 WTh-AM

Blanche, Tim - 784 MT-PM

Blanchette, Isabelle - 665 MT-AM

Blanco, Laura - 415 MT-AM

Blangero, John - 700 WTh-PM, 701 WTh-AM, 705 WTh-AM, 706 WTh-PM, 718 WTh-PM, 734 WTh-PM, 739 WTh-AM, 741 WTh-AM

Blanke, Olaf - 1443 MT-AM, 1551 WTh-AM, 1574 WTh-PM, 159 MT-AM, 201 MT-AM, 1586 WTh-PM

Blankenburg, Felix - 1192 WTh-AM

Blankertz, Benjamin - 1407 WTh-AM, 231 MT-AM

Blanton, Rebecca - **1448 WTh-PM**

Blasco, Gerard - 1446 WTh-PM

Blasi, Anna - **1228 WTh-PM**, 1431 WTh-AM, 838 MT-PM

Blasi, Giuseppe - 586 MT-PM, 955 MT-AM, 960 MT-PM

Blau, Vera - 302 MT-PM, 473 WTh-AM

Blautzik, Janusch - **1222 WTh-PM**, 1285 MT-AM, 46 MT-PM

Bleichert, Jens - 479 WTh-AM, 504 WTh-PM

Blecker, Carlo - 1409 MT-AM

Blin, Olivier - 547 MT-AM

Blinkenberg, Morten - 1267 MT-AM

Blockley, Nicholas - 1272 MT-PM

Blokland, Gabriëlla - **729 WTh-AM**

Blom, Jan Dirk - 549 MT-AM

Blomert, Leo - 473 WTh-AM

Blood, Anne - 294 WTh-PM

Bloomfield, Aaron - 1195 MT-AM

Bloss, Cinnamon - 565 MT-AM

Bluhm, Robyn - 354 MT-PM

Blumberg, Mark - 100 MT-PM

Blumenfeld-Katzir, Tamar - **197 WTh-AM**, **358 WTh-PM**, **900 MT-PM**, 905 MT-AM

Bo, Yuan - 538 WTh-PM, 645 MT-AM

Boada, Mercè - 149 MT-AM

Boas, David - 1399 MT-AM, 1440 MT-PM

Bobes, María - 1095 MT-AM, 1557 WTh-AM, 608 WTh-PM, 624 WTh-PM, **630 WTh-PM**

Bobes-Leon, Antonieta - 848 WTh-PM

Boccardi, Marina - 325 WTh-AM, **498 MT-PM**, **708 MT-PM**

Bochdanovits, Zoltán - 719 WTh-AM

Bock, Elizabeth - **1016 WTh-PM**

Bockholt, H. - 527 MT-AM

Bodammer, Nils - 165 WTh-AM

Boddaert, Nathalie - 402 WTh-PM

Bodden, Maren - **743 MT-AM**, 744 MT-PM

Bodurka, Jerzy - 586 WTh-PM, 686 WTh-PM

Boecker, Henning - 1412 MT-PM, 449 MT-AM

Boegle, Rainer - 1500 MT-PM

Boelte, Sven - 723 MT-AM
Boer, Vincent - 840 MT-PM
Boers, Frank - 61 WTh-AM, 631 WTh-AM
Boersma, Maria - 1236 WTh-PM
Bogacz, Rafal - 512 WTh-PM
Bogdan, Draganski - 479 MT-AM
Bogdanovic, Rajna - 497 WTh-AM
Bogerts, Bernhard - 1397 WTh-AM, 400 MT-PM, 427 MT-AM, 605 WTh-AM, 643 WTh-AM, 810 WTh-PM
Bogorodzki, Piotr - 384 MT-PM, 116 MT-PM, 1258 MT-PM, 982 WTh-PM
Bogovic, John - **1467 WTh-AM**, 1249 WTh-AM, 1390 WTh-PM, 1389 WTh-AM, 1391 WTh-AM
Bohanna, India - **459 MT-AM**, **460 MT-PM**, 471 MT-AM, 476 MT-PM
Bohbot, Véronique D. - 524 MT-PM
Bohlken, Marc - 297 WTh-AM, **387 WTh-AM**
Bohnen, Nicolaas - 475 MT-AM
Bohner, Georg - 1188 MT-PM
Böhringer, Andreas - **541 WTh-AM**
Bohm, Isabel - **1561 MT-AM**, 1592 MT-PM
Boileau, Isabelle - **243 WTh-AM**
Boivin, Michel - 363 MT-AM
Bojak, Ingo - 813 MT-AM
Bokde, Arun - 147 WTh-AM, **343 WTh-AM**, 569 WTh-AM, 366 MT-PM
Bolger, Donald - 215 WTh-AM
Boll, Sabrina - **621 WTh-AM**
Bolling, Danielle - 406 WTh-PM, **726 MT-PM**
Bolstad, Ingeborg - **644 MT-PM**
Bolster, Bruce - 463 WTh-AM, 465 WTh-AM
Bölte, Sven - 425 WTh-AM
Boly, Melanie - 146 MT-PM, **147 MT-AM**, 183 MT-AM, 612 MT-PM
Bonakdarpour, Borna - 1094 MT-PM
Bonelli, Silvia - 341 MT-AM
Bonet-Carne, Elisenda - 1344 WTh-PM
Bonetti, Matteo - 333 WTh-AM, 498 MT-PM
Bonfiglio, Luca - 132 MT-PM
Bong, Mimi - 559 WTh-AM, 577 WTh-AM, 756 MT-PM
Bonhomme, Vincent - 183 MT-AM
Bonilha, Leo - 242 WTh-PM
Bonino, Daniela - 1262 MT-PM, **210 MT-PM**
Bonfond, Mathilde - **259 MT-AM**
Bonnelle, Valerie - **451 WTh-AM**, 453 WTh-AM
Bonnet-Brilhaut, Frédérique - 95 WTh-AM
Bonte, M - 1274 WTh-PM
Bonte, Milene - 783 MT-AM
Bonzano, Laura - **1247 MT-AM**
Bookheimer, Susan - 1387 WTh-AM, 15 MT-AM, 374 WTh-PM, 380 WTh-PM, 389 WTh-AM, 413 WTh-AM
Boomsma, Dorret - 1365 MT-AM, 475 WTh-AM, 732 WTh-PM
Boon, Paul - 300 MT-PM
Boonstra, Tjeerd - **1164 MT-PM**, 892 WTh-PM
Boorman, Erie - **544 WTh-PM**
Boot, Walter - 1293 WTh-AM
Booth, James - 1033 WTh-AM, 1050 MT-PM, 1116 WTh-PM, 1203 WTh-AM, 1558 MT-PM, 215 WTh-AM, 224 WTh-PM, 262 MT-PM, 469 WTh-AM, 71 MT-AM, 1094 WTh-PM
Bor, Julie - 4 MT-PM
Bordier, Cécile - **1476 MT-PM**
Borghardt, Andrea - 1409 MT-AM
Borghesani, Paul - **170 WTh-PM**, 176 WTh-PM
Borghese, Alberto - 182 WTh-PM
Borgulya, Gabor - 333 MT-AM
Boris, Kotchoubey - 54 WTh-PM
Borisov, Sergey - 1391 MT-AM, **809 MT-AM**, 858 MT-PM
Born, Christine - 343 WTh-AM
Born, Jurriaan - **662 MT-PM**
Borowski, Bret J. - 840 WTh-PM, 865 WTh-AM
Borromeo, Susana - 1549 WTh-AM
Borsook, David - 1440 MT-PM, 1375 MT-AM, 1407 MT-AM, 1436 MT-PM, 980 MT-PM
Bortolotto, Marta - **62 WTh-PM**
Bos, Peter - **758 MT-PM**
Bosch, Beatriz - 347 WTh-AM, 367 WTh-AM, 368 WTh-PM, 388 WTh-PM, **846 WTh-PM**
Bosch, Peggy - 69 WTh-AM
Bosch-Bayard, Jorge - 1261 WTh-AM
Bose, Subrata - 783 WTh-AM
Bossa, Matias - **1474 WTh-PM**, **1483 WTh-AM**, **563 MT-AM**
Bossaerts, Peter - 543 WTh-AM, 551 WTh-AM, 581 WTh-AM
Bossu, Paula - 697 WTh-AM
Botanov, Yevgeny - 668 WTh-PM
Botet, Francesc - 480 WTh-PM
Botteron, Kelly - 432 MT-PM, 438 MT-PM, 769 MT-AM
Botteron, Lauren - **438 MT-PM**
Böttger, Joachim - **1188 MT-PM**, 486 MT-PM
Bottini, Gabriella - 182 WTh-PM, 471 WTh-AM
Bottino, Cássio - 436 MT-PM
Botzung, Anne - **1163 WTh-AM**
Boucard, Christine - **1472 MT-PM**
Boudrias, Marie-Hélène - **1300 MT-PM**
Bouet, Romain - **332 MT-PM**
BOUGEROL, Thierry - 742 MT-PM
Bouix, Sylvain - 559 MT-AM
Boulanger, Yvan - 1380 MT-PM
Boulanouar, Abdel-kader - **1189 MT-AM**
Boulenger, Véronique - 1041 WTh-AM
Bouman, Charles - 1320 WTh-PM, 457 WTh-AM
Bourisly, Ali - **1315 WTh-AM**, 612 WTh-PM
Bourry, Daniel - 1432 WTh-PM
Bours, Vincent - 1226 WTh-PM
Boutellier, Urs - 1411 MT-AM
Bouvard, Sandrine - 786 MT-PM
Bouyssi-Kobar, Marine - 1352 WTh-PM
Bove, Marco - 1247 MT-AM
Boveroux, Pierre - 146 MT-PM, 147 MT-AM, 183 MT-AM, 612 MT-PM
Bower, James - 1521 WTh-AM
Bowtell, Richard - 1331 WTh-AM, 1332 WTh-PM, 1444 MT-PM, 1454 MT-PM, 985 WTh-AM
Bowyer, Susan - 1569 MT-AM, 120 MT-PM
Boyd, Stuart - 1575 WTh-AM
Boyer, Patrice - 524 MT-PM
Boytsova, Julia - 591 WTh-AM, **46 WTh-PM**
Bozic, Mirjana - 803 MT-AM
Bozzacchi, Chiara - **1303 MT-AM**
Bracci, Stefania - 150 MT-PM
Bradley-Davino, Bekh - 377 MT-AM
Braet, Wouter - **1552 MT-PM**
Bragulat, Veronique - 266 WTh-PM
Brain Development Cooperative Group, The - 792 WTh-PM
Bramati, Ivanei - **1367 WTh-AM**, 716 MT-PM
Bramen, Jennifer - 1150 MT-PM
Brammer, Mick - 1228 WTh-PM, 1265 WTh-AM, 1276 WTh-PM, 1277 WTh-AM, 217 WTh-AM, 470 WTh-PM, 586 WTh-PM, 676 MT-PM, 724 MT-PM, 838 MT-PM
Bramon, Elvira - 500 MT-PM
Brandeis, Daniel - 473 WTh-AM, 853 MT-AM, 929 MT-AM
Brandner, Catherine - 488 WTh-PM, 493 WTh-AM
Brandt, Christine Lycke - **957 MT-AM**
Brandt, Matthias - 757 MT-AM
Brar, Jasmit - 427 WTh-AM, 978 WTh-PM
Brassen, Stefanie - **186 WTh-PM**
Braun, Christoph - 425 WTh-AM, 850 WTh-PM
BRAUN, Marc - 767 WTh-AM
Braun, Mario - **1589 MT-AM**
Braun, Urs - 23 WTh-AM, **547 WTh-AM**, 654 WTh-PM
Braus, Dieter - 1401 WTh-AM, 246 WTh-PM, 249 WTh-AM
Braver, Todd - 512 MT-PM, 68 MT-PM
Brawanski, Alexander - 313 MT-AM
Bray, Signe - **474 WTh-PM**, 831 MT-AM
Brazdil, Milan - 1325 WTh-AM, **214 MT-PM**, 305 MT-AM, 70 WTh-PM, 808 MT-PM, 895 WTh-AM, 972 MT-PM
Breakspear, Michael - 1164 MT-PM, 1233 WTh-AM, 90 MT-PM, 892 WTh-PM
Brechmann, André - 144 MT-PM, 1560 WTh-PM, 42 WTh-PM, 717 MT-AM, 728 MT-PM, 897 MT-AM, **1157 WTh-AM**, 189 MT-AM
Breckel, Thomas - 52 MT-PM
Breeden, Andrew - 978 WTh-PM
Breedlove, Evan - 457 WTh-AM
Breitenstein, Caterina - 146 WTh-PM
Breiter, Hans - 1163 MT-AM, 294 WTh-PM, 941 WTh-AM
Brem, Silvia - 929 MT-AM, 473 WTh-AM
Breman, Hester - **1323 WTh-AM**
Brennan, Christine - **1558 MT-PM**
Brennan, David - 1423 WTh-AM
Brennan, Paul - 333 MT-AM
Brentari, Valentina - 1171 WTh-AM
Bresciani, Jean-Pierre - 1259 MT-AM
Brett, Matthew - 1030 MT-PM, 851 WTh-AM
Brey, Robin - 386 WTh-PM
Breznitz, Zvia - 1114 WTh-PM, 1556 MT-PM, 1562 MT-PM, 1567 MT-AM, 43 MT-AM, 964 MT-PM
Brichant, Jean-Francois - 146 MT-PM, 147 MT-AM
Brieber, Sarah - **1189 WTh-AM**
Briganti, Chiara - 335 MT-AM, **1052 MT-PM**
Briley, Paul - **1528 WTh-PM**, 898 WTh-PM
Brinkmeyer, Juergen - 1174 MT-PM, **1420 MT-PM**, 17 WTh-AM, **634 WTh-PM**, 709 WTh-AM
Brinkmeyer, Jürgen - 64 MT-PM
Britz, Juliane - 206 WTh-PM
Brochier, Thomas - 1405 WTh-AM
Brock, Dylan - 286 WTh-PM
Brock, Guy - 1272 WTh-PM
Brock, Jon - **1066 WTh-PM**
Brocke, Burkhard - 8 MT-PM
Brodaty, Henry - 155 WTh-AM, 302 WTh-PM, 304 WTh-PM, 357 WTh-AM
Brodbeck, Verena - 317 MT-AM
Brodersen, Kay Henning - **1260 WTh-PM**, **1414 MT-PM**
Brody, Arthur - 1150 MT-PM
Broggi, Giovanni - 1534 MT-PM
Brookes, Matthew - 993 MT-AM, 1450 MT-PM, 1005 WTh-AM
Brooks, Dana - 922 WTh-PM
Brooks, Jonathan - 1153 MT-AM, 1402 WTh-PM
Brosch, Shirley - 1485 MT-AM
Brosnan, Mark - 554 WTh-PM
Brotchie, Peter - 807 WTh-AM
Brouwer, Rachel - 1382 WTh-PM, 732 WTh-PM, **1365 MT-AM**
Browaeyes, Patrick - 141 WTh-AM
Brown, Ariel - **483 WTh-AM**
Brown, Christopher - **1417 MT-AM**, 1418 MT-PM
Brown, Felicity - 34 MT-PM
Brown, Greg - 1207 MT-AM, 1318 WTh-PM
Brown, Gregory - 348 MT-PM
Brown, Jesse - 380 WTh-PM, **389 WTh-AM**
Brown, Kevin - **814 MT-PM**
Brown, Mark - 423 WTh-AM, 860 MT-PM, 1488 WTh-PM, 377 WTh-AM, 382 WTh-PM
Brown, Peter - 456 MT-PM
Brown, Richard - 1447 MT-AM, 1455 MT-AM
Brown, Robert - 1336 MT-PM
Brown, Scott - 123 MT-AM, 512 WTh-PM
Brown, Tanya - 1132 WTh-PM
Brown, Truman - 1234 WTh-PM, 880 MT-PM
Brown, Verity - 400 WTh-PM, 715 WTh-AM
Brown, Warren - 537 WTh-AM
Browning, Elizabeth - 9 MT-AM
Brücke, Christof - 20 MT-PM
Bruegger, Michael - 1278 MT-PM, **1456 MT-PM**

- Bruen, Peita - 1476 WTh-PM, **1478 WTh-PM**
 Brugge, John F. - 1072 WTh-PM
 Brügger, Michael - 1411 MT-AM, 1419 MT-AM
 Bruguère, Pascale - 393 MT-AM
 Brühl, Annette - 374 MT-PM
 Brumby, Steven - 1507 MT-AM
 Brun, Caroline - 441 WTh-AM, 716 WTh-PM, 796 WTh-PM, 824 WTh-PM, **798 WTh-PM, 746 WTh-PM**
 Bruneau, Emile - 773 MT-AM
 Bruneau, Nicole - 95 WTh-AM
 Brunecker, Peter - 621 MT-AM
 Brunelle, Francis - 402 WTh-PM
 Bruno, Jennifer - **122 MT-PM**
 Bruno, Marie-Aurelie - 146 MT-PM, 147 MT-AM, 183 MT-AM, 448 WTh-PM, 449 WTh-AM, **612 MT-PM**
 Brusniak, Wencke - 1477 WTh-AM, **1533 MT-AM**
 Bruss, Joel - 1057 MT-AM
 Bruzzone, Lorenzo - 1288 WTh-PM
 Bryant, Richard - 379 MT-AM
 Brysbaert, Marc - 1039 MT-AM
 Brzezina, Lukas - 1288 MT-PM
 Bubic, Andreja - 117 WTh-AM
 Bucci, Monica - **599 MT-AM**, 874 WTh-PM
 Buch, Ethan - 1281 MT-AM, 29 MT-AM, 41 MT-AM, 903 MT-AM
 Büchel, Christian - 1130 WTh-PM, 1579 WTh-AM, 186 WTh-PM, 249 WTh-AM, 371 MT-AM, 515 WTh-AM, 584 WTh-PM, 621 WTh-AM, 647 MT-AM, 648 WTh-PM
 Bucher, Kerstin - 473 WTh-AM, 929 MT-AM
 Buchheim, Anna - 695 WTh-AM
 Buchholz, Brittany - 301 WTh-AM
 Buchholz, Hans-Georg - 661 MT-AM
 Büchler, Roman - 1419 MT-AM
 Buchmann, Julia - **1397 WTh-AM**, 427 MT-AM
 Buchmann, Julia Elise - 400 MT-PM, 605 WTh-AM, 643 WTh-AM
 Buchpiguel, Carlos - 1381 MT-AM
 Buchsbaum, Bradley - 406 MT-PM, **988 WTh-PM**
 Buchsbaum, Monte - **406 MT-PM**, 570 MT-PM, **571 MT-AM**
 Buchthal, Steven - 860 MT-PM
 Buchweitz, Augusto - **1059 WTh-AM**
 Buckholtz, Joshua - 520 WTh-PM
 Buckle, Chris - **1441 MT-AM**
 Buckley, Erin - 14 WTh-PM, 605 MT-AM, **823 MT-AM**, 837 MT-AM, 844 MT-PM
 Buckner, Randy L. - 1016 MT-PM, 1363 MT-AM, 376 WTh-PM, 384 WTh-PM
 Buclin, Thierry - 84 MT-PM
 Buda, Marie - 1176 WTh-PM
 Budisavljevic, Sanja - **432 WTh-PM**
 Buecher, Boris J. - 687 MT-AM
 Bueller, Joshua - 233 MT-AM, 430 MT-PM, 614 WTh-PM
 Buelthoff, Heinrich - 194 MT-PM
 Bufalari, Ilaria - 1584 WTh-PM
 Bufalari, Simona - 792 MT-PM
 Buffo, Paola - **893 WTh-AM**
 Bugaez, Junina - 1305 MT-AM
 Bühler, Mira - 249 WTh-AM, 277 WTh-AM, **256 WTh-PM**
 Buhmann, Joachim - 1260 WTh-PM
 Buiatti, Marco - 812 MT-PM
 Buitelaar, Jan - 1056 WTh-PM, 721 WTh-AM, 730 WTh-PM
 Bulbena, Antoni - 632 MT-PM, 533 MT-AM, 909 MT-AM
 Bull, Neva - 1392 MT-PM
 Bullard, Lauren - **9 MT-AM**
 Bullmore, Ed - 1161 MT-AM, 538 MT-PM, 988 MT-PM, 1346 MT-PM, 780 WTh-PM
 Bullmore, Edward - 503 MT-AM, 974 MT-PM, 1390 MT-PM
 Bülthoff, Heinrich - 1259 MT-AM
 Bundo, Masahiko - 1030 WTh-PM, **1074 WTh-PM**, 369 WTh-AM, 379 WTh-AM
 Bunge, Silvia - 207 WTh-AM, 231 WTh-AM, 251 MT-AM
 Buonocore, Anna - 1546 WTh-PM
 Buracas, Giedrius - **145 WTh-AM**
 Burack, Joshua - 861 MT-AM, 865 MT-AM
 Burchert, Sebastian - 636 WTh-PM
 Burdette, Jonathan - 174 WTh-PM, 992 MT-PM
 Burgaleta, Miguel - **72 MT-PM**
 Burgess, Neil - 1144 WTh-PM
 Burgess, Paul - 540 WTh-PM
 Burgess, Richard - 1040 MT-PM
 Burggren, Alison - **374 WTh-PM**, 380 WTh-PM, 389 WTh-AM
 Burianova', Hana - 184 MT-PM
 Burmeister, H - 1548 WTh-PM
 Burmeister, Margit - 291 WTh-AM
 Burnet, Richard - 765 WTh-AM
 Burns, Christopher - 819 MT-AM
 Burns, Thomas - 1170 MT-PM, 1336 MT-PM
 Burra, Nicolas - 128 MT-PM
 Burstein, Rami - 1375 MT-AM
 Burunat, Enrique - 1236 MT-PM, 131 MT-AM, 1572 WTh-PM, 247 MT-AM, 825 MT-AM
 Burzyska, Agnieszka - **778 MT-PM**
 Busatto, Geraldo - 1381 MT-AM, 436 MT-PM
 Buselmeier, Moritz - 164 WTh-PM
 Bushnell, M. Catherine - 1429 MT-AM, 1458 MT-PM, 430 MT-PM
 Buss, Joan - 463 WTh-AM, 465 WTh-AM
 Busse, Franziska - 1328 MT-PM, 245 WTh-AM
 Bustamante, Juan Carlos - **278 WTh-PM**, 314 MT-PM, 659 WTh-AM, **761 MT-AM**, 579 WTh-AM
 Bustillo, Juan - 527 MT-AM
 Butera, Luigi - 663 MT-AM
 Butler, Andrew - 622 MT-PM
 Butson, Christopher - 1354 WTh-PM, 1468 MT-PM, **23 MT-AM**
 Butts, Alissa - 390 WTh-PM
 Byl, Nancy - 484 MT-PM, 914 MT-PM
 Byrd, Amy - 290 WTh-PM
 Bystritsky, Alexander - 13 MT-AM, 15 MT-AM
 Byun, Woo Mok - 1347 MT-AM
 Bzdok, Danilo - **712 MT-PM**
 Bærentsen, Klaus - **99 MT-AM**
- C**
 C, Schmidt - 1117 WTh-AM
 C., Urbain - **1117 WTh-AM**
 C. Clemente, Imma - 5 MT-AM
 Caballero Gaudes, Cesar - **1351 WTh-AM**
 Cabay, Jean-Evrard - 1538 WTh-PM
 Cabeen, Ryan - 1379 WTh-AM, 794 MT-PM
 Cabeza, Roberto - 1147 WTh-AM, 188 WTh-PM
 Cabral, Joana - **1185 MT-AM**
 Cacciaglia, Raffaele - **367 MT-AM**
 Caceda, Ricardo - **750 MT-PM**
 Cáceres, Cynthia - 607 MT-AM, 614 MT-PM, 781 WTh-AM
 Cachia, Arnaud - 1475 WTh-AM
 Caeyenberghs, Karen - **1319 MT-AM**, 437 WTh-AM
 Caforio, Grazia - 960 MT-PM
 Cai, DongSheng - 854 MT-PM
 Cai, Qing - **1039 MT-AM**
 Cai, Weidong - **109 MT-AM, 76 MT-PM**
 Cajochen, Christian - 44 MT-PM
 Calabrese, Massimiliano - 1381 WTh-AM, 845 WTh-AM
 Calabresi, Peter - 1361 WTh-AM, 1390 WTh-PM, 1489 WTh-AM
 Calacouris, Samantha - 1066 WTh-PM
 Caldara, Roberto - 1512 MT-PM, **207 MT-AM**, 99 WTh-AM
 Calder, Andrew - 1478 MT-PM, 535 WTh-AM, 609 WTh-AM
 Calderero, Felipe - 1145 MT-AM
 Caldú, Xavier - 614 MT-PM
 Calhoun, Vince - 1093 MT-AM, 1142 MT-PM, 567 MT-AM
 Calhoun, Vince D. - 439 WTh-AM, 806 MT-PM, 972 MT-PM
 Calhoun, Vincent - 1007 MT-AM, 1098 MT-PM, 1101 MT-AM, 1223 WTh-AM, 401 WTh-AM, 511 MT-AM, 527 MT-AM, 896 MT-PM
 Callaert, Dorothee - **1434 WTh-PM**
 Callan, Akiko - 1275 MT-AM, **130 MT-PM**
 Callan, Daniel - 130 MT-PM, **1275 MT-AM**
 Callegaro, Dagoberto - 1177 WTh-AM, 1378 MT-PM
 Callejas, Alicia - **135 WTh-AM**
 Callicott, Joseph - 1250 WTh-PM, 531 MT-AM, 557 MT-AM, 733 WTh-AM, 934 MT-PM
 Callot, Virginie - 883 MT-AM
 Calmels, Claire - **923 MT-AM**
 CALMON, Guillaume - 767 WTh-AM
 Calopa, Matilde - 474 MT-PM
 Caltagirone, Carlo - 325 WTh-AM, 943 MT-AM
 Caltagirone, Carlos - 697 WTh-AM
 Calvar, Jorge - 408 WTh-PM
 Calvert, Gemma - 554 WTh-PM, **724 MT-PM**
 Camara, Estela - **653 MT-AM**, 1095 WTh-AM
 Camerer, Colin - 545 WTh-AM
 Camille, Chatelle - 448 WTh-PM
 Cammoun, Leila - 1366 MT-PM, 1493 WTh-AM, 503 WTh-AM, 862 WTh-PM
 Campanella, Daniela - 359 MT-AM
 Campanella, Salvatore - 1558 WTh-PM, 412 MT-PM
 Campbell, Karen - **161 WTh-AM**
 Campbell, Thomas - 1488 WTh-PM, 860 MT-PM, 377 WTh-AM, 382 WTh-PM
 Campbell, William - 147 WTh-AM
 Campdelacreu, Jaume - 474 MT-PM
 Campe, Christin - 1153 WTh-AM
 Campi, Cristina - **1000 WTh-PM**, 1001 WTh-AM
 Campo, Pablo - 928 MT-PM
 Campos, Manuel - 987 WTh-AM
 Camposano, Susana - 334 MT-PM
 Canales-Rodríguez, Erick - 548 MT-PM
 Canales-Rodríguez, Erick Jorge - **812 WTh-PM**
 Canapicchi, Raffaello - 1546 WTh-PM, 324 MT-PM
 Canet-Soulas, Emmanuelle - 786 MT-PM
 Cannatà, Vittorio - 792 MT-PM
 Cannistraci, Christopher - 76 MT-PM
 Cannon, Tyrone - 1177 MT-AM, 1382 WTh-PM, 47 MT-AM, 584 MT-PM, 933 MT-AM
 Canova, Carlos - 658 MT-PM
 Cantero, Jose Luis - 1043 MT-AM
 Canu, Elisa - 321 WTh-AM, **333 WTh-AM**
 Cao, Fan - 1558 MT-PM
 Capdevila, Antoni - 548 MT-PM
 Capilla, Almudena - **131 WTh-AM**
 Caplan, Jeremy - 1311 MT-AM
 Cappa, Stefano - 1185 WTh-AM, 179 MT-AM
 Caprihan, Arvind - 1007 MT-AM, 527 MT-AM
 Caputo, Domenico - 926 WTh-PM
 Carass, Aaron - 1086 MT-PM, 1249 WTh-AM, 807 MT-AM, 1389 WTh-AM, 1391 WTh-AM
 Carballedo, Angela - **366 MT-PM**, 407 MT-AM
 Carboncini, Maria Chiara - 132 MT-PM
 Carbonell, Felix - **975 MT-AM**
 Cárdenas-Morales, Lizbeth - **5 WTh-AM**
 Cardin, Velia - **1479 MT-AM**
 Cardoner, Narcis - 380 MT-PM, 401 MT-AM, **414 MT-PM**, 415 MT-AM, 428 WTh-PM
 Cardoso, Ellison - 1205 MT-AM, 986 WTh-PM
 Carew, John - 1066 MT-PM
 Carey, Leeanne - 1298 MT-PM, 606 MT-PM, **610 MT-PM**
 Caria, Andrea - 1257 MT-AM, **1580 MT-PM**, 419 WTh-AM, 856 MT-PM
 Carl, Petra - 613 WTh-AM
 Carless, Melanie - 739 WTh-AM
 Carlson, Chad - 947 MT-AM, 1534 WTh-PM, 311 MT-AM, 100 MT-PM
 Carlson, Jean - 814 MT-PM, 855 WTh-AM

Carlson, Synnove - 982 MT-PM
 Carlson, Thomas - **1513 MT-AM**
 Carmant, Lionel - 1498 MT-PM, 339 MT-AM
 Carmasin, Jeremy - 169 WTh-AM, 384 WTh-PM
 Carmichael, David - 325 MT-AM, **805 MT-AM**,
 963 WTh-AM
 Carmichael, Owen - 318 WTh-PM
 Carmona, Susanna - 533 MT-AM, **632 MT-PM**, 909 MT-AM
 Carni, Marco - **792 MT-PM**
 Caroppo, Paola - 888 MT-PM
 Carozzo, Simone - 132 MT-PM
 Carpenter, T - 450 WTh-PM
 Carr, Vaughan - 490 MT-PM, 491 MT-AM, 573 MT-AM
 Carrasco, Melisa - 1171 MT-AM
 Carreiras, Manuel - 1553 MT-AM, 1412 WTh-PM
 Carrier, Julie - 1109 WTh-AM, 1138 WTh-PM
 Carroll, Kathleen - 296 WTh-PM, 684 MT-PM
 Carron, Sarah-Pia - 460 MT-PM, 471 MT-AM, 476 MT-PM
 Carter, Alexandre - **1377 MT-AM**
 Carter, Cameron - 493 MT-AM, **506 MT-PM**, 538 MT-PM
 Carter, Olivia - 918 MT-PM
 Carter, R - 648 MT-PM
 Carter, Ronald - 555 WTh-AM
 Carter, Stephen - 1335 MT-AM
 Carvalho, Fabiana - 158 MT-PM
 Carver, Frederick - 66 WTh-PM
 Casado, Pilar - 1028 WTh-PM, 1038 WTh-PM, 1039
 WTh-AM
 CASADO, PILAR - **1079 WTh-AM**
 Casanova-Molla, Jordi - 1423 MT-AM
 Casarotto, Silvia - 147 MT-AM, 7 WTh-AM
 Case, Laura - 393 WTh-AM
 Caseras, Xavier - **372 MT-PM**
 Casey, BJ - 225 WTh-AM, 766 MT-PM
 Cash, Sydney - 1534 WTh-PM, 1591 MT-AM
 Caspers, Julian - **1429 WTh-AM**
 Caspers, Svenja - **991 WTh-AM**
 Caspi, Dan - 1119 WTh-AM
 Cassidy, Ben - 1201 MT-AM
 Cassidy, Ryan - 1242 WTh-PM
 Castelhana, João - 165 MT-AM, **177 MT-AM**
 Castellano, Gabriela - 327 MT-AM
 Castellano, Giancarlo - 888 MT-PM
 Castellanos, F. Xavier - 1192 MT-PM, 416 WTh-PM, 1159
 MT-AM, 1194 MT-PM, 1195 MT-AM, 1199 MT-AM, 234
 WTh-PM, 286 WTh-PM, 426 WTh-PM, 502 WTh-PM,
 985 MT-AM, **1196 MT-PM**
 Castellanos, Lucia - 431 MT-AM
 CASTELLANOS, LUIS - 1079 WTh-AM
 Castellanos, Xavier - 1586 MT-PM
 Castelli, Loris - 888 MT-PM
 Castelo-Branco, Miguel - 1115 WTh-AM, 1309 WTh-AM,
139 WTh-AM, 1509 MT-AM, 165 MT-AM, 177 MT-AM,
 489 WTh-AM, 679 WTh-AM
 Castiello, Umberto - 10 WTh-PM
 Castillo, Carlos - 1423 MT-AM
 Castonguay, Nathalie - 48 MT-PM
 Castro, Bettina - 346 MT-PM
 Castro, Carlos - 1420 WTh-PM, 867 MT-AM
 castro, Luiz Henrique - 346 MT-PM
 Castro-Fornieles, Josefina - 1083 MT-AM, 534 MT-PM
 Castrop, Florian - 473 MT-AM
 Catalaa, Isabelle - 782 MT-PM
 Catani, Marco - 1466 WTh-PM, 1469 WTh-AM, 1496 WTh-
 PM, 432 WTh-PM, 765 MT-AM
 Cate, Anthony - 1535 WTh-AM
 Cath, Danielle - 352 MT-PM
 Catheline, Gwenaelle - **1447 WTh-AM**
 Caticha, Nestor - 1195 WTh-AM
 Catroppa, Cathy - 440 WTh-PM
 Cattaneo, Luigi - **12 WTh-PM**, 68 MT-PM
 Cattaneo, Zaira - 22 WTh-PM
 Cattinelli, Isabella - 182 WTh-PM
 Cauda, Franco - **1167 MT-AM**, 263 MT-AM, 63 MT-AM,
 888 MT-PM
 Cauda, Simona - 888 MT-PM
 Caulo, Massimo - 1052 MT-PM, 335 MT-AM, 965 WTh-
 AM, 970 WTh-PM
 Cavalleri, Gianpiero - 333 MT-AM
 Cavallo, Andrea - **10 WTh-PM**
 Cavanagh, James - **58 MT-PM**
 Cavedo, Enrica - **325 WTh-AM**, 498 MT-PM, 708 MT-PM
 Caverzasi, Eduardo - 381 WTh-AM
 Cavina-Pratesi, Cristiana - **150 MT-PM**
 Cavusoglu, Mustafa - 850 WTh-PM, **879 MT-AM**
 Ceccarelli, Riccardo - 1384 WTh-PM
 Cecchi, Guillermo - **1271 WTh-AM**, 1286 WTh-PM, 1031
 MT-AM, 158 MT-PM
 Ceko, Marta - **1458 MT-PM**
 Celsis, Pierre - 1189 MT-AM, 782 MT-PM, 805 WTh-AM,
 803 WTh-AM
 Cendes, Fernando - 1532 MT-PM, 327 MT-AM
 Centeno Soladana, Maria - **347 MT-AM**
 Cera, Nicoletta - **697 MT-AM**
 Cerf, Moran - 152 MT-PM
 Cerf-Ducastel, Barbara - 691 MT-AM
 Cerini, Roberto - 1117 MT-AM
 Ceroveckí, Anja - 57 MT-AM
 Cerullo, Micheal - 928 WTh-PM
 Cervellione, Kelly - 771 WTh-AM
 Cervenka, Simon - 1113 WTh-AM
 Cervera, Juan Luis - 820 WTh-PM
 Ceyhan, Elvan - 1392 WTh-PM, 578 MT-PM
 Cha, Jungho - **366 WTh-PM**
 CHAÄRI, Lotfi - **942 WTh-PM**
 Chabane, Nadia - 402 WTh-PM
 Chaddock, Christopher - 564 MT-PM
 Chadick, James - **134 WTh-PM**, 15 WTh-AM
 Chae, Younbyoung - **464 MT-PM**
 Chai, Xiaoqian - **293 WTh-AM**, 268 WTh-PM
 Chakirova, Goultchira - **400 WTh-PM**, **715 WTh-AM**
 Chakraborty, Anya - 1540 MT-PM
 Chakravarty, M. Mallar - 787 MT-AM
 Chakroff, Aleksandr - **767 MT-AM**
 chalavi, sima - **757 WTh-AM**, **973 WTh-AM**
 Chalfin, Molly - **1096 MT-PM**
 Chambers, Chris - 101 WTh-AM, 107 WTh-AM,
 134 MT-PM, 45 WTh-AM, 97 MT-AM
 Chambres, Patrick - 22 MT-PM
 Chammat, Mariam - **669 WTh-AM**
 Chan, Annie - 1553 WTh-AM
 Chan, Chetwyn C. H. - 187 MT-AM, 755 MT-AM,
 190 MT-PM
 Chan, Sam Chi Chung - **187 MT-AM**
 Chandramohan, Dharshan - 790 WTh-PM
 Chandrasekaran, Bharath - **1530 WTh-PM**
 Chang, Acer - 275 MT-AM
 Chang, Catie - **1306 WTh-PM**
 Chang, Erik C. - 901 WTh-AM
 Chang, Frank - 1294 WTh-PM
 Chang, Hui-Chuan - **1526 MT-PM**
 Chang, Jong Hee - 793 MT-AM
 Chang, Lin-Ching - 857 WTh-AM
 Chang, Wei-Hsu - **766 WTh-PM**
 Chang, Wei-Tang - **1200 MT-PM**, 810 MT-PM
 Chang, Won Hyuk - **29 WTh-AM**, **862 MT-PM**
 Chang, Yu-Teng - **1385 WTh-AM**
 Chao, Yi-Ping - 1070 MT-PM, 1480 MT-PM
 Chappell, Michael - **958 WTh-PM**
 Chapuis, Dominique - 201 MT-AM
 Charbonneau, Geneviève - 1585 WTh-AM
 Charest, Ian - **211 MT-AM**, 603 WTh-AM, 961 WTh-AM
 Charlesworth, Jac - 739 WTh-AM
 Chassy, Philippe - **282 MT-PM**, **284 MT-PM**
 Chatelle, Camille - 449 WTh-AM, 612 MT-PM
 Chaudhary, Simone - 877 MT-AM
 Chaudhary, Umair - **1240 WTh-PM**, 963 WTh-AM
 Chaudhry, Shereen - 1188 MT-PM, 1198 MT-PM, **486**
MT-PM, **624 MT-PM**, 691 WTh-AM
 Chaumon, Maximilien - **677 WTh-AM**
 Chauveau, Nicolas - 805 WTh-AM, 803 WTh-AM
 Chauvel, Patrick - 328 MT-PM, 331 MT-AM
 CHAYS, André - 767 WTh-AM
 Che, Huijie - 323 MT-AM
 Chebat, Daniel-Robert - **898 MT-PM**
 Chechko, Natascha - **595 WTh-AM**
 Chechlacz, Magdalena - **82 WTh-PM**
 Chee, Michael - 1002 MT-PM, 109 WTh-AM, 166 WTh-PM,
 81 WTh-AM, **86 WTh-PM**
 Cheeseman, Jane - 371 WTh-AM
 Chefer, Svetlana - 866 MT-PM
 Chen, Andrew CN - 40 WTh-PM
 Chen, Anthony - **934 MT-PM**
 Chen, Ashley - 270 WTh-PM
 Chen, Bin - **1055 MT-AM**
 Chen, CC - **1204 WTh-PM**
 Chen, Chenyi - **732 MT-PM**
 Chen, Chuansheng - 1583 MT-AM
 Chen, Chuihui - 1359 MT-AM
 Chen, Chung-Ming - 1339 MT-AM
 Chen, David - **190 WTh-PM**
 Chen, Duyun - 1389 WTh-AM, 1391 WTh-AM
 Chen, Gang - **1203 MT-AM**, 433 MT-AM, 737 WTh-AM,
 351 WTh-AM
 Chen, Haiming - 1072 WTh-PM
 Chen, Hung-Chieh - 1451 WTh-AM
 Chen, I-Yun - 1445 WTh-AM, 696 MT-PM, 403 WTh-AM,
 1455 WTh-AM, **382 MT-PM**, 766 WTh-PM
 Chen, Jacqueline - 768 WTh-PM
 Chen, Janice - 234 MT-PM
 Chen, Jean - **868 MT-PM**, **999 MT-AM**
 Chen, Jen Kai - 1327 MT-AM, 433 WTh-AM, 387 WTh-AM,
 297 WTh-AM
 Chen, Jian - 1124 WTh-PM, 915 MT-AM
 Chen, Jian-Shiun - **1455 WTh-AM**
 Chen, Jingyun - **791 MT-AM**
 Chen, Joyce - **1112 WTh-PM**
 Chen, Jyh-Horng - 111 MT-AM, 1123 MT-AM, 1297
 WTh-AM, 144 WTh-PM, 1459 MT-AM, 1154 MT-PM
 Chen, Kelly - 1110 MT-PM, 474 WTh-PM
 Chen, Lei - 732 WTh-PM
 Chen, Li-Fen - **1011 WTh-AM**, 1434 MT-PM, **31 WTh-AM**
 Chen, Min - **1086 MT-PM**, 1390 WTh-PM, **807 MT-AM**,
 1389 WTh-AM, 1391 WTh-AM
 Chen, Pin-Yu - 526 MT-PM
 Chen, Qi - **112 WTh-PM**, 114 WTh-PM
 Chen, Qiang - 531 MT-AM, 733 WTh-AM, 934 MT-PM,
 557 MT-AM
 Chen, S.H. Annabel - 151 WTh-AM, 1579 MT-AM, 177
 WTh-AM, 179 WTh-AM, 526 MT-PM
 Chen, Sharon - 919 WTh-AM
 Chen, Shing-Jen - 205 WTh-AM
 Chen, Tianwen - **1303 WTh-AM**, 1105 MT-AM
 Chen, Vanessa - 109 WTh-AM
 Chen, Wei - 1172 MT-PM, 1220 WTh-PM
 Chen, Xi - 552 WTh-PM, 866 MT-PM
 Chen, Xiaohua - **357 WTh-AM**
 Chen, Xiongying - 1284 MT-PM
 Chen, Xu - 1118 MT-PM
 chen, xueying - **645 MT-AM**, 538 WTh-PM
 Chen, Yin-Ching - 1505 WTh-AM
 Chen, Yong-Sheng - 1011 WTh-AM
 CHEN, YU-HAN - **631 WTh-AM**
 Chen, Yufen - 1019 MT-AM
 Chen, Zhang - 1485 WTh-AM, 297 MT-AM
 Chen, Zhaolin - 471 MT-AM
 Chen, Andrew - **617 WTh-AM**, 600 WTh-PM
 Cheng, Elise - 115 MT-AM
 Cheng, Jian - **827 WTh-AM**, **837 WTh-AM**

Cheng, Jie-Zhi - 1339 MT-AM
Cheng, Kang - 527 WTh-AM, 705 MT-AM, 1093 WTh-AM, 526 WTh-PM
Cheng, Philip - 1264 WTh-PM
Cheng, Shih-kuen - 275 MT-AM
Cheng, Xi - 1250 WTh-PM
Cheng, Ya-Wei - 696 MT-PM, 403 WTh-AM, 766 WTh-PM, 394 WTh-PM, 615 WTh-AM, 732 MT-PM, 896 WTh-PM
Cheon, Keun-Ah - **416 WTh-PM**
Cheong, Ian - 318 MT-PM, 319 MT-AM
Cherbuin, Nicolas - 1371 WTh-AM, 1460 WTh-PM, **313 WTh-AM**, 588 MT-PM
Cherodath, Sarika - 1540 MT-PM
Cherubini, Andrea - 697 WTh-AM, 943 MT-AM
Chérelat, Gaël - 733 MT-AM
Chevillet, Mark - 1541 WTh-AM
Chevrier, Andre - 459 WTh-AM, **989 WTh-AM**
Chey, Jeanyoung - 676 WTh-PM
Cheyne, Douglas - 1017 WTh-AM, **1273 MT-AM**, 1489 MT-AM, 1537 MT-AM
Cheyne, James A. - 1273 MT-AM
Chialvo, Dante R. - 1126 MT-PM, 783 WTh-AM
Chiang, Ming-Chang - **744 WTh-PM**
Chiang, Wen-Yang - 1339 MT-AM, 839 WTh-AM
Chiarati, Patrizia - 381 WTh-AM
Chiarello, Christine - 1593 MT-AM
Chica, Ana - **172 MT-PM**
Chick, Joan - 1469 WTh-AM
Chiew, Mark - **1408 WTh-PM**
Chikazoe, Junichi - 38 MT-PM
Chincarini, Andrea - **346 WTh-PM**
Chiou, Te-Chung - **292 MT-PM**
Chiron, Catherine - 593 MT-AM
Chiu, Pearl - 587 WTh-AM, **298 WTh-PM**
Chiu, Tzai-Wen - **1072 WTh-PM**
Chladek, Jan - 214 MT-PM, 895 WTh-AM
Cho, Catherine - 577 WTh-AM
Cho, In Sul - 2 MT-PM
Cho, Kwang-Hyun - 522 MT-PM
Cho, Sang Soo - 1213 MT-AM, **19 WTh-AM**
cho, Soo Churl - 415 WTh-AM, 417 WTh-AM
Cho, Soohyun - **227 WTh-AM**
Cho, Yoon Woo - 604 MT-PM, 808 WTh-PM, 809 WTh-AM
Cho, Youngho - 1103 WTh-AM
Cho, Zang Hee - 1054 WTh-PM, 197 MT-AM, 1492 MT-PM, 416 WTh-PM, 843 WTh-AM, 951 WTh-AM
Choi, Chi Hoon - 1357 MT-AM, **1360 MT-PM**, 496 MT-PM, 515 MT-AM, 791 WTh-AM
Choi, Incheol - 729 MT-AM
Choi, Jeewook - **466 WTh-PM**, 592 WTh-PM
Choi, Jeong Woo - 888 WTh-PM
Choi, Ji-Kyung - 1505 WTh-AM, **284 WTh-PM**
Choi, Jin-Ho - 1248 MT-PM
Choi, Jung In - 557 WTh-AM, 671 MT-AM
Choi, Jung-Seok - 1357 MT-AM, **496 MT-PM**
Choi, Ki Sueng - **1376 MT-PM**, 833 WTh-AM
Choi, Kyung Mook - 625 WTh-AM
Choi, Kyung-in - 676 WTh-PM
CHOI, MIHYUN - **75 WTh-AM**
Choi, Mina - 279 WTh-AM, 557 WTh-AM
Choi, Sang Han - 1054 WTh-PM, 197 MT-AM, **1492 MT-PM**
Choi, Soo-Hee - **625 WTh-AM**
Choi, Sung Won - 657 MT-AM
Choi, Uk Su - 1054 WTh-PM, **197 MT-AM**
Choi, Yu Yong - 1472 WTh-PM
Chorbov, Vesselin - 432 MT-PM
Chou, Chia-Yi - 311 WTh-AM, 71 WTh-AM
Chou, Kun-Hsien - 1445 WTh-AM, 1451 WTh-AM, 382 MT-PM, **696 MT-PM**, 1455 WTh-AM, 403 WTh-AM, 766 WTh-PM
Chou, Tai-Li - **1094 WTh-PM**, 111 MT-AM
Chou, Yi-Yu - 1104 MT-PM, 796 WTh-PM, 798 WTh-PM, **355 WTh-AM**, 356 WTh-PM
Choudhury, Suparna - 1198 MT-PM
Chowdhury, Rasheda - **1010 WTh-PM**
Christensen, Mark - **1264 MT-PM**
Christens, Thomas - 1029 WTh-AM
Christian, LaFougère - **1484 WTh-PM**
Christine, Bauer - 695 MT-AM
Christoffels, Ingrid - 1026 MT-PM, **1538 MT-PM**
Christoph, Ruprecht - 49 MT-AM
Christopher, deCharms - 403 MT-AM
CHRISTOPOULOS, GEORGE - 587 WTh-AM, **763 MT-AM**
Chtoui, Haithem - 84 MT-PM
Chu, Changbiao - 324 WTh-PM
Chu, Chia-Yueh Carlton - **1256 WTh-PM**, **1257 WTh-AM**
Chu, King-Wai - 570 MT-PM
Chu, Woei-Chyn - 696 MT-PM
Chu, Ying-Hua - **981 MT-AM**
Chua, Hannah Faye - **518 WTh-PM**
Chua, Phyllis - 460 MT-PM, 471 MT-AM, 476 MT-PM
Chuang, Ming-Tsung - 181 MT-AM
Chudley, Albert - 463 WTh-AM, 465 WTh-AM
Chugani, Harry - 992 WTh-PM
Chui, T. Y. - 187 MT-AM
Chun, Ji Won - 517 MT-AM, 1025 MT-AM, 274 WTh-PM
Chun, Jinsoo - 797 MT-AM
Chun, Marvin - 108 WTh-PM
Chung, Chun Kee - 1268 MT-PM, 1542 WTh-PM, 186 MT-PM, 508 WTh-PM, 522 MT-PM, 63 WTh-AM, 323 MT-AM, 1136 WTh-PM
Chung, Dongil - 509 WTh-AM
Chung, Gyung-Ho - 920 MT-PM
Chung, Jun-Young - 1492 MT-PM, 189 MT-AM, 843 WTh-AM, 951 WTh-AM
Chung, Moo - **1337 MT-AM**, **1425 WTh-AM**, 1529 WTh-AM, 322 MT-PM, 415 WTh-AM, 417 WTh-AM, 485 WTh-AM
Chung, Soon-Cheol - 75 WTh-AM
Chupin, Marie - 1268 WTh-PM, 1007 WTh-AM, 1364 WTh-PM, 204 MT-PM, 338 MT-PM
Churchill, Nathan - 1135 MT-AM, **1337 WTh-AM**, **1345 WTh-AM**
Churchyard, Andrew - 459 MT-AM, 460 MT-PM, 471 MT-AM, 476 MT-PM
Ciaraffa, Francesca - 1534 MT-PM
Ciaramidaro, Angela - **723 MT-AM**
Cibelli, Giuseppe - 893 WTh-AM
Cieslik, Edna-Clarisse - 1253 MT-AM, **76 WTh-PM**, 505 MT-AM, 67 WTh-AM
Cifre, Ignacio - **1126 MT-PM**, 783 WTh-AM
Ciftci, Koray - **1054 MT-PM**
Cina, Steve - 1428 MT-PM, 41 WTh-AM
Cinciripini, Paul - 298 WTh-PM
CIUCIU, Philippe - 1194 WTh-PM, 1196 WTh-PM, **1208 MT-PM**, 937 WTh-AM, 942 WTh-PM
Ciumas, Carolina - **786 MT-PM**
Claffey, Mike - 109 MT-AM
Clahsen, Harald - 1578 MT-PM
Clair, Anne - 419 MT-AM, 468 WTh-PM
Clare, Kelly - 1586 MT-PM
Clark, Dav - 819 MT-AM
Clark, Jonathan - 1510 MT-PM
Clark, Kristi - 1369 MT-AM, 794 MT-PM, **582 MT-PM**
Clark, Luke - 1503 WTh-AM
Clark, Richard - 354 MT-PM
Clark, Vincent - 527 MT-AM, **896 MT-PM**, 9 MT-AM
Clarke, Alex - **213 MT-AM**
Clarke, David - 301 MT-AM
Clarke, Stephanie - 176 MT-PM
Clasen, Liv - 725 WTh-AM
Clayden, Jonathan - 1206 WTh-PM
Clemens, Benjamin - **91 WTh-AM**
Clement, Francis - **328 WTh-PM**
Clemente, IC - 70 MT-PM
Clemente, Immaculada - 53 WTh-AM
Clementz, Brett - 561 MT-AM, 583 MT-AM
Clerc, Maureen - 1215 WTh-AM, 889 WTh-AM
Cléry, Helen - 404 WTh-PM
Clewett, David - 1166 WTh-PM
Clithero, John - 555 WTh-AM, **648 MT-PM**
Cloostermans, Marleen - 883 WTh-AM
Clos, Mareike - 570 WTh-PM
Clouchoux, Cedric - **1352 WTh-PM**, **499 WTh-AM**, 792 WTh-PM
Clough, Peter - **1476 WTh-PM**
Clugston, April - 420 MT-PM
Coalson, Rebecca - 1517 MT-AM
Coalson, Tim - 1465 WTh-AM
Coates, Ute - 164 MT-PM
Cobia, Derin - 332 WTh-PM, **520 MT-PM**, **787 WTh-AM**
Cocchi, Luca - 1346 MT-PM, **918 MT-PM**
Cochran, Eric - 1392 WTh-PM
Cocosco, Chris - 787 MT-AM
Coeurjolly, Jean-François - 1112 MT-PM
Coffman, Brian - 896 MT-PM, 9 MT-AM
Coghill, Robert - 1431 MT-AM
Cohen, Alex - 267 WTh-AM
Cohen, Jessica - **956 MT-PM**
Cohen, Laurent - 1564 MT-PM, 1570 MT-PM, 57 WTh-AM
Cohen, Mark - 1150 MT-PM, 1308 WTh-PM, 1507 WTh-AM
Cohen, Martin - 573 MT-AM
Cohen, Mike - 210 WTh-PM
Cohen, Ronald - 1488 WTh-PM, 344 WTh-PM, 377 WTh-AM, 382 WTh-PM, 860 MT-PM
Cohen-Adad, Julien - **863 WTh-AM**, **864 WTh-PM**, 1491 WTh-AM, 872 WTh-PM
Cohn, Joseph - 1147 MT-AM
Coimbra, Alexandre - 980 MT-PM
Cointepas, Yann - 847 WTh-AM, **994 WTh-PM**
Cojan, Yann - 283 MT-AM
Colby, John - **1343 MT-AM**
Cole, David - **633 MT-AM**
Coles, Claire - 260 WTh-PM, 772 WTh-PM
Colich, Natalie - 696 WTh-PM, 413 WTh-AM
Colla, Michael - 417 MT-AM
Collet, Lionel - 1041 WTh-AM
Collette, Fabienne - 373 WTh-AM, 44 MT-PM
Colli Tibaldi, Enrico - 381 WTh-AM
Collier, Azurii - **240 MT-PM**
Collier, David - 500 MT-PM
Collignon, Olivier - **1585 WTh-AM**
Collins, Barbara - 913 MT-AM
Collins, D. Louis - 1071 MT-AM, 1382 WTh-PM, 768 WTh-PM, 787 MT-AM
Colliot, Olivier - 1075 MT-AM, 1268 WTh-PM, 1364 WTh-PM
Cologan, Victor - 448 WTh-PM
Colom, Roberto - 72 MT-PM
Colon, Albert - 300 MT-PM
Colosimo, Cesare - 335 MT-AM
Cómbita-Merchán, Lina - 231 WTh-AM
Comi, Giancarlo - 1242 MT-PM, 153 WTh-AM, 721 MT-AM, 926 WTh-PM
Committeri, Giorgia - 277 MT-AM
Compta, Yaroslau - 6 MT-PM
Compte, Albert - **961 MT-AM**
Comte, Alexandre - 1173 WTh-AM, 1544 WTh-PM, 1545 WTh-AM
Comte, Jean-Christophe - 786 MT-PM
Cona, Giorgia - **121 MT-AM**
Conant, Lisa - 1087 WTh-AM
Concha, Luis - 298 MT-PM, 299 MT-AM, 218 MT-PM, 235 WTh-AM
Confort-Gouny, Sylviane - 328 MT-PM, 331 MT-AM, 494 WTh-PM, 883 MT-AM
Conforto, Adriana - **30 WTh-PM**
Congdon, Eliza - 1177 MT-AM, **47 MT-AM**, 510 WTh-PM

Conklin, Chris - 1536 MT-PM
Conner, Cassidy - 187 WTh-AM
Conner, Christopher - **1544 MT-PM**
Connolly, Andrew - **1143 MT-AM**, 1292 WTh-PM
Connolly, Gerald - 407 MT-AM
Conover, Kent - 629 MT-AM
Conrod, Patricia - 962 WTh-PM
Conroy, Deirdre - 275 WTh-AM
Constable, R. Todd - 1029 MT-AM, 1062 MT-PM, 115 MT-AM, 1311 WTh-AM, 1370 WTh-PM, 342 MT-PM, 344 MT-PM, 50 WTh-PM, 98 MT-PM
Constantini, Shlomi - 1281 WTh-AM
Constantino, John - 410 WTh-PM
Contreras, Oren - 1202 MT-PM, 380 MT-PM, 386 MT-PM, 415 MT-AM
Contreras, Oren - **401 MT-AM**
Conty, Laurence - **622 WTh-PM**
Cook, Alana - 62 WTh-PM
Cook, Jr, Edwin - 467 WTh-AM
Cooke, Gillian - **71 MT-AM**
Cools, Roshan - 623 MT-AM, 730 WTh-PM, 563 WTh-AM
Cooper, Jeffrey - **739 MT-AM**
Cooper, Joe - 1465 WTh-AM
Cooper, Shelly - 1358 MT-PM, 458 WTh-PM
Cope, Lora - **775 MT-AM**, 776 MT-PM
Coppola, Richard - 66 WTh-PM
Corballis, Michael - 1149 WTh-AM
Corbett-Detig, James - 1220 MT-PM, 1221 MT-AM, 1359 WTh-AM, **790 WTh-PM**
Corbetta, Maurizio - 1027 MT-AM, 1169 WTh-AM, 1179 MT-AM, 1377 MT-AM, 1051 MT-AM, 1239 WTh-AM, 92 WTh-PM, 135 WTh-AM
Corbly, Christine - 1510 MT-PM
Corcuera, Idoia - 1295 WTh-AM
Cordes, Dietmar - **1106 MT-PM**, 1146 MT-PM, 1221 WTh-AM, 337 WTh-AM
Cordova, Xochitl - 300 WTh-PM
Cordovez, Jorge - 987 WTh-AM
Corey-Bloom, Jody - 481 MT-AM
Corkin, Suzanne - 1494 WTh-PM
Corlett, Philip - **518 MT-PM**, 1503 WTh-AM
Corneille, Olivier - 251 WTh-AM
Cornelissen, Frans - 220 MT-PM, 565 WTh-AM
Cornelissen, Piers - **1584 MT-PM**
Corniani, Dario - 191 MT-AM
Corosu, Mirko - 346 WTh-PM
Corradi-Dell'Acqua, Corrado - 1280 MT-PM
Cortese, Filomeno - **1489 MT-AM**
Cortizo, Romina - 533 MT-AM
Corvin, Aiden - 697 WTh-AM
Cosand, Louise - **300 WTh-PM**
Cosandier-Rimele, Delphine - 1326 WTh-PM
Cossette, Patrick - 339 MT-AM
Costa, Albert - 1554 MT-PM, 1523 MT-AM
Costa-Faidella, Jordi - 1514 WTh-PM, 1532 WTh-PM, **1531 WTh-AM**
Costagli, Mauro - 1053 MT-AM
Costardi, Daniela - 321 WTh-AM
Coste, Clio - **139 MT-AM**
Costello, Fiona - 1490 MT-PM
Costes, Nicolas - 892 MT-PM
Costumero, Victor - 278 WTh-PM, 579 WTh-AM, **659 WTh-AM**, 761 MT-AM
Cotelli, Maria - 321 WTh-AM
Cottier, Jean-Philippe - 1432 WTh-PM, 1565 MT-AM
Couch, Thomas - **1161 WTh-AM**
Coulon, Olivier - 21 WTh-AM, 1475 WTh-AM
Coulston, Carissa - 511 MT-AM
Coupé, Pierrick - 1352 WTh-PM, 1369 WTh-AM, **1071 MT-AM**
Courtemanche, Jerome - 1406 MT-PM
Courtney, Susan - 938 MT-PM

Cousin, Emilie - 1547 MT-AM, 1154 WTh-PM, **1517 MT-AM**, 742 MT-PM
Coutlee, Christopher - 641 WTh-AM
Covolani, Roberto - **1506 MT-PM**, 327 MT-AM
Cowan, Ronald - 520 WTh-PM
Cowen, Philip - 349 MT-AM
Cox, Christine - **1192 MT-PM**, 286 WTh-PM
Cox, David - 668 WTh-PM
Cox, Robert - 1203 MT-AM, **966 MT-PM**
Cox, Robert W. - 1314 WTh-PM, 1327 WTh-AM
Coxon, James - 1319 MT-AM, 437 WTh-AM, **173 WTh-AM**
Coyne, David - 1138 WTh-PM
Cozzone, Patrick - 494 WTh-PM, 883 MT-AM
Cozzone, Patrick J. - 328 MT-PM, 331 MT-AM
Crabbe, Frances - 133 MT-AM, 1418 WTh-PM, 1557 WTh-AM, 203 MT-AM, 603 WTh-AM, 1570 WTh-PM, 211 MT-AM, 961 WTh-AM
Craddock, R. Cameron - **1006 MT-PM**, 1063 MT-AM, **1280 WTh-PM**
Craig, David - 726 WTh-PM
Craig, Michael - **765 MT-AM**
Crain, Stephen - 1571 MT-AM
Cramer, Steven - 340 MT-PM
Craufurd, David - 1349 MT-AM
Crawford, Doug - 1017 WTh-AM
Crawford, John - 302 WTh-PM, 304 WTh-PM
Crawley, Adrian - 1416 MT-PM
Crescentini, Cristiano - 33 MT-AM, **62 MT-PM**
Crespo-Facorro, Benedicto - 1433 WTh-AM, 516 MT-PM
Crespy, Lydie - 494 WTh-PM, 883 MT-AM
Cressman, Erin - 1017 WTh-AM
Crewther, Sheila - 606 MT-PM
Crinelli, Raffaella - **359 WTh-AM**
Crinion, Jennifer - 1531 MT-AM
Crippa, Jose - 158 MT-PM
Crivello, Fabrice - 1168 MT-PM, 126 MT-PM, 932 WTh-PM
Crocetti, Deana - **1315 MT-AM**, **870 WTh-PM**
Crocker, Britni - 578 MT-PM
Crone, Eveline - 214 WTh-PM
Crone, Eveline A. - 1036 MT-PM, 202 WTh-PM, 208 WTh-PM, 210 WTh-PM, 549 WTh-AM, 636 MT-PM, 748 MT-PM
Crone, Julia Sophia - **444 WTh-PM**
Cronin, Thomas - **832 WTh-PM**
Cross, Emily - **1287 MT-AM**
Crossley, Louise - 440 WTh-PM
Crosson, Bruce - 1341 MT-AM
Crouch, Benjamin - 765 WTh-AM
Crouss, Tess - 513 WTh-AM, 530 WTh-PM, 553 WTh-AM
Crow, Tim - 780 WTh-PM
Crowley, Michael - 406 WTh-PM, 726 MT-PM
Cruikshank, Leanna - **1311 MT-AM**
Cruse, Damian - **174 MT-PM**
Cruz, Isabel - 873 MT-AM, 891 MT-AM
Csernansky, John - 520 MT-PM, 568 MT-PM
Cuberas, gemma - 149 MT-AM
Cubillo, Ana - 217 WTh-AM, 470 WTh-PM
Cucurell, David - **890 WTh-PM**
Cui, Xu - **831 MT-AM**
Cuingnet, Remi - **1268 WTh-PM**
Cukier, Sebastian - 408 WTh-PM
Culbertson, Chris - 1150 MT-PM
Cullell March, Claudia - **1083 MT-AM**, **534 MT-PM**
Culver, Joseph - 850 MT-PM, 859 MT-AM
Cummiford, Chelsea - 275 WTh-AM
Cummings, Jeffrey - 385 WTh-AM
Cunha, Gil - 489 WTh-AM
Cunha, João Paulo - 1253 WTh-AM, **1338 WTh-PM**
Cunillera, Toni - 1576 MT-PM
Cunnington, Ross - 77 WTh-AM
Curric-Blake, Branislava - **589 WTh-AM**
Curiati, Pedro - **1381 MT-AM**
Curio, Gabriel - 1407 WTh-AM

Curran, Joanne - 739 WTh-AM
Curran, Tim - 337 WTh-AM
Cusack, Rhodri - **193 MT-AM**, 173 MT-AM, 1487 WTh-AM, 1524 WTh-PM, 161 MT-AM, 225 MT-AM, 954 MT-PM
Cusimano, Michael - 1286 MT-PM
Cutini, Simone - **286 MT-PM**
Cutolo, Fabrizio - 1262 MT-PM
Cuzzocreo, Jennifer - 1361 WTh-AM
Cyckowski, Laura - 771 WTh-AM, 775 WTh-AM
Cykowski, Matthew - 281 WTh-AM
Czarapata, Jasmin - **119 MT-AM**, 30 MT-PM, 749 WTh-AM
Czekoova, Kristina - 529 WTh-AM
Czisch, Michael - 440 MT-PM, 582 WTh-PM

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D'Agata, Federico - 1167 MT-AM, 263 MT-AM, **888 MT-PM**
D'Andrea, Jolyn - **482 MT-PM**
D'Arcy, Ryan - **301 MT-AM**, 920 WTh-PM
d'Avossa, Giovanni - 1183 MT-AM
D'Esposito, Mark - 106 MT-PM, 107 MT-AM, 1419 WTh-AM, 1508 WTh-PM, 563 WTh-AM, 784 MT-PM, 956 MT-PM
D'Hondt, Fabien - 412 MT-PM
Daalman, Kirstin - 504 MT-PM
Daamen, Marcel - 1412 MT-PM
Daar, Eric - 1488 WTh-PM, 377 WTh-AM, 382 WTh-PM
Daducci, Alessandro - **862 WTh-PM**
Dafotakis, Manuel - 505 MT-AM
Dagher, Alain - 248 WTh-PM, 682 MT-PM, 685 MT-AM
Dagmar, Gass - 23 WTh-AM, 547 WTh-AM
Dahl, Ronald - 636 MT-PM
Dahnke, Robert - **1457 WTh-AM**, **1458 WTh-PM**, **1459 WTh-AM**, 1342 WTh-PM, 1463 WTh-AM, 769 WTh-AM
Dai, Yakang - 886 WTh-PM
Dailey, Natalie - 1091 WTh-AM
Dakin, Steven - 518 MT-PM
Dalal, Sarang - 140 WTh-PM, 227 MT-AM, **1015 WTh-AM**, **907 WTh-AM**
Dale, Anders - 100 MT-PM, 311 MT-AM, 565 MT-AM, 574 MT-PM
Dale, Corby - 108 MT-PM
Dale, Roman - 399 MT-AM
Dalgleish, Tim - 626 WTh-PM, 741 MT-AM
Dalla Barba, Gianfranco - 1175 WTh-AM
Dalrymple-Alford, John - 466 MT-PM
Dalton, Jeff - 586 WTh-PM
Dalton, Kim - 1337 MT-AM, 391 WTh-AM
Damaraju, Esvar - **1007 MT-AM**
Damasceno, Benito - 1532 MT-PM, 327 MT-AM
Dambacher, Michael - 1589 MT-AM
Damien, Brigitte - 1535 MT-AM
Dammers, Jürgen - 1462 WTh-PM, 631 WTh-AM
Damsgaard-Bruhn, Johannes - 99 MT-AM
Dan, Haruka - 854 MT-PM
Dan, Ippeita - **854 MT-PM**
Danelli, Laura - 471 WTh-AM
Dang-Vu, Thanh - 44 MT-PM, 1141 WTh-AM
Daniel, Eisenberg - 119 MT-AM
Daniel, Mietchen - 1463 WTh-AM
Daniel, Pavel - 214 MT-PM
Daniel, Reka - **1000**
Danielmeier, Claudia - **167 MT-AM**, 95 MT-AM
Daniels, Judith - **354 MT-PM**
Danilov, Yuri - 1012 MT-PM, 1120 MT-PM, 1229 WTh-AM
Danko, Sergey - **591 WTh-AM**, 46 WTh-PM
Dannhauer, Moritz - 1068 WTh-PM, **1357 WTh-AM**, 877 WTh-AM
Dannlowski, Udo - 1199 WTh-AM, 695 MT-AM, 167 WTh-AM, 628 WTh-PM
Dapretto, Mirella - 413 WTh-AM, 1105 WTh-AM, 1139 MT-AM, 682 WTh-PM, 704 MT-PM
Darki, Fahimeh - **868 WTh-PM**, **983 WTh-AM**

Darque, Alexandra - 128 MT-PM
Dartigues, Jean-François - 1447 WTh-AM
Darwin, David - 256 MT-PM, 292 WTh-PM
Darzi, Ara - 1121 WTh-AM, 212 MT-PM, 839 MT-AM
Das, Pritha - **511 MT-AM**
Das, Saumitra - 712 WTh-PM
Das, Tanusree - 1540 MT-PM
Daselaar, Sander - 1147 WTh-AM
Dash, Deepak - **949 MT-AM**
Dastjerdi, Mohammad - 234 MT-PM, **902 WTh-PM**, 904 WTh-PM
Datta, Hia - 1081 WTh-AM
Daudi, Sheeraz - 1076 MT-PM
Daughters, Stacey B - 560 WTh-PM, **561 WTh-AM**, 662 WTh-PM
Daumann, Joerg - 528 MT-PM
Daumann, Jörg - 1123 WTh-AM, **252 WTh-PM**
Daunizeau, Jean - **1032 MT-PM**, **1042 MT-PM**, 1192 WTh-PM, 539 WTh-AM
Dautoff, Rebecca - 1482 WTh-PM
Dávalos, Antoni - 607 MT-AM, 614 MT-PM, 781 WTh-AM
Davatzikos, Christos - 339 WTh-AM
Davey, Christopher - **355 MT-AM**
David, Anthony - 519 MT-AM, 586 WTh-PM
David, Olivier - 1215 WTh-AM
Davidenko, Nicolas - 1186 WTh-PM
Davidson, Doug - **1050 WTh-PM**
Davidson, Richard - 1337 MT-AM, 1425 WTh-AM, 391 WTh-AM, 611 WTh-AM, 402 MT-PM
Davis, Ben - 242 WTh-PM
Davis, Duff - 1420 WTh-PM, 750 WTh-PM, 867 MT-AM
Davis, Karen - 1416 MT-PM, 1433 MT-AM
Davis, Matt - 1083 WTh-AM, 205 MT-AM
Davis, Matthew - 1097 WTh-AM, 1045 WTh-AM, 1118 WTh-PM, 1137 WTh-AM, **1077 WTh-AM**
Davis, Rebecca - 601 WTh-AM
Davis, Simon - **188 WTh-PM**
Dawe, Robert - 1065 MT-AM, **752 WTh-PM**, 859 WTh-AM
Dawes, Helen - 602 MT-PM
Dayalu, Praveen - 475 MT-AM
Dayan, Jacques - 733 MT-AM
Dayan, Peter - 655 MT-AM
Dazzan, Paola - 519 MT-AM, 564 MT-PM
de Araujo, Draulio - **158 MT-PM**, 330 MT-PM, 1523 WTh-AM
De Beaumont, Louis - 36 WTh-PM
De Berardis, Domenico - 359 MT-AM
De Bie, Henrica - **1236 WTh-PM**
de Boer, Peter - 1506 WTh-PM
De Boissesson, Xavier - 93 MT-AM, 451 WTh-AM, 453 WTh-AM
de Boysson, Chloe - **162 WTh-PM**
de Bruijn, Ellen - **67 MT-AM**, 87 MT-AM
De Ciantis, Alessio - 324 MT-PM
De Cori, Sara - 324 MT-PM
De Diego-Balaguer, Ruth - 1095 WTh-AM
de falco, simona - **419 WTh-AM**
de Gardelle, Vincent - **556 WTh-PM**
de Geus, Eco - 475 WTh-AM
de Geus, Femke - 659 MT-AM
de Graaf, Tom - **168 MT-PM**
De Guio, Francois - **1233 MT-AM**, 501 WTh-AM
De Havas, Jack - **1002 MT-PM**
de Jong, Maartje - 168 MT-PM
de Jonge, Benjamin - 883 WTh-AM
de Koning, Inge - 184 WTh-PM
De La Garza, Bryan - 1477 MT-AM
de la Iglesia Vayá, Maria - **1107 MT-AM**
De la Serna, Elena - 534 MT-PM
de Laat, Karlijn - 762 WTh-PM
de Lange, Floris - 1256 MT-PM, 1273 WTh-AM, **166 MT-PM**, 84 WTh-PM, 87 MT-AM
de Leeuw, Frank-Erik - 762 WTh-PM

De Lucia, Marzia - 918 MT-PM, 1275 WTh-AM, **176 MT-PM**
De Manzano, Orjan - 1113 WTh-AM
de Martinis, Bruno - 158 MT-PM
De Martino, Federico - 1132 MT-PM, **1231 WTh-AM**, 1274 WTh-PM, 1516 WTh-PM, 789 WTh-AM
de Munck, Jan - 300 MT-PM
De Nil, Luc - 1537 MT-AM
de Notaris, Matteo - 1446 WTh-PM
de Pasquale, Francesco - 1250 MT-PM
De Pisapia, Nicola - 62 MT-PM, **68 MT-PM**, 976 MT-PM
de Préaumont, Mathilde - 1535 MT-AM
De Pretto, Michael - **283 MT-AM**
de Ridder, Denise - 660 MT-PM
De Rosa, Eve - 192 WTh-PM
De Rossi, Danilo - 1262 MT-PM
De Simoni, Sara - **1500 WTh-PM**, 1502 WTh-PM
de Timary, Philippe - 251 WTh-AM
de Vos, Cecile - 878 WTh-PM, **883 WTh-AM**
de Vos, Frank - 1241 WTh-AM
De Vos, Maarten - 1340 WTh-PM, 974 WTh-PM
de Weerd, Peter - 1216 MT-PM, 1509 MT-AM
de Weijer, Antoine - 504 MT-PM, **537 MT-AM**
de Wit, Stella - **352 MT-PM**, **395 MT-AM**
de Zubizaray, Greig - 1372 MT-PM, 729 WTh-AM, 743 WTh-AM, 744 WTh-PM, 871 WTh-AM, 824 WTh-PM, 1196 MT-PM
de Zwart, Jacco - 138 WTh-PM
Deakin, Bill - 536 MT-PM
Deary, Ian - 183 WTh-AM, 185 WTh-AM, 760 WTh-PM
Deb, Shoumitro - 82 WTh-PM
Debas, Karen - 1109 WTh-AM, **1138 WTh-PM**
Debener, Stefan - 906 MT-PM
deBettencourt, Megan - **1234 WTh-PM**
DeCastro, Alex - 406 MT-PM
Decety, Jean - 394 WTh-PM, 440 WTh-PM, 693 WTh-AM, 703 MT-AM, 732 MT-PM, 403 WTh-AM
DeChairo, Bryan - 726 WTh-PM
deCharms, Christopher - 1279 MT-AM
Déchaud, Henri - 668 MT-PM
Dechent, Peter - 1131 WTh-AM, 136 MT-PM, **1383 MT-AM**, 35 MT-AM, 610 WTh-PM, 72 WTh-PM, **777 MT-AM**, 779 WTh-AM
Declerck, Jerome - 1365 WTh-AM
Deco, Gustavo - 1185 MT-AM, 1190 MT-PM, 1028 MT-PM
Deeley, Quinton - 765 MT-AM
Deen, Benjamin - 726 MT-PM
DeFelipe, Javier - 1205 WTh-AM
DeGrauw, Ton - 309 MT-AM, 817 MT-AM
Degroot, Clotilde - 450 MT-PM
Degueuldre, Christian - 1141 WTh-AM, 183 MT-AM
Déguine, Olivier - 1023 WTh-AM
Dehaene, Stanislas - 1564 MT-PM, 157 MT-AM, 1570 MT-AM
Dehaene-Lambertz, Ghislaine - 593 MT-AM, 788 WTh-PM
Deichmann, Ralf - 804 MT-PM, **782 WTh-PM**
Deike, Susann - **144 MT-PM**
Deisseroth, Karl - 728 WTh-PM
Dekker, Tessa - **218 WTh-PM**
DeKosky, Steven - 318 WTh-PM
Del Gratta, Cosimo - 359 MT-AM, 697 MT-AM, 965 WTh-AM
Del Maestro, Rolando - 1327 MT-AM
Del Percio, Claudio - 121 WTh-AM, 127 WTh-AM
del Pozo, Francisco - 1076 WTh-PM, 349 WTh-AM, 655 WTh-AM
del Río, David - **1076 WTh-PM**
Del Zotto, Marzia - **698 MT-PM**
Delamillieure, Pascal - 126 MT-PM
Delanty, Norman - 333 MT-AM
Delaveau, Pauline - 547 MT-AM
Delazer, Margarete - 306 MT-PM
Delbello, Melissa - 928 WTh-PM

Delcroix, Nicolas - 1168 MT-PM, 126 MT-PM, 932 WTh-PM, 203 WTh-AM
Deldin, Patricia - 797 MT-AM
deLeeuw, Jan - 824 WTh-PM
Delemarre- van de Waal, Henriette - 1236 WTh-PM
Delgado-Aros, Silvia - 1202 MT-PM
Delgado-Mederos, Raquel - 836 MT-PM
Dell'Acqua, Flavio - 1466 WTh-PM, **1469 WTh-AM**, 1496 WTh-PM, 432 WTh-PM
Dell'Acqua, Roberto - 286 MT-PM
Della Penna, Stefania - 1250 MT-PM
Della-Justina, Hellen - **1523 WTh-AM**
Dellani, Paulo - **873 WTh-AM**
Delmaire, Christine - 1326 MT-PM, 1334 MT-PM, 1363 WTh-AM
Delon-Martin, Chantal - 1082 MT-PM, 1112 MT-PM, 1511 WTh-AM, 1298 MT-PM
Delorme, Arnaud - 1151 MT-AM
Delpuech, Claude - 259 MT-AM, 332 MT-PM
Demenescu, Liliana - 573 WTh-AM, 416 MT-PM
Demertzi, Athena - 1538 WTh-PM, **192 MT-PM**, 449 WTh-AM, 183 MT-AM
Demirakca, Traute - **1187 WTh-AM**, **1477 WTh-AM**, 1028 MT-PM, **272 WTh-PM**, 282 WTh-PM
Demiralp, Emre - **1109 MT-AM**, **1358 WTh-PM**
Demiralp, Metin - 1109 MT-AM
Demiralp, Tamer - 326 MT-PM, 818 MT-PM
Demitri, Ivan - 1375 WTh-AM
Démonet, Jean-François - 1023 WTh-AM, 1548 MT-PM, 1549 MT-AM, 162 WTh-PM
den Daas, Izaak - 1506 WTh-PM
den Hollander, Jan - 555 MT-AM
Den Ouden, Dirk - **1024 WTh-PM**, 1521 MT-AM
den Ouden, Hanneke - 1562 WTh-PM
Deng, Xiaoxiang - 1235 WTh-AM, 597 MT-AM
Deng, Yuan - **1563 MT-AM**
Dengler, Reinhard - 455 MT-AM
denHollander, Jan - 1415 MT-AM
Denk, Christian - 791 MT-AM
Dennis, Emily - 209 WTh-AM
Denolin, Vincent - 69 WTh-AM
Denton, Derek - 693 MT-AM
Denys, Damiaan - 659 MT-AM
Deoni, Sean - **1431 WTh-AM**, 542 MT-PM
Deouell, Leon - 1014 WTh-PM
Deppe, Michael - 1529 MT-AM, 304 MT-PM, 802 WTh-PM, **312 MT-PM**
Derakhshan, Mishkin - **768 WTh-PM**
Derckx, Kristianne - 585 WTh-AM
Deriche, Rachid - 827 WTh-AM, 837 WTh-AM
Derix, Johanna - 1301 MT-AM, 1543 MT-AM
Derks, Eske - 475 WTh-AM
Derntl, Birgit - 381 MT-AM, **718 MT-PM**, 735 MT-AM
Derost, Philippe - 22 MT-PM
Derrfuss, Jan - 118 MT-PM, 1492 WTh-PM, 254 MT-PM, **91 MT-AM**
Deruelle, Christine - 21 WTh-AM
Dervinis, Martynas - **101 WTh-AM**
Desai, Rutvik - **1087 WTh-AM**
Desco, Manuel - 189 WTh-AM, 221 WTh-AM, 243 MT-AM, 529 MT-AM, 753 WTh-AM, 873 MT-AM, 891 MT-AM
Descoteaux, Maxime - 847 WTh-AM, 863 WTh-AM
Deserno, Lorenz - **273 WTh-AM**
Desgranges, Béatrice - 733 MT-AM, 901 MT-AM
Deshpande, Hrishikesh - 1415 MT-AM
Deshpande, Vibhas - 939 WTh-AM
Desimone, Robert - 90 WTh-PM
Desjardins, Michèle - 48 MT-PM, 833 MT-AM
Desjardins-Crèpeau, Laurence - 833 MT-AM, 48 MT-PM
DESMIDT, Séverine - 1208 MT-PM, 937 WTh-AM
deSousa, Rogerio - 327 WTh-AM
Desroches, Amy - 215 WTh-AM, 224 WTh-PM, 262 MT-PM, **1033 WTh-AM**

Desseilles, martin - 1141 WTh-AM, **373 MT-AM**, 44 MT-PM
Destriex, Christophe - **1432 WTh-PM**, 1565 MT-AM
Detre, John - 1019 MT-AM, 14 WTh-PM, 605 MT-AM, 837 MT-AM, 844 MT-PM
Dettbarn, Ariane - 535 MT-AM
Deuker, Lorena - 1156 WTh-PM
Deus, Joan - 380 MT-PM, 401 MT-AM, 386 MT-PM, 414 MT-PM, 415 MT-AM
Deutsch, Gayle - 1581 MT-AM
Deutsch, Georg - **1415 MT-AM**
deVeber, Gabrielle - 619 MT-AM
Devereux, Barry - 1070 WTh-PM, 213 MT-AM, 1075 WTh-AM
Devinsky, Orrin - 100 MT-PM, 1534 WTh-PM, 1591 MT-AM, 311 MT-AM, 947 MT-AM
DeVito, Elise - **296 WTh-PM**
Devlin, Conal - 501 MT-AM
Dewald, Julius - 856 WTh-PM
Dewey, Jeffrey - 1488 WTh-PM, 382 WTh-PM
DeWitt, Iain - **1517 WTh-AM**
Dezecache, Guillaume - 622 WTh-PM
deZubizaray, Greig - 716 WTh-PM, 747 WTh-AM
Dhamala, Mukesh - **1282 MT-PM**, 1282 MT-PM
Dhanjal, Novraj - 811 MT-AM
Dhital, Bibek - **816 WTh-PM**, **844 WTh-PM**
Dhollander, Thijs - 1239 MT-AM
Dhond, Rupali - **1465 MT-AM**
Di Giannantonio, Massimo - 359 MT-AM
Di Giorgio, Annabella - 586 MT-PM, 955 MT-AM, 960 MT-PM
Di Martino, Adriana - **426 WTh-PM**, 1159 MT-AM, 1194 MT-PM, 234 WTh-PM
Di Meo, Francesco - 1534 MT-PM
Di Piero, Ezio - 697 MT-AM
Di Russo, Francesco - 1303 MT-AM, 1584 WTh-PM
Diaconescu, Andreea Oliviana - **1576 WTh-PM**, **521 MT-AM**
Díaz, José - 751 MT-AM
Díaz, Rosalinda - 1234 MT-PM
DiCamillo, Paul - 931 WTh-AM
Dick, Anthony - **237 WTh-AM**
Dick, Fred - 1537 WTh-AM
Dick, Rachel - 500 WTh-PM
Dickerson, Bradford - 1482 WTh-PM
Dickinson, Anthony - 518 MT-PM
Dickinson, Dwight - 30 MT-PM, 77 MT-AM, 852 WTh-PM
Dideberg, Vinciane - 1226 WTh-PM
Didelot, Adrien - 892 MT-PM
Diederer, Kelly - **504 MT-PM**, 549 MT-AM
Diederich, Nico - 452 MT-PM
Dieguez, Sebastian - 1443 MT-AM
Diehl, Beate - 325 MT-AM, 963 WTh-AM
Diekhof, Esther - **136 MT-PM**
Diekhoff, Svenja - 2 WTh-PM, **591 MT-AM**, 598 MT-PM
Diekmann, Volker - 789 MT-AM
Dielentheis, Thomas - 487 WTh-AM, 921 MT-AM
Diener, Carsten - 1477 WTh-AM, 1533 MT-AM, 442 MT-PM
Diener, Slawomira - 1110 WTh-PM, 367 MT-AM
Dierker, Donna - **1465 WTh-AM**
Diers, Kersten - 1162 WTh-PM, 369 WTh-AM, 379 WTh-AM, 8 MT-PM
Diers, Martin - 1442 MT-PM
Diesch, Eugen - **1540 WTh-PM**
Dieterich, Marianne - 873 WTh-AM
Dietz, Martin - **1437 MT-AM**, **228 MT-PM**
DiForti, Marta - 519 MT-AM
DiFrancesco, Mark - 611 MT-AM
DiFranza, Joseph - **254 WTh-PM**
DiGirolamo, Gregg - 254 WTh-PM
Dijkerman, Chris - 1260 MT-PM
Dijksterhuis, Garnt - 1547 WTh-AM
Dijkstra, Hildebrand - 757 WTh-AM

Dilhareguy, Bixente - 1447 WTh-AM, 616 MT-PM
Dillier, Norbert - 906 MT-PM
DiMartino, Adriana - 1586 MT-PM
Ding, Guo-sheng - 1563 MT-AM
DiNino, Mishaela - **223 WTh-AM**, 239 WTh-AM
Dinov, Ivo - 319 WTh-AM, 497 MT-AM, 1072 MT-PM
Dinu-Biringer, Ramona - 684 WTh-PM, **686 MT-PM**
Dion, Laurie-Anne - 899 WTh-AM
DiQuattro, Nicholas - 123 WTh-AM
Dirckx, Sharon - 1425 MT-AM
Dirix, Stijn - 226 MT-PM
DiSano, Michael - 1544 MT-PM, 924 MT-PM
DiStefano, III, Joseph - 1507 WTh-AM
Diukova, A - **86 MT-PM**
Diukova, Ana - 398 MT-PM
Diwadkar, Vaibhav - 500 WTh-PM
Dixon, Matt - 192 WTh-PM
Djurovic, Srdjan - 565 MT-AM
Doallo, Sonia - **637 MT-AM**, **731 MT-AM**, 80 WTh-PM
Dobesberger, Judith - 306 MT-PM
Dobromyslin, Vitaly - **1141 MT-AM**
Dockree, Paul - 68 WTh-PM
Dodel, Richard - 743 MT-AM, 744 MT-PM
Dodel, Silke - **1147 MT-AM**
Dodell-Feder, David - **725 MT-AM**
Dodge, Neil - 501 WTh-AM
Dodoo-Schittko, Frank - 313 MT-AM, **315 MT-AM**
Doeller, Christian - 1144 WTh-PM
Doenitz, Christian - 313 MT-AM
Dogana, Imis - 930 MT-PM, **472 MT-PM**
Dogonowski, Anne-Marie - **1267 MT-AM**
Dohen, Marion - 1025 WTh-AM, 577 MT-AM
Doherty, Colin - 333 MT-AM
Dohn, Anders - 665 WTh-AM
Dojat, Michel - 1082 MT-PM, 1476 MT-PM
Doke, Thomas - 699 WTh-AM
Dolan, Raymond - 1395 MT-AM, 38 WTh-PM, 507 WTh-AM, 638 MT-PM, 655 MT-AM, 885 WTh-AM
Dolberg, Rebecca - 484 MT-PM, 914 MT-PM
Dold, George - 1553 WTh-AM
Dole, Marjorie - **1041 WTh-AM**
Domenech, Philippe - 666 MT-PM
Domi, Trish - **619 MT-AM**
Domínguez-Borrás, Judith - **51 WTh-AM**, 53 WTh-AM
Domínguez D., Juan - 562 WTh-PM
Doñamayar, Nuria - **524 WTh-PM**
Dong, Mia - 98 WTh-PM
Dong, Qi - 1359 MT-AM, 378 MT-PM, 423 MT-AM, 424 MT-PM, 1583 MT-AM
Dong, Zhangye - 1010 MT-PM
Doniger, Glen - 154 WTh-PM
Donix, Markus - 1387 WTh-AM, 374 WTh-PM, 380 WTh-PM
Donkin, Christopher - 576 MT-PM
Donner, Tobias - 166 MT-PM, 947 MT-AM
Donohoe, Gary - 697 WTh-AM
Donoso, Mael - **92 MT-PM**
Donovan, Christa-Lynn - 1213 WTh-AM
Dörfel, Denise - **1162 WTh-PM**
Dorfmueller, Georg - 593 MT-AM
Dormal, Giulia - 266 MT-PM, 281 MT-AM
Dormal, Valerie - **266 MT-PM**
Dormont, Didier - 1364 WTh-PM
dos Anjos, Carlos - 1506 MT-PM
Dosenbach, Ronny - 859 MT-AM
Douaihy, Antoine - 881 MT-AM, 882 MT-PM
Douaud, Gwenaëlle - 1276 MT-PM, 336 WTh-PM, **342 WTh-PM**, 813 WTh-AM, **821 WTh-AM**
Doucet, Gaëlle - **1168 MT-PM**, 126 MT-PM
Dougherty, Robert - 407 WTh-AM, 696 WTh-PM, 788 MT-PM, 793 WTh-AM, 1581 MT-AM
Douglas, Molly - 1571 WTh-AM
Douglas, Pamela - 1150 MT-PM

Douglas, PK - **1308 WTh-PM**, **1507 WTh-AM**
Douglas, Tania - 1238 WTh-PM, 1371 MT-AM
Downer, Delaney - 683 MT-AM
Downes, John - 1191 WTh-AM
Doyle, Werner - 1534 WTh-PM, 1591 MT-AM, 947 MT-AM
Doyon, Julien - 1109 WTh-AM, 1138 WTh-PM, 1237 MT-AM, 1141 WTh-AM, 761 WTh-AM, 874 MT-PM
Dozier, Mary - 363 MT-AM
Draganova, Rossitza - **230 WTh-PM**
Draganski, B. - 826 WTh-PM
Draganski, Bogdan - 910 MT-PM, **795 WTh-AM**
Drakesmith, Mark - **1550 MT-PM**, **971 MT-AM**
Drastich, Aleš - 1325 WTh-AM
Dreher, Jean-Claude - 663 MT-AM, 666 MT-PM, 668 MT-PM
Dresel, Christian - **473 MT-AM**
Dressen-Gervai, Patricia - 815 MT-AM
Drevets, Wayne - 1501 WTh-AM, 353 MT-AM, 375 MT-AM, 601 WTh-AM, 623 MT-AM
Dreyer, Stephen - 1544 MT-PM
Driessen, Martin - 391 MT-AM, 927 MT-AM
Driver, Ian - **1272 MT-PM**
Driver, Jon - 104 WTh-PM, 143 WTh-AM, 1573 WTh-AM, 951 MT-AM
Drobnjak, Ivana - **860 WTh-PM**
Drolet, Matthias - **657 WTh-AM**
Dronkers, Nina - 1419 WTh-AM, 590 MT-PM
Drucker, Jonathan - 1186 WTh-PM
Drucker, Rene - 20 WTh-PM
Drueke, Barbara - 159 WTh-AM
Drusch, Katharina - 634 WTh-PM
Drysdale, Peter - 1218 WTh-PM, 1232 WTh-PM, 1233 WTh-AM
Du, Hanjian - 321 MT-AM
Du, Jinguang - 940 WTh-PM
Du, Yi - **1518 WTh-PM**
Du, Yingchun - 1574 MT-PM
Du Pasquier, Renaud - 141 WTh-AM
Du Plessis, Adre - 1352 WTh-PM, 499 WTh-AM
Duan, Lian - 1023 MT-AM
Duann, Jeng-Ren - 1123 MT-AM, 185 MT-AM, 292 MT-PM
Duarte, João - **1309 WTh-AM**
Dubal, Stéphanie - 204 MT-PM, 669 WTh-AM
Dubeau, Francois - 308 MT-PM
Dubin, Marc - **368 MT-PM**
Dubischar-Krivec, Anna - 425 WTh-AM
Dubno, Judy - 187 WTh-AM
Dubois, Jessica - 788 WTh-PM
DuBois, Jonathan - 100 MT-PM, 311 MT-AM
Dubois, Julien - 152 MT-PM
Duca, Sergio - 1167 MT-AM, 263 MT-AM
Ducharme, Edouard - **769 MT-AM**
Duchasnay, Edoard - 402 WTh-PM, 722 WTh-PM, 740 WTh-PM
Duchesne, Simon - 1376 WTh-PM
Duclos, Yann - 21 WTh-AM
Ducorps, Antoine - 1015 WTh-AM
Duff, Eugene - **1252 WTh-PM**
DUFOR, Olivier - **1549 MT-AM**
Duggirala, Ravi - 739 WTh-AM
Dukart, Juergen - **308 WTh-PM**
Dukes, George - 614 WTh-PM
Dumas, Eve - **1349 MT-AM**, **1350 MT-PM**, 457 MT-AM
Dumas, Guillaume - **887 WTh-AM**
Dumas, Julie - 31 MT-AM
Dumas, Thibaud - **204 MT-PM**
Dumoulin, Serge - 1491 MT-AM
Duñabeitia, Jon Andoni - **1553 MT-AM**, 1412 WTh-PM
Duncan, James - 1062 MT-PM
Duncan, John - 1240 WTh-PM, 296 MT-PM, 329 MT-AM, 341 MT-AM, 347 MT-AM, 953 MT-AM, 963 WTh-AM, 142 WTh-PM, 74 WTh-PM
Dungan, James - 767 MT-AM

Duning, Thomas - **1290 MT-PM**
 Dunkley, Ben - 134 MT-PM, **1411 WTh-AM**
 Dunn, Barnaby - 567 WTh-AM
 Dunn, Brian - **629 MT-AM**
 Duong, Timothy - 1477 MT-AM, 316 MT-PM, 34 WTh-PM
 Duperron, Marie-Gabrielle - 1447 WTh-AM
 Dupont, Patrick - 1239 MT-AM
 Duran, Fabio - 436 MT-PM
 Duran, Fábio Luis - 1381 MT-AM
 Durand, Remy - 728 WTh-PM
 Durduran, Turgut - 14 WTh-PM, 605 MT-AM, 823 MT-AM, 836 MT-PM, **837 MT-AM**, 844 MT-PM
 Durgerian, Sally - **390 WTh-PM**
 Durif, Franck - 22 MT-PM
 Durka, Piotr - 1224 MT-PM
 Durnez, Joke - **1216 WTh-PM**
 Durr, Alexandra - 1326 MT-PM, 1334 MT-PM, 1363 WTh-AM
 Duru, Adil Deniz - **326 MT-PM**
 Duverne, Sandrine - **94 MT-PM**
 Duyn, Jeff - 138 WTh-PM, 751 WTh-AM
 Duzel, Emrah - 1144 WTh-PM, 20 MT-PM, 646 MT-PM, 655 MT-AM
 Dwyer, Dominic - 355 MT-AM
 Dyck, Miriam - 364 MT-PM, **507 MT-AM**
 Dyer, Thomas - 739 WTh-AM
 Dykstra, Andrew - **1534 WTh-PM**
 Dysken, Maurice - 375 WTh-AM
 Dzemiđić, Mario - 1508 MT-PM, 266 WTh-PM, 405 WTh-AM, 426 MT-PM

E

E, Keren-Happuch F. - 1579 MT-AM
 Eagleman, David - 298 WTh-PM
 Eapen, Mariam - **770 WTh-PM**
 Easter, Charlotte - **762 MT-PM**
 Ebmeier, Klaus - 702 WTh-PM
 Ebner, Franz - 1237 WTh-AM, 195 WTh-AM, 269 MT-AM, 270 MT-PM, 869 MT-AM
 Ebrat, Bahar - 673 WTh-AM
 Ecker, Christine - 1265 WTh-AM, 1502 WTh-PM
 Eckert, Mark - **187 WTh-AM**
 Eckert, Ulf - 427 MT-AM, 605 WTh-AM, 643 WTh-AM, 810 WTh-PM
 Eckstein, Doris - 268 MT-PM
 Eckstein, Korinna - 1049 WTh-AM
 Eda, Hideo - 835 MT-AM, **842 MT-PM**, 938 WTh-PM
 Edden, Richard - 916 WTh-PM, 134 MT-PM, 853 MT-AM
 Edem, Idara - 1190 WTh-PM
 Eden, Evins - 293 WTh-AM
 Eden, Guinevere - 495 WTh-AM, 1490 WTh-PM
 Edin, Fredrik - 961 MT-AM
 Edjlali, Myriam - **1565 MT-AM**
 Edlow, Brian - 844 MT-PM
 Edwards, Ben - 779 MT-AM
 Edwards, Dylan - 28 WTh-PM
 Edwards, Robert - 1435 MT-AM, 1438 MT-PM
 Edwards, Rod - 327 WTh-AM
 Egan, Gary - 460 MT-PM, 471 MT-AM, 476 MT-PM, 562 WTh-PM, 693 MT-AM, 459 MT-AM
 Egan, Gary F. - 1346 MT-PM, 250 MT-PM
 Egashira, Kazuteru - **508 MT-PM**, 516 WTh-PM
 Eger, Evelyn - 1259 WTh-AM
 Eggermann, Thomas - 698 WTh-PM, 704 WTh-PM
 Eggert, Lucas - 764 WTh-PM
 Eggert, Paul - 482 WTh-PM
 Egleston, Brian - 53 MT-AM
 Egloff, Boris - 628 WTh-PM
 Ehrenberg, Joshua - 1282 MT-PM
 Ehret, Günter - 1148 WTh-PM
 Ehrlich, Stefan - **499 MT-AM**, 527 MT-AM, 875 WTh-AM
 Eiben, Björn - 1462 WTh-PM

Eichele, Heike - **45 MT-AM**
 Eichele, Tom - 102 MT-PM, 1142 MT-PM, 196 WTh-PM, 45 MT-AM, 806 MT-PM, 89 MT-AM, 906 MT-PM, 957 MT-AM
 Eichenlaub, Jean-Baptiste - **65 WTh-AM**
 Eickhoff, Simon - **1068 MT-PM**, 1140 MT-PM, 1253 MT-AM, 1429 WTh-AM, 345 WTh-AM, 36 MT-PM, 381 MT-AM, 395 WTh-AM, 472 MT-PM, 505 MT-AM, 59 WTh-AM, 592 MT-PM, 598 WTh-PM, 599 WTh-AM, 61 WTh-AM, 712 MT-PM, 718 MT-PM, 76 WTh-PM, 930 MT-PM, 936 MT-PM, 67 WTh-AM, 991 WTh-AM, 1571 WTh-AM
 Eid, Ibrahim - 1350 WTh-PM
 Eileen, Daly - 765 MT-AM
 Eimer, Martin - 731 MT-AM
 Eippert, Falk - 1408 MT-PM, 700 MT-PM
 Eisenberg, Daniel - 1096 MT-PM, 641 WTh-AM, 749 WTh-AM, 77 MT-AM, **554 MT-PM**
 Ekawardhani, Savira - 713 WTh-AM, 714 WTh-PM
 Ekholm, Sven - 344 WTh-PM
 Ekhtiari, Hamed - **289 WTh-AM**, 295 WTh-AM
 Ekman, Matthias - **118 MT-PM**
 El-Dereby, Wael - 1191 WTh-AM, 1416 WTh-PM, 1418 MT-PM, 1447 MT-AM, 1550 MT-PM, 536 MT-PM, 642 MT-PM, 665 MT-AM, 681 MT-AM, 94 WTh-PM, 971 MT-AM, 216 MT-PM
 Elchlepp, Heike - **104 MT-PM**
 Eldaief, Mark - 26 WTh-PM
 Elger, Christian - 1156 WTh-PM, 312 MT-PM
 Eliassen, James - 928 WTh-PM
 Eliez, Stephan - 1493 WTh-AM, 503 WTh-AM, 797 WTh-AM
 Elisabet, Ochs - 23 WTh-AM
 Elisabeth, Weiss - 326 WTh-PM, 424 WTh-PM
 Elleberg, Dave - 1380 MT-PM
 Ellenbogen, Rachel - 176 WTh-PM
 Elliot, Mark - 1197 WTh-AM
 Ellison, Amanda - 590 WTh-PM
 Ellmore, Timothy - 1544 MT-PM, 924 MT-PM, 945 MT-AM, 946 MT-PM
 Elmer, Stefan - 464 WTh-PM, **1520 MT-PM**
 Elmore, Caitlin - **945 MT-AM**, 946 MT-PM
 Elwell, Clare - 1228 WTh-PM, 838 MT-PM
 Elwes, Robert - 963 WTh-AM
 Ely, Timothy - 377 MT-AM, 750 MT-PM
 Elzinga, Bernet M. - 594 WTh-PM
 Embleton, Karl - 1332 MT-PM, 1338 MT-PM, 1356 MT-PM, 1567 WTh-AM, 1335 MT-AM
 Emrich, Stephen - **184 MT-PM**
 Ende, Gabriele - 1187 WTh-AM, 1477 WTh-AM, 219 MT-AM, 272 WTh-PM
 Endrass, Tanja - 421 MT-AM, **422 MT-PM**
 Endres, Matthias - 621 MT-AM
 Engel, Rolf - 430 WTh-PM, 439 MT-AM
 Engelen, Almut - 695 MT-AM
 Engström, Maria - 931 MT-AM, **937 MT-AM**
 Enkhtur, Lkhamsuren - 854 MT-PM
 Ennabil, Nourane - 194 WTh-PM
 Ennis, Chad - 804 WTh-PM
 Ennis, Daniel B. - 865 WTh-AM
 Enoch, Mary-Anne - 650 MT-PM
 Enriquez-Geppert, Stefanie - 102 MT-PM, **89 MT-AM**
 Enzinger, Christian - 1292 MT-PM, 623 WTh-AM, 869 MT-AM
 Epstein, Charles - 1282 MT-PM
 Erb, Michael - **1525 MT-AM**, 171 MT-AM, 142 MT-PM, 1516 MT-PM, 282 MT-PM, 284 MT-PM, 198 MT-PM
 Ercoli, Linda - 374 WTh-PM
 Erdmann, Christian - 1235 MT-AM
 Erdo an, Basri - 818 MT-PM
 Erfurth, Andreas - 408 MT-PM
 Erfurth, Maria - 1187 WTh-AM
 Erhard, Katharina - **1566 MT-PM**

Erhardt, Erik - **1101 MT-AM**, 1142 MT-PM
 Eric, Vanman - 627 WTh-AM
 Erickson, Crystal - **685 MT-AM**
 Erickson, Kirk - 1293 WTh-AM
 Erickson, Kristine - 353 MT-AM
 Erk, Susanne - 687 MT-AM
 Ernst, Monique - 363 MT-AM
 Erpelding, Nathalie - **1416 MT-PM**
 Ersland, Lars - 801 MT-AM
 Eryilmaz, Hamdi - 1266 WTh-PM
 Erz, Gunnar - 749 MT-AM
 Escartí, M^a Jose - 1107 MT-AM
 Escera, Carles - 1531 WTh-AM, 1532 WTh-PM, 51 WTh-AM, 53 WTh-AM, 550 MT-PM, 70 MT-PM, 1514 WTh-PM
 Eskandar, Emad - 1534 WTh-PM
 Eskildsen, Simon - **1386 WTh-PM**
 Espeland, Mark - 174 WTh-PM
 espinosa, ana - 149 MT-AM
 Esposito, Fabrizio - 1231 WTh-AM, 4 MT-PM, 1519 WTh-AM, 1536 WTh-PM
 Esposito, Roberto - **970 WTh-PM**
 Essig, Marco - 684 WTh-PM, 686 MT-PM
 Esslinger, Christine - **23 WTh-AM**, 396 MT-PM, 547 WTh-AM, 654 WTh-PM
 Esteban, Francisco J. - **322 WTh-PM**, 460 WTh-PM, 754 WTh-PM
 Ester, Edward - **932 MT-PM**
 Esterbauer, Harald - 408 MT-PM, 737 WTh-AM
 Estévez, Natalia - **1278 MT-PM**
 Estivill, Xavier - 414 MT-PM
 Eswaran, Hari - 230 WTh-PM
 Etcheverry Sáez, Louise - 329 WTh-AM
 Ethofer, Thomas - 618 WTh-PM, **740 MT-PM**, 759 MT-AM, 496 WTh-PM
 Ethridge, Lauren - **583 MT-AM**
 Ettlin, Dominik - 1419 MT-AM, 1456 MT-PM
 Ettliger, Marc - **1099 WTh-AM**
 Ettrich, Barbara - **452 WTh-PM**
 Eura, Shigeru - 842 MT-PM
 Eusebio, Alexandre - 456 MT-PM
 Eustache, Francis - 733 MT-AM, 901 MT-AM
 Evans, Adam - 258 MT-PM
 Evans, Alan - 1349 WTh-AM, 1352 WTh-PM, 1382 WTh-PM, 1484 WTh-PM, 1485 WTh-AM, 198 WTh-PM, 297 MT-AM, 488 WTh-PM, 490 WTh-PM, 762 WTh-PM, 769 MT-AM, 335 WTh-AM, 1182 MT-PM, 353 WTh-AM, 499 WTh-AM, 761 WTh-AM, 792 WTh-PM, 1456 WTh-PM
 Evans, Davy - 741 MT-AM
 Evans, J - 86 MT-PM
 Evans, Jennifer - **241 WTh-AM**
 Evans, John - 916 WTh-PM, 875 MT-AM
 Evans, Nathan - **1586 WTh-PM**
 Evans, Sam - **1046 WTh-PM**
 Everitt, Barry - 518 MT-PM
 Evins, A. Eden - 268 WTh-PM
 Ewbank, Michael - **1478 MT-PM**
 Ewerts, Michael - 343 WTh-AM
 Ewert, Siobhán - 1541 MT-AM
 Eyre, Janet - 617 MT-AM
 Ezekiel, Frederick - 112 MT-PM, **219 WTh-AM**

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Faber, Pascal - 151 MT-AM, 995 MT-AM
 Fabiani, Monica - 1293 WTh-AM
 Fagan, Andrew - 407 MT-AM
 Faggian, Nathan - **471 MT-AM**
 Fahim, Chérine - **488 WTh-PM**, 493 WTh-AM
 Fahy, Tom - 765 MT-AM
 Failliot, Isabelle - 372 WTh-PM
 Fair, Damien - 1196 MT-PM
 Faivre, Anthony - 494 WTh-PM, 883 MT-AM

Fakra, Eric - **547 MT-AM**
Falcon, Carles - 1083 MT-AM, 1107 MT-AM, 1499 WTh-AM, 480 WTh-PM, 5 MT-AM, 534 MT-PM, 6 MT-PM
Falconer, Erin - 379 MT-AM
Falkai, Peter - 513 MT-AM, 713 WTh-AM, 714 WTh-PM
Falkenberg, Dania - 387 MT-AM, 392 MT-PM
Falkenberg, Liv - **1430 WTh-PM**
Falkenstein, Michael - 42 MT-PM
Falkiewicz, Marcel - 116 MT-PM
Fallatah, Summaya - 1429 MT-AM
Fallgatter, Andreas - 717 WTh-AM
Fallon, James - 1302 WTh-PM
Fan, Li-Ying - 1094 WTh-PM, 111 MT-AM
Fan, Ming - 727 WTh-AM
Fan, Xian - 1467 WTh-AM
Fan, Yang-teng - **394 WTh-PM**
Fan, Yong - **560 MT-PM**
Fan, Yubo - 178 WTh-PM
Fandakova, Yana - 165 WTh-AM
Fang, Carolyn - 53 MT-AM
Fang, zhuo - 1574 MT-PM
Fani, Negar - **377 MT-AM**
Faranco, Carlos - **958 MT-PM**
Farbota, Kimberly - **435 WTh-AM**
Farde, Lars - 113 WTh-AM
Fargier, Raphael - **1106 WTh-PM**
Farias Serratos, Felipe - **941 MT-AM**
Farinelli, Valentina - 191 MT-AM
Farivar, Reza - 1509 MT-AM
Faro, Scott - 1536 MT-PM
Farré, Magí - 386 MT-PM, 415 MT-AM
Farrell, Michael - 693 MT-AM
Farrer, Chloe - 64 WTh-PM
Farrow, Tom - 1263 MT-AM, 606 WTh-PM, 1571 WTh-AM
Farthouat, Juliane - 1443 MT-AM
Fasano, Fabrizio - 801 WTh-AM, 912 WTh-PM
Faseyitan, Olufunsho - 14 WTh-PM
Fatima, Zainab - **1132 WTh-PM**
Faugeras, Frédéric - 57 WTh-AM
Favaretto, Alice - 1381 WTh-AM, 845 WTh-AM
Favilla, Christopher - 605 MT-AM
Favilla, Stefania - **1278 WTh-PM**
Favrat, Bernard - 84 MT-PM
Faymonville, Marylise - 192 MT-PM
Fazekas, Franz - 1292 MT-PM, 1321 MT-AM, 623 WTh-AM
Fazio, Leonardo - 586 MT-PM, 955 MT-AM, **960 MT-PM**
Fazio, Raffaella - 926 WTh-PM
Fazli, Siamac - **1407 WTh-AM**, 231 MT-AM
Fears, Scott - 1110 MT-PM
Featherstone, Eric - 1319 WTh-AM
Fecteau, Shirley - **16 WTh-PM**
Federspiel, Andrea - 613 MT-AM
Feess, David - 1336 WTh-PM
Fegen, Drew - 784 MT-PM
Feige, Bernd - 73 MT-AM, 74 MT-PM, 504 WTh-PM, 802 MT-PM
Feinberg, David - **939 WTh-AM**
Feinstein, Justin - 1433 MT-AM
Feitosa-Santana, Claudia - 986 WTh-PM
Feiwei, Thorsten - 801 WTh-AM
Fekete, Tomer - **1225 MT-AM**
Felber, Stephan - 1079 MT-AM, 1080 MT-PM
FELBLINGER, Jacques - 767 WTh-AM
Feldman, Ruth - 736 MT-PM
Feldman Barrett, Lisa - 1482 WTh-PM, 677 WTh-AM
Feldmanhall, Oriël - 626 WTh-PM, **741 MT-AM**
Feldmann, Reinhold - 1505 MT-AM
Félician, Olivier - 21 WTh-AM
Felix, Marcelo - **986 WTh-PM**
Fell, Juergen - 1155 WTh-AM, 1156 WTh-PM
Fellows, Lesley - 248 WTh-PM
Felmingham, Kim - **379 MT-AM**
Felsovalyi, Olga - 311 MT-AM
Feng, Lei - **166 WTh-PM**
Feng, Xiaoyi - 1051 WTh-AM
Feng, Yen-Ju - 615 WTh-AM
Feng, Yuanyuan - **990 WTh-AM**
Fenker, Daniela - 1153 WTh-AM
Fennema-Notestine, Christine - 574 MT-PM
Ferber, Susanne - 184 MT-PM
Feredoes, Eva - **951 MT-AM**, 143 WTh-AM, 3 WTh-AM
Ferguson, Michael - 989 MT-AM
Fergusson, Yolande - 407 MT-AM
Fernandes, Henrique - **1008 MT-PM**
Fernandes, José - 1338 WTh-PM
Fernández, Anabel - 1038 WTh-PM, 1039 WTh-AM
Fernández, Francisco - 1389 MT-AM
Fernández, Guíllén - 1151 WTh-AM, 1167 WTh-AM, 1509 WTh-AM, 575 WTh-AM, 616 WTh-PM, 619 WTh-AM, 976 WTh-PM, 710 WTh-PM, 1174 WTh-PM, 585 WTh-AM, 721 WTh-AM
Fernández-Espejo, Davinia - 368 WTh-PM, **443 WTh-AM**, 828 WTh-PM
Fernandez-Morales, Jessica - 910 WTh-PM
Fernández-Ruiz, Juan - 1234 MT-PM
Fernández-Seara, María - 1037 MT-AM, 511 WTh-AM, 546 WTh-PM, 564 WTh-PM, 1466 MT-PM
Fernández-Serrano, María José - 263 WTh-AM, 264 WTh-PM
Fernandez-Vidal, Sara - 468 WTh-PM
Fernando, Zelaya - 1426 MT-PM
Ferradal, Silvina - 850 MT-PM, **859 MT-AM**
Ferrarelli, Fabio - 3 WTh-AM
Ferrari, Paolo - 812 MT-PM
Ferrari, Paul - 1017 WTh-AM, 1273 MT-AM, **1537 MT-AM**
Ferrarini, Luca - 457 MT-AM
Ferrè, Francesca - 1534 MT-PM
Ferreira, Carlos - 165 MT-AM
Ferreira, Ricardo - 1523 WTh-AM
Ferreiro, Concha - 820 WTh-PM
Ferrer, Emilio - 207 WTh-AM
Ferrer, Marta - 1236 MT-AM
Ferretti, Antonio - 359 MT-AM, 697 MT-AM, **965 WTh-AM**
Ferro, Filippo Maria - 359 MT-AM
Ferrol, Paolo - 1534 MT-PM
Ferrucci, Luigi - 1249 WTh-AM
Fersini, Alessandra - 955 MT-AM
Ferstl, Roman - 631 MT-AM
Feuerherd, Michael - 636 WTh-PM
Feusner, Jamie - **15 MT-AM**
ffytche, Dominic - 1466 WTh-PM, 1504 WTh-PM
Fias, Wim - 288 MT-PM
Fiatarone Singh, Maria - 155 WTh-AM
Fidler, Lesley - **1091 WTh-AM**
Fiebach, Christian - 124 MT-PM
Fiebach, Jochen - 1188 MT-PM, 621 MT-AM, 742 WTh-PM
Fiecas, Mark Joseph - **996 MT-PM**
Fiedler, Romy - 1543 MT-AM
Fiedorowicz, Jess - 483 MT-AM
Fiehler, Katja - **940 MT-PM**
Fige, Martijn - **659 MT-AM**
Figueiras, Francisca - 1389 MT-AM
Figueiredo, Patricia - 125 MT-AM, 1008 MT-PM, 1201 WTh-AM, **1210 MT-PM**
Figueras, Francesc - 480 WTh-PM
Filimon, Flavia - 163 MT-AM
Filippi, Massimo - 1242 MT-PM, 153 WTh-AM, 333 WTh-AM, 334 WTh-PM, **451 MT-AM**, 453 MT-AM, **721 MT-AM**, **926 WTh-PM**
Filippini, Nicola - 1276 MT-PM, 371 WTh-AM, **702 WTh-PM**
Fillard, Pierre - 847 WTh-AM
Fimm, Bruno - 329 WTh-AM
Findlay, Anne - 1013 WTh-AM, 484 MT-PM, 914 MT-PM
Fink, Frauke - **52 MT-PM**
Fink, Gereon - 463 MT-AM, 592 MT-PM, 598 MT-PM, 2 WTh-PM, 634 WTh-PM, 591 MT-AM
Fink, Martin - 890 MT-PM
Finke, Mareike - **550 MT-PM**
Finkelmeier, Andreas - **1251 WTh-AM**
Finoia, Paola - **142 WTh-PM**
Fiona, Earle - 1476 WTh-PM
Firbank, Michael - **323 WTh-AM**, 331 WTh-AM
Firl, Alana - 538 MT-PM
Fisahn, Katrin - 634 WTh-PM
Fisch, Lior - **223 MT-AM**
Fischer, Catherine - 404 WTh-PM
Fischer, Jochen - 917 MT-AM
Fischer, Julia - 657 WTh-AM
Fischer, Krisztina - 13 MT-AM
Fischer, Stefan - 950 WTh-PM
Fischer, Thomas - **8 MT-PM**
fischi, elda - **1366 MT-PM**, 1493 WTh-AM, 503 WTh-AM
Fischl, Bruce - 1077 MT-AM, 1078 MT-PM, 1084 MT-PM, 1087 MT-AM, 1088 MT-PM, 1363 MT-AM, 376 WTh-PM, 384 WTh-PM, 994 MT-PM, 1491 WTh-AM, 875 WTh-AM
Fischmeister, Florian Ph.S - 100 WTh-PM, 1011 MT-AM, 1198 WTh-PM, 1227 WTh-AM, **175 MT-AM**
Fisher, Joseph - 1210 WTh-PM
Fisher, Melissa - 1013 WTh-AM
Fitzgerald, Kate - 437 MT-AM
FitzGerald, Thomas - **1395 MT-AM**
FitzPatrick, Ian - **1057 WTh-AM**
Fitzsimons, Mary - 333 MT-AM
Fix, Stephen - 1094 MT-PM
Flagmeier, Sabina - **1312 MT-PM**, **1314 MT-PM**
Flanagin, Virginia - **1184 WTh-PM**
Flash, Tamar - 1400 WTh-PM
Flegal, Kristin - 1358 WTh-PM
Fletcher, Paul - 1503 WTh-AM, 518 MT-PM, 780 WTh-PM
Flexas, Albert - 154 MT-PM
Fling, Brett - 1313 MT-AM, **148 WTh-PM**
Floel, Agnes - **146 WTh-PM**, 742 WTh-PM
Flor, Herta - **1442 MT-PM**, 246 WTh-PM, 1110 WTh-PM, 367 MT-AM, 442 MT-PM
Florea, Olivia - 1104 WTh-PM, 1559 MT-AM, **339 MT-AM**
Florin, Esther - **463 MT-AM**
Flotats, Nuria - 1389 MT-AM
Flowers, D - 495 WTh-AM
Flynn, Alysse - 483 MT-AM
Focke, Niels - 341 MT-AM, 714 WTh-PM, 779 WTh-AM
Föcker, Julia - 1579 WTh-AM
Foki, Thomas - 1079 MT-AM, 1080 MT-PM
Foltynie, Thomas - 456 MT-PM
Fondevila, Sabela - 1028 WTh-PM, **1038 WTh-PM**, 1039 WTh-AM
Fong, Timothy - 27 MT-AM
Fonlupt, Pierre - 404 WTh-PM
Fonov, Vladimir - 1071 MT-AM
Fonteneau, Elisabeth - 803 MT-AM
FORBES, Florence - 1196 WTh-PM
Ford, Anastasia - **1341 MT-AM**, **461 MT-AM**
Forés, Rosa - 607 MT-AM
Foret, Ariane - 1141 WTh-AM, **1226 WTh-PM**
Forkel, Stephanie - **1496 WTh-PM**
Formaggio, Emanuela - 1117 MT-AM, **799 MT-AM**
Formisano, Elia - 1132 MT-PM, 1231 WTh-AM, 1274 WTh-PM, 139 WTh-AM, 1516 WTh-PM, 1533 WTh-AM, 1538 MT-PM, 662 MT-PM, 783 MT-AM
Forn, Cristina - 314 MT-PM
Forn Frías, Cristina - **118 WTh-PM**
Fornari, Eleonora - 201 MT-AM, **306 WTh-PM**, 84 MT-PM
Fornito, Alex - **1168 WTh-PM**, 1346 MT-PM, **538 MT-PM**
Foroud, Tatiana - 703 WTh-AM, 726 WTh-PM
Forsberg, Lars - **948 WTh-PM**
Forss, Nina - 1424 MT-PM, 609 MT-AM
Forssberg, Hans - 1113 WTh-AM

Forstmann, Birte - 1396 WTh-PM, **512 WTh-PM**
Fortea, Juan - 347 WTh-AM, **367 WTh-AM**
Fortier, Catherine - 1141 MT-AM, **280 WTh-PM**
Fortin, Sam - **F-AM**
Fosnæs, Mark - 99 MT-AM
Foss-Feig, Jennifer - 467 WTh-AM
Foster, Brett - 902 WTh-PM, **904 WTh-PM**
Foucher, Aurelie - 669 WTh-AM
Fouquet, Marine - 733 MT-AM
Foutren, Marion - 923 MT-AM
Fowlkes, Charless - 1302 WTh-PM
Fox, Craig - 510 WTh-PM
Fox, Helen - 185 WTh-AM, 760 WTh-PM
Fox, Mick - 1140 MT-PM
Fox, P Mickle - **1301 WTh-AM**
Fox, Peter - 1068 MT-PM, 395 WTh-AM, 700 WTh-PM, 701 WTh-AM, 705 WTh-AM, 706 WTh-PM, 741 WTh-AM, 930 MT-PM, 1015 MT-AM, 1140 MT-PM, 1296 MT-PM, 1301 WTh-AM, 1312 MT-PM, 1314 MT-PM, 25 WTh-AM, 281 WTh-AM, 316 MT-PM, 34 WTh-PM, 386 WTh-PM, 718 WTh-PM, 734 WTh-PM, 739 WTh-AM, 1041 MT-AM, 345 WTh-AM, 472 MT-PM
Fox, Peter T - 1160 MT-PM, 59 WTh-AM
Fox, Robert - 832 WTh-PM
Fox, Sharon - **240 WTh-PM**
Frackowiak, Richard - 1398 WTh-PM, 479 MT-AM, 488 WTh-PM, 699 WTh-AM, 795 WTh-AM
Frahm, Jens - 1111 MT-AM, 1383 MT-AM, 1453 MT-AM
Fraiman, Daniel - 1126 MT-PM
Frajman, Ellen - 460 MT-PM, 476 MT-PM
Francies, Xavier - 782 MT-PM, 803 WTh-AM, 805 WTh-AM
Franceschini, Maria - 1399 MT-AM
Francesco, Di Salle - 721 MT-AM
Franchin, Tiziana - 792 MT-PM
Francis, Susan - 1195 WTh-AM, 1272 MT-PM, 1351 WTh-AM, 1444 MT-PM, 1450 MT-PM, 1454 MT-PM, 796 MT-PM
Franco, Alexandre - **1223 WTh-AM**, 1376 MT-PM
Franco, Carolina - 243 MT-AM
Francois, Rouanet - 616 MT-PM
Franczak, Malgorzata - 351 WTh-AM
Frank, Guido - 348 MT-PM
Frank, Michael - 58 MT-PM
Frank, Sabine - **658 MT-PM**
Frank, Schneider - 1251 WTh-AM, 672 WTh-PM
Franke, Barbara - 1167 WTh-AM, 721 WTh-AM, 730 WTh-PM
Franke, Katja - **1262 WTh-PM**, 1463 WTh-AM, **339 WTh-AM**
Franken, Gilbert - 736 WTh-PM
Franklin, Crystal - 1296 MT-PM, 25 WTh-AM, 316 MT-PM, 34 WTh-PM
Fransson, Peter - 536 WTh-PM, 664 WTh-PM
Frantis, Petr - 441 MT-AM
Franz, Volker - 940 MT-PM
Franzmeier, Imke - 1505 MT-AM
Franzoni, Ferdinando - 1384 WTh-PM
Frauenfelder, Ulrich H. - 908 MT-PM
Frasysse, Bernard - 1023 WTh-AM
Frazier, Jean - 486 WTh-PM, 784 WTh-PM, 991 MT-AM
Frederick, Blaise - 668 WTh-PM, **785 MT-AM**, 857 MT-AM
Frederick, Damen - 833 WTh-AM
Frédérique, Bonnet-Brilhault - 1565 MT-AM
Fredrikson, Mats - 443 MT-AM
Freeman, Elliot - 74 WTh-PM
Freeman, Scott - 1166 WTh-PM
Freeman, Tom - 1411 WTh-AM
FREEMAN, WALTER J - **881 WTh-AM**
Frei, Luisa - **689 WTh-AM**
Freimann, Florian - 486 MT-PM
Freimer, Nelson - 1110 MT-PM, 1177 MT-AM, 1363 MT-AM, 47 MT-AM

Freissmuth, Michael - 737 WTh-AM
Freitag, Christine - 922 MT-PM
Freitas, Catarina - **26 WTh-PM**
French, Jacqueline - 311 MT-AM
Frenkel, Annekathrein - 248 MT-PM
Freude, Gabriele - 191 WTh-AM
Freudenmann, Roland - 37 MT-AM
Frey, Stephen - 787 MT-AM
Freyer, Tobias - **410 MT-PM**
Frick, Carina - 684 WTh-PM
Fricke, Stanley - 978 WTh-PM
Fridriksson, Astrid - 608 MT-PM
Fridriksson, Julius - **608 MT-PM**
Fried, Itzhak - 152 MT-PM, 223 MT-AM, 65 MT-AM, 661 WTh-AM
Friedel, Eva - 489 MT-AM
Friederici, Angela - 1003 MT-AM, 1050 WTh-PM, 1049 WTh-AM, 1101 WTh-AM
Friedman, Andrzej - 116 MT-PM
Friedman, Joseph - 570 MT-PM
Friedrich, Tobias - 1187 WTh-AM
Fries, Pascal - 90 WTh-PM
Frijia, Francesca - **1546 WTh-PM**, 324 MT-PM
Frisch, Stefan - 88 MT-PM
Frisoli, Antonio - 132 MT-PM
Frisoni, Giovanni Battista - 1375 WTh-AM, 317 WTh-AM, 321 WTh-AM, 325 WTh-AM, 333 WTh-AM, 334 WTh-PM, **335 WTh-AM**, 498 MT-PM, 702 WTh-PM, 708 MT-PM
Friston, Karl - 1006 WTh-PM, 1042 MT-PM, 168 WTh-PM, 456 MT-PM, 539 WTh-AM, 80 MT-PM, 885 WTh-AM, 600 MT-PM
Frith, Chris - 47 WTh-AM
Frith, Christopher - 528 WTh-PM
Frithsen, Amy - 1166 WTh-PM
Fritsche, Andreas - 1393 MT-AM, 649 MT-AM, 658 MT-PM
Frittgen, Eva Maria - 9 WTh-AM
Fritz, Tom - 911 WTh-AM
Frodl, Thomas - 697 WTh-AM, **358 MT-PM**, 366 MT-PM, 407 MT-AM
Froelich, Michael - 1415 MT-AM
Fromm, Stephen - 353 MT-AM
Frommann, Nicole - 64 MT-PM
Frost, Martin - **1069 MT-AM**, 1323 WTh-AM
Frouin, Vincent - 1090 MT-PM, **1218 MT-PM**, 722 WTh-PM, 740 WTh-PM
Fu, Cindy - 500 MT-PM
Fu, Cynthia - 1265 WTh-AM, 1277 WTh-AM
Fuchs, Manfred - 1067 MT-AM
Fuchs, Siegrid - 623 WTh-AM
Fuentemilla, Lluís - 1116 MT-PM, **117 MT-AM**, 655 MT-AM
Fujii, Masazumi - 1030 WTh-PM
Fujimoto, Ayataka - 343 MT-AM
Fujimoto, Shinsuke - 579 MT-AM
Fujiwara, Hisako - 309 MT-AM, 310 MT-PM
Fukami, Madoka - 1246 MT-PM
Fukuda, Hiroshi - 1452 WTh-PM, 1454 WTh-PM
Fukuda, Kensuke - **1569 WTh-AM**
Fukuda, Masato - 370 MT-PM, 398 WTh-PM
Fukui, Kenji - 361 MT-AM
Fukunaga, Masaki - 751 WTh-AM
Fukushima, Hirokata - 632 WTh-PM
Fukuyama, Hidenao - 1395 WTh-AM, 579 MT-AM, 925 WTh-AM, 777 WTh-AM
Fuligni, Andrew - 753 MT-AM
Fuller, Jenelle - 1046 MT-PM
Fulwiler, Carl - **612 WTh-PM**
Funane, Tsukasa - **826 MT-PM**
Funari, Marcelo - 986 WTh-PM
Fung, Robert - 546 MT-PM, 551 MT-AM
Furdea, Adrian - 171 MT-AM
Furey, Maura - 132 WTh-PM, 138 WTh-PM, 1501 WTh-AM, 353 MT-AM, 601 WTh-AM

Furl, Nicholas - 38 WTh-PM
Furlan, Michele - **111 WTh-AM**
Furtado, Sara - 482 MT-PM
Furukawa, Matakazu - 508 MT-PM
Futatsubashi, Masami - 447 MT-AM

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Gabbitas, Raquel - **238 WTh-PM**
Gabitov, Ella - **1249 MT-AM**, 1307 MT-AM
Gabriel, Rodney - **1588 WTh-PM**
Gabrieli, John - 129 MT-AM, 1370 MT-PM, 1557 MT-AM, 919 MT-AM, 293 WTh-AM
Gado, Mokhtar - 787 WTh-AM
Gaebel, Wolfgang - 17 WTh-AM, 64 MT-PM
Gaggl, Wolfgang - **1331 MT-AM**
Gaglianese, Anna - **1053 MT-AM**
Gagnepain, Pierre - **1097 WTh-AM**
Gagnon, Christine - **833 MT-AM**
Gagnon, Isabelle - 433 WTh-AM
Gagnon, Léa - **904 MT-PM**
Gagoski, Borjan - 872 WTh-PM
Gaillard, William - 1170 MT-PM, 427 WTh-AM, 467 WTh-AM
Gais, Steffen - 44 MT-PM, 1184 WTh-PM
Galán, Lidice - 1450 WTh-PM, 929 WTh-AM
Galantucci, Sebastiano - 451 MT-AM, 453 MT-AM
Galati, Gaspare - 277 MT-AM
Galdzicka Way, Ewa - 1510 MT-PM
Galinowski, André - 393 MT-AM
Galka, Andreas - 1125 MT-AM, **1261 WTh-AM**
Gallagher, Anne - 1104 WTh-PM, **334 MT-PM**
Gallarda, Thierry - 393 MT-AM
Gallea, Cecile - **485 MT-AM**
Gallen, Courtney - **679 MT-AM**
Galley, Shawna - 791 MT-AM, 909 WTh-AM
Gallhofer, Bernd - 535 MT-AM, 927 MT-AM
Gallinat, Juergen - 20 MT-PM
Galliot, Emmanuel - **1173 WTh-AM**, 1545 WTh-AM
Gallo, Paolo - 1381 WTh-AM, 845 WTh-AM
Gallone, Salvatore - 888 MT-PM
Galvan, Adriana - 253 WTh-AM
Galvez, Marcelo - 987 WTh-AM
Gamba, Humberto - 1523 WTh-AM
Gambi, Francesco - 359 MT-AM, 697 MT-AM
Gamer, Matthias - 621 WTh-AM, **648 WTh-PM**
Gamez, Mario - 1275 MT-AM
Ganjavi, Hooman - 769 MT-AM
Ganjgahi, Habib - 289 WTh-AM, **295 WTh-AM**
Gansler, David - 612 WTh-PM
Gao, Jia-Hong - 1155 MT-AM, 1156 MT-PM, 1157 MT-AM, 950 WTh-PM, 1441 MT-AM
Gao, Wei - **1247 WTh-AM**
gao, xin - **967 WTh-AM**
Gao, Zaifeng - 1014 WTh-PM
Gaolang, Gong - **1485 WTh-AM**
Garcia, Christopher - 896 MT-PM
Garcia, Javier - **895 MT-AM**
Garcia, JJ - 446 WTh-PM
García, Verónica - 891 MT-AM
Garcia de la Foz, Victor - 1433 WTh-AM, 516 MT-PM
García Pentón, Lorna - **848 WTh-PM**
García-Álvarez, Roberto - 340 WTh-PM, 825 MT-AM
García-Barreno, Pedro - 243 MT-AM
García-Finana, Marta - 1486 WTh-PM, 216 WTh-PM
García-García, David - 563 MT-AM
García-García, Manuel - 51 WTh-AM, **70 MT-PM**, **53 WTh-AM**
García-Gomez, Juan Miguel - 1107 MT-AM
García-Larrea, Luis - 1464 MT-PM
García-Ojalvo, Jordi - **1043 MT-AM**
García-Pacios, Javier - 928 MT-PM

García-Polo, Pablo - 820 WTh-PM, 871 MT-AM, 887 MT-AM
García-Porcar, María - 314 MT-PM
Gard, Erin - 377 MT-AM
Gardini, Simona - 1476 WTh-PM, **261 WTh-AM**, 1478 WTh-PM
Garfinkel, Sarah - 385 MT-AM
Garg, Rahul - **1031 MT-AM**
Garibaldi, Kyla - 1530 WTh-PM
Garnero, Line - 1175 WTh-AM, 1309 MT-AM, 887 WTh-AM, 1015 WTh-AM
Garolera, Maite - 550 MT-PM
Garrett, Douglas - **1225 WTh-AM**
Garrido, Gemma - 550 MT-PM
Garrod, Simon - 1060 WTh-PM
Gartus, Andreas - **208 MT-PM**
Garver, Krista - 421 WTh-AM
Garwood, Michael - 789 WTh-AM
Garyfallidis, Eleftherios - **851 WTh-AM**
Gascón, Jordi - 474 MT-PM
Gaser, Christian - 1262 WTh-PM, 1341 WTh-AM, 1342 WTh-PM, **1369 WTh-AM**, 1442 WTh-PM, 1457 WTh-AM, 1458 WTh-PM, 1459 WTh-AM, 1463 WTh-AM, 339 WTh-AM, 558 MT-PM, 769 WTh-AM, 1539 MT-AM
Gaspar, Carl - **1511 MT-AM**
Gasparini, Elisa - 191 MT-AM
Gasparovic, Charles - **483 MT-AM**
Gass, Achim - 180 WTh-PM, 336 WTh-PM, 342 WTh-PM, 360 MT-PM, 821 WTh-AM
Gasser, Thomas - 21 MT-AM
Gassert, Roger - 1278 MT-PM, 201 MT-AM
Gasston, David - 1431 WTh-AM
Gatenby, J Chris - 770 WTh-PM
Gates, Kathleen - **1049 MT-AM**
Gates, Nicola - 155 WTh-AM
Gau, Susan Shur-Fen - 396 WTh-PM
Gauggel, Siegfried - 1019 WTh-AM, 159 WTh-AM
Gaugh, Michelle - 344 WTh-PM
Gautam, Prapti - **588 MT-PM**
Gautam, Shiva - 26 WTh-PM
Gauthier, Claudine - **1384 MT-PM**, 874 MT-PM
Gauthier, Serge - 328 WTh-PM
Gavrilesco, Maria - 250 MT-PM, 606 MT-PM, 693 MT-AM, 610 MT-PM
Gawlik, Robert - 1301 MT-AM
Gawne, Timothy - **1475 MT-AM**
Gawronski, Astrid - 399 WTh-AM
Gawryluk, Jodie - 301 MT-AM, 920 WTh-PM
Gawrys, Ludwika - 116 MT-PM
Gay, Sarah - 729 WTh-AM
Gayda, Jessica - 71 MT-AM
Gazzaley, Adam - 15 WTh-AM, 134 WTh-PM, 93 WTh-AM
Gazzola, Valeria - 196 MT-PM
Gear, Robert - 1436 MT-PM
Geary, David - 227 WTh-AM, 257 MT-AM
Gebhardt, Andreas - **1481 MT-AM**
Gebhardt, Helge - 127 MT-AM, 927 MT-AM
Geda, Elisabetta - 888 MT-PM
Gee, Dylan - 584 MT-PM, 933 MT-AM
Gee, James - 1388 WTh-PM, 1425 WTh-AM, 771 WTh-AM, 775 WTh-AM
Geier, Charles - 421 WTh-AM
Geirsdottir, Gerda - 1331 WTh-AM, **985 WTh-AM**
Geiss, Gesine - 1034 WTh-PM
Geissler, Alexander - 1079 MT-AM, 1080 MT-PM, 1081 MT-AM, 1463 MT-AM, **956 WTh-PM**, 957 WTh-AM
Gelao, Barbara - 586 MT-PM, 955 MT-AM, 960 MT-PM
Gelemter, Joel - 567 MT-AM
Gelineau-Kattner, Rose - **1377 WTh-AM**
Geminiani, Giuliano - 1167 MT-AM, 263 MT-AM, 888 MT-PM
Gemme, Gianluca - 346 WTh-PM
Généreux, Suzanne - 1535 MT-AM
Geng, Joy - 113 WTh-AM, 123 WTh-AM
Geng, Xiujuan - 946 WTh-PM, **283 WTh-AM**
Genitori, Lorenzo - 324 MT-PM
Gennatas, Efstathios - **692 WTh-PM**, 378 WTh-PM, 628 MT-PM
Genon, Sarah - **373 WTh-AM**
Genovese, Elisabetta - 792 MT-PM
Gentile, Francesco - **130 WTh-PM**
Gentili, Claudio - **350 MT-PM**
Georg, Becker - 88 MT-PM
George, Ed - 980 MT-PM, 1436 MT-PM
George, Edward - 1440 MT-PM
George, John - **1507 MT-AM**
George, Nathalie - 1175 WTh-AM, 204 MT-PM
Georgiadis, Janniko - **693 MT-AM**
Georgiadis, Stefanos - 1038 MT-PM
Georgieff, Michael - 236 WTh-PM
Georgiou-Karistianis, Nellie - 459 MT-AM, 460 MT-PM, 471 MT-AM, **476 MT-PM**
Geramita, Matthew - 820 MT-PM, 852 WTh-PM
Gerardin, Emilie - 1268 WTh-PM
Gerber, Wolf-Dieter - 478 WTh-PM
Gerber von-Mueller, Gabriella - 478 WTh-PM
Gerhard, Stephan - 1030 MT-PM, **1320 MT-PM**, **1422 WTh-PM**
Gerke, Amelia - 410 WTh-PM
Gerlach, Katrin - **1180 WTh-PM**
Geroldi, Cristina - 334 WTh-PM, 498 MT-PM
Gerritsen, Lotte - **721 WTh-AM**
Gerstl, Florian - 100 WTh-PM, 638 WTh-PM
Gervai, Patricia - 463 WTh-AM, 465 WTh-AM
Gescheidt, Tomas - **529 WTh-AM**
Geschwind, Daniel - 1017 MT-AM
Gesierich, Benno - **1171 WTh-AM**
Geurts, Monique - 1319 MT-AM, 437 WTh-AM
Geuze, Elbert - 619 WTh-AM
Geva, Sharon - **1531 MT-AM**
Geyer, Stefan - 1362 MT-PM, 1449 WTh-AM, 778 WTh-PM, 786 WTh-PM, 773 WTh-AM, 855 MT-AM
Ghahremani, Dara - **692 MT-PM**, 253 WTh-AM
Ghajar, Jamshid - 458 WTh-PM
Gharabaghi, Alireza - 1525 MT-AM, 198 MT-PM
Gharbi, Tijani - 1544 WTh-PM, 1545 WTh-AM
Ghatan, Alexander - 1494 WTh-PM
Gholipour, Taha - 308 MT-PM
Ghose, Geoff - **137 WTh-AM**
Ghosh, Aurobrata - 827 WTh-AM, 837 WTh-AM
Ghosh, Satrajit - **816 MT-PM**, **819 MT-AM**
Ghuman, Avniel - **1181 MT-AM**
Giacomini, Paul - 768 WTh-PM
Giampietro, Vincent - 1265 WTh-AM, **1276 WTh-PM**, 220 WTh-PM, 586 WTh-PM
Gianaros, Pete - 738 MT-PM
Gianfranco, Gargano - 1375 WTh-AM
Gianna, Riccitelli - 1242 MT-PM, 721 MT-AM
GIBERT, Guillaume - 1403 WTh-AM
Gibson, Eli - 1270 WTh-PM
Giedd, Jay - 420 WTh-PM, 503 MT-AM, 709 MT-AM, 725 WTh-AM, 924 WTh-PM, 974 MT-PM
Gierthmuehlen, Mortimer - 894 WTh-PM
Giesbrecht, Barry - 814 MT-PM
Giezendanner, Stéphanie - **189 WTh-AM**
Gigandet, Xavier - 862 WTh-PM
Gil, Pedro - 349 WTh-AM
Gilam, Gadi - **764 MT-PM**
Gilbert, Donald - **233 WTh-AM**, 611 MT-AM
Gilbert, Jessica - 1170 WTh-PM
Gilbert, Paul - 597 WTh-AM
Gilbert, Sam - 540 WTh-PM
Gilboa, Asaf - 1116 WTh-PM
Gilger, Jeffrey - 232 WTh-PM
Gili, Tommaso - **1350 WTh-PM**
Gilkey, Rick - 750 MT-PM
Gill, Michael - 697 WTh-AM
Gillebert, Celine - **103 WTh-AM**, 83 WTh-AM
Gilman, Jodi - **513 WTh-AM**, 530 WTh-PM, 553 WTh-AM
Gilmore, Adrian - 1134 WTh-PM, 1180 WTh-PM
Gilmore, Casey - 561 MT-AM
GIMBERT, Florian - 803 WTh-AM
Gimenez, Monica - **386 MT-PM**, 415 MT-AM
Gingnell, Malin - **443 MT-AM**
Gintautas, Vadas - 1507 MT-AM
Giordano, Bruno L. - **217 MT-AM**
Giordano, Flavio - 324 MT-PM
Giovannetti, Giulio - 1262 MT-PM
Giove, Federico - 1350 WTh-PM
Giragosian, Lisa - 628 MT-PM
Giraud, Anne-Lise - 1382 MT-PM, 1515 MT-AM, 1526 WTh-PM, 1561 WTh-AM, 1563 WTh-AM, 43 WTh-AM, 484 WTh-PM
Giroud, Christian - 84 MT-PM
Girton, Laura - 427 WTh-AM
Gispert, Joan - 1389 MT-AM
Gitelman, Darren - 1050 MT-PM
Giusti, Maria Assunta - 1303 MT-AM
Gizewski, Elke - 976 WTh-PM
Gkogkidis, Alexis - 1301 MT-AM
Glahn, David - 1365 WTh-AM, 700 WTh-PM, 701 WTh-AM, 705 WTh-AM, 706 WTh-PM, 718 WTh-PM, 1041 MT-AM, 1140 MT-PM, 281 WTh-AM, 734 WTh-PM, **739 WTh-AM**, 741 WTh-AM
Glasauer, Stefan - 1184 WTh-PM
Glasel, Hervé - 788 WTh-PM
Glasser, Matthew - 727 MT-AM, 1444 WTh-PM, 833 WTh-AM
Glatthaar, Nora - 478 WTh-PM
Glauche, Volkmar - 1058 WTh-PM, 106 WTh-PM, 1336 WTh-PM, 229 WTh-AM, 603 MT-AM
Glaunès, Joan - 1075 MT-AM
Glen, Daniel - 1191 MT-AM
Glenn, Orit - 1220 MT-PM, 1221 MT-AM, 1359 WTh-AM, 790 WTh-PM
Glerean, Enrico - 1493 MT-AM, 97 WTh-AM
Gliemann-Johnston, Yifat - **1124 WTh-PM**
Glimcher, Paul - 654 MT-PM
Glover, Gary - 1306 WTh-PM, 1318 WTh-PM
Gluth, Sebastian - **647 MT-AM**
Gmeindl, Leon - 938 MT-PM
Goble, Daniel - 173 WTh-AM
Godoy, Ana Leonor - 870 MT-PM
Goebel, Rainer - 1069 MT-AM, 1216 MT-PM, 1231 WTh-AM, 1323 WTh-AM, 1384 WTh-AM, 139 WTh-AM, 1410 WTh-PM, 168 MT-PM, 281 MT-AM, 302 MT-PM, 473 WTh-AM, 570 WTh-PM, 662 MT-PM
Goekoop, Rutger - 549 MT-AM
Goerlich, Katharina - 637 WTh-AM, **640 WTh-PM**
Goesaert, Elfi - **1499 MT-AM**
Goff, Donna - 823 MT-AM
Goffaux, Valérie - **281 MT-AM**
Goghari, Vina - **494 MT-PM**
Gogtay, Nitin - 725 WTh-AM, 503 MT-AM, 514 MT-PM, 974 MT-PM
Goh, Cindy - 86 WTh-PM
Goh, Joshua - 1107 WTh-AM, **149 WTh-AM**
Gohel, Suril - 997 MT-AM
Gokcay, Didem - 1355 WTh-AM, 1380 WTh-PM, **435 MT-AM**, **984 WTh-PM**
Göksel Duru, Dilek - **849 WTh-AM**
golan, ronem - **280 MT-PM**
Golaszewski, Stefan - 1572 MT-PM, 444 WTh-PM
Golazewski, Stephan - 1079 MT-AM, 1080 MT-PM
Golby, Alexandra - 1184 MT-PM, 1269 WTh-AM
Gold, Brian - **348 WTh-PM**
Gold, Mark - 285 WTh-AM
Goldberg, Terry - 712 WTh-PM
Goldhahn, Dirk - 1004 MT-PM

Goldman, David - 301 WTh-AM, 650 MT-PM, 652 MT-PM
Goldman, Robin - 1234 WTh-PM
Goldstein, Avi - 1551 MT-AM
Goldstein, Jody - 481 MT-AM
Golestani, Narly - 1046 WTh-PM, 1527 MT-AM, **908 MT-PM**
Golkar, Armita - **664 WTh-PM**
Golland, Polina - 1138 MT-PM
GOLLUB, RANDY - 1435 MT-AM, 1438 MT-PM, 499 MT-AM, 527 MT-AM, 875 WTh-AM
Golob, Edward - 60 WTh-PM
Goltz, Herb - 1489 MT-AM
Gomar, Jesús - 990 MT-PM, 548 MT-PM
Gomes, Carlos Alexandre - 125 MT-AM
Gomez, Alice - **1154 WTh-PM**
Gómez, José - 260 MT-PM
Gómez Ansón, Beatriz - 1295 WTh-AM
Gomez-Carrillo de Castro, Ana - **644 WTh-PM**
Gómez-Verdejo, Vanessa - 993 WTh-AM
Gomot, Marie - **404 WTh-PM**
Gonçalves, André - 30 WTh-PM
Gonçalves, Ariádne - 1353 WTh-AM
Gonçalves, Carla Sá - 1300 MT-PM
Gondo, Motoharu - 653 WTh-AM
Gonen, Tal - 154 WTh-PM
Gong, Lanyun - 1560 MT-PM
Gong, Qi-Yong - 1261 MT-AM, 940 WTh-PM, 362 MT-PM, 1364 MT-PM, 369 MT-AM, 556 MT-PM
Gong, Sylvia - 1124 WTh-PM
Goñi, Joaquín - 1037 MT-AM, 322 WTh-PM, **511 WTh-AM**, 564 WTh-PM, 754 WTh-PM
Gonoi, Wataru - 1325 MT-AM
Gontu, Vamsi - 480 MT-PM
Gonul, Ali - 435 MT-AM
González, Julio - 1096 WTh-PM
Gonzalez, Nadia - **20 WTh-PM**
Gonzalez, Richard - 1109 MT-AM, 1358 WTh-PM
Gonzalez Andino, Sara - 1409 WTh-AM, **551 WTh-AM**, 581 WTh-AM, 897 WTh-AM
Gonzalez Castillo, Javier - **1026 WTh-PM**
González-Franco, Mar - 1406 WTh-PM
Gonzalez-Frankenberger, Berta - **1104 WTh-PM**
González-Marqués, Javier - 1076 WTh-PM, 928 MT-PM
González-Mora, José - 1236 MT-PM, **131 MT-AM**, 1572 WTh-PM, 247 MT-AM, 825 MT-AM, 848 MT-PM
Gonzalez-Roldan, Ana M - 1126 MT-PM
Gonzalez-Santos, Leopoldo - 235 WTh-AM
González-Zabaleta, Javier - 340 WTh-PM
Goodby, Emmeline - **569 MT-AM**
Goodman, Chelain - 571 MT-AM
Goodwin, Robert - 256 MT-PM, 292 WTh-PM
Goodyear, Bradley - 482 MT-PM, 1490 MT-PM
Goori Mussel, Osnat - **1116 WTh-PM**
Gorbach, Nico - **1371 MT-AM**
Gorbatova, Olga - 1305 MT-AM
Gordon, Evan - **1115 MT-AM**, 427 WTh-AM
Gore, John - 770 WTh-PM, 76 MT-PM
Gorgolewski, Krzysztof - 819 MT-AM
Göring, Harald - 739 WTh-AM
Gorka, Stephanie - 560 WTh-PM, 561 WTh-AM, **662 WTh-PM**
Gorno-Tempini, Maria Luisa - 1171 WTh-AM
Goschke, Thomas - 213 WTh-AM
Gospic, Katarina - **536 WTh-PM**
Gosselin, Frédéric - 211 MT-AM
Gosseries, Olivia - 147 MT-AM, 449 WTh-AM, 612 MT-PM
Gotimer, Kristin - 1192 MT-PM, 286 WTh-PM, 502 WTh-PM
Gottib, Ian - 209 WTh-AM, 696 WTh-PM
Gotman, Jean - 308 MT-PM
Goto, Kotaro - **83 MT-AM**
Goto, Masami - 1325 MT-AM
Goto, Ryoji - 1452 WTh-PM, 1454 WTh-PM

Gottfried, Schlaug - 1317 MT-AM, 620 MT-PM
Gotwald, Thaddaeus - 306 MT-PM
Goudriaan, Anna - **259 WTh-AM**
Goudriaan, Anne - 257 WTh-AM, 262 WTh-PM
Gougoux, Frederic - 1566 WTh-PM
Goulas, Alexandros - 1044 MT-PM
Gould, Ian - **119 WTh-AM**, 120 WTh-PM
Goutouna, Viktoria-Eleni - 1423 WTh-AM
Gouzoulis-Mayfrank, Euphrosyne - 252 WTh-PM, 528 MT-PM, 1123 WTh-AM
Govindan, Rathinaswamy - 230 WTh-PM
Gowen, Emma - 1416 WTh-PM
Gowland, Penny - 1195 WTh-AM, 1351 WTh-AM, 1272 MT-PM
Goworek, Grzegorz - 1258 MT-PM
Goya-Maldonado, Roberto - 582 WTh-PM
Gozzi, Marta - **420 WTh-PM**
Graber, Harry - 861 MT-AM, 865 MT-AM
Grabner, Roland - **268 MT-PM**, **269 MT-AM**, **270 MT-PM**
Grabowski, Thomas - 1057 MT-AM, 1356 WTh-PM, 688 MT-PM
Grabski, Krystyna - **1027 WTh-AM**, **1518 MT-PM**
Gradinaru, Viviana - 728 WTh-PM
Grady, Cheryl - 1113 MT-AM, 1225 WTh-AM, 160 WTh-PM, 161 WTh-AM, 32 MT-PM
Grady, M Sean - 844 MT-PM
Graessel, David - 1462 WTh-PM
Graetsch, Melanie - 1184 WTh-PM
Graewe, Britta - **1509 MT-AM**
Graf, Heiko - **37 MT-AM**
Graf, Markus - 1277 MT-AM
Grafman, Jordan - 730 MT-PM
Grafton, Scott - 1166 WTh-PM, 1252 MT-PM, 32 WTh-PM, 814 MT-PM, 855 WTh-AM
Graham, Charlotte - 466 MT-PM
Graham, Naida - 310 WTh-PM
Graham, Simon - 1286 MT-PM, 1408 WTh-PM, 287 MT-AM, 1242 WTh-PM, 618 MT-PM
Grahm, Jessica - **1515 WTh-AM**
Gramann, Klaus - 292 MT-PM
Grambal, Ales - **441 MT-AM**
Gramfort, Alexandre - 1030 MT-PM, 1259 WTh-AM, **889 WTh-AM**
Grande, Marion - 329 WTh-AM
Graner, John - **454 WTh-PM**
Granger, Brian - 816 MT-PM
Grant, Joshua - **1406 MT-PM**
Grant, Margaret - 1440 MT-PM
Grant, P Ellen - 1334 WTh-PM
Grant, Sarah - 1484 WTh-PM
Grantcharov, Teodor - 1286 MT-PM
Granziera, Cristina - 141 WTh-AM, 862 WTh-PM
Grasman, Raoul - 1009 MT-AM, 1212 MT-PM, **1241 WTh-AM**
Grasset, François - 493 WTh-AM
Gratacos, Eduard - 1145 MT-AM, 1344 WTh-PM
Gratacós, Mónica - 414 MT-PM
Gratacós-Solsona, Eduard - 460 WTh-PM, 480 WTh-PM
Gratcheva, Larisa - 591 WTh-AM
Gratton, Caterina - 106 MT-PM, **107 MT-AM**
Gratton, Gabriele - 1293 WTh-AM
Grau, Carles - 1116 MT-PM, 1299 MT-AM
Grave de Peralta Menendez, Rolando - **1409 WTh-AM**, 551 WTh-AM, 581 WTh-AM, **897 WTh-AM**
Gray, William - **1361 WTh-AM**, 1249 WTh-AM
Graziadio, Sara - **617 MT-AM**
Greco, Giovanni - 132 MT-PM
Grecucci, Alex - 113 WTh-AM
Green, Alex - 1439 MT-AM, 1495 WTh-AM, 24 MT-PM, 25 MT-AM, 487 MT-AM, 488 MT-PM
Green, Amity - 385 WTh-AM
Green, Chloe - 207 WTh-AM
Green, Erin - **656 MT-PM**, 683 MT-AM, 691 MT-AM

Green, Jessica - 909 WTh-AM
Green, Kevin - 1567 WTh-AM
Green, Melissa - 491 MT-AM
Green, Robin - 720 MT-PM
Green, Sophie - **730 MT-PM**
Greenberg, Joel - 837 MT-AM, 844 MT-PM, 605 MT-AM
Greenhouse, Ian - **54 MT-PM**
Greenlee, Mark - 1152 WTh-PM, 1470 MT-PM, **1482 MT-PM**, 313 MT-AM, 315 MT-AM, 1028 MT-PM
Greenstein, Deanna - 514 MT-PM, 725 WTh-AM
Greenwald, Margaret - 1569 MT-AM
Greenwood, Carol - 833 MT-AM
Greenwood, Richard - 453 WTh-AM
Greewood, Richard - 451 WTh-AM
Grefkes, Christian - 1253 MT-AM, 2 WTh-PM, 36 MT-PM, 591 MT-AM, 592 MT-PM, 598 MT-PM
Gregory, Michael - 1346 WTh-PM
Greicius, Michael - 1312 WTh-PM, 378 WTh-PM
Greiner, Susanne - 1289 WTh-AM
Grethe, Jeffery - 960 WTh-PM
Greve, Doug - 1491 WTh-AM
Greve, Douglas - **1318 WTh-PM**, 376 WTh-PM, 384 WTh-PM, 499 MT-AM, 994 MT-PM
Grewal, Ratvinder - 1501 MT-AM
Grey, Michael - 1264 MT-PM
Grieder, Matthias - 359 WTh-AM
Griego, Jacqueline - **677 MT-AM**
Griffiths, Gary - 842 WTh-PM
Grigg, Omer - **32 MT-PM**
Grillon, Christian - 686 WTh-PM
Grimault, Stephan - 962 MT-PM, 963 MT-AM
Grimm, Oliver - 367 MT-AM, **396 MT-PM**, 547 WTh-AM, 654 WTh-PM
Grimm, Sabine - 1514 WTh-PM, 1531 WTh-AM, **1532 WTh-PM**
Grinstead, John - 814 WTh-PM, 815 WTh-AM
Grisan, Enrico - 1381 WTh-AM
Grishina, Galina - 1305 MT-AM
Grivel, Jeremy - 264 MT-PM
Grodd, Wolfgang - 1062 WTh-PM, 1257 MT-AM, 1374 MT-PM, 142 MT-PM, 1516 MT-PM, 1525 MT-AM, 282 MT-PM, 284 MT-PM, 496 WTh-PM, 618 WTh-PM, 633 WTh-AM, 198 MT-PM
Grodzinsky, Yosef - 329 WTh-AM
Groenewegen, Henk - 352 MT-PM
Groening, Kristina - 1261 WTh-AM
Groetzing, Katharina - 55 MT-AM
Grol, Meike - 1036 MT-PM
Grön, Georg - 101 MT-AM, 114 MT-PM, 37 MT-AM, 5 WTh-AM, 694 MT-PM
Gronchi, Aline - 306 WTh-PM
Gron, Ursina - 267 MT-AM
Groom, Madeleine - 505 WTh-AM
Grosbras, Marie-Helene - 1550 WTh-PM, 99 WTh-AM, **1418 WTh-PM**
Grosenick, Logan - **1267 WTh-AM**
Gross, Joachim - 1060 WTh-PM, 131 WTh-AM, 1421 MT-AM, 1554 WTh-PM
Gross, William - **1078 WTh-PM**
Grossman, Emily - 895 MT-AM
Grossman, Murray - 1043 WTh-AM
Groth, Katarina - **1575 MT-AM**
Grotz, Thimo - 1335 WTh-AM
Grouiller, Frédéric - 1527 MT-AM, **317 MT-AM**
Group, The Brain Development Cooperative - 1456 WTh-PM
Grossard, Mathilde - **901 MT-AM**
Grova, Christophe - 1010 WTh-PM
Groves, Adrian - 1085 MT-AM, **1091 MT-AM**
Growdon, Matthew - 378 WTh-PM
Gruber, Oliver - 35 MT-AM, 513 MT-AM, 610 WTh-PM, **713 WTh-AM**, 72 WTh-PM, 136 MT-PM, 714 WTh-PM, 89 WTh-AM

Gruber, Susanne - 1081 MT-AM, 1463 MT-AM, 956 WTh-PM, 957 WTh-AM
Gruetter, Rolf - 1443 MT-AM
Gruetzmann, Rosa - 421 MT-AM
Gruetzner, Christine - 135 MT-AM
Gruis, Kristen - 1313 MT-AM, 1316 MT-PM
Gründer, Gerhard - 667 MT-AM, 675 MT-AM
Grundler, Theo - 58 MT-PM
Grupe, Dan - **674 WTh-PM**
Grzadzinski, Rebecca - 426 WTh-PM
Gschwind, Markus - 740 MT-PM
Gu, Hong - 287 WTh-AM, 946 WTh-PM, 283 WTh-AM
Guazzelli, Mario - 350 MT-PM
Gudkov, Vladimir - 993 MT-AM
Gudziol, H - 1548 WTh-PM
Guendler, Vera - 30 WTh-PM
Guerin, Scott - 1213 WTh-AM
Guerraschi, Michele - 749 MT-AM
Guerrini, Renzo - 324 MT-PM
Guevara, Pamela - **847 WTh-AM**, 1368 MT-PM
Gugler, Manfred - **1082 WTh-PM**
Guibaud, Laurent - 797 WTh-AM
Guidotti, Leslie - 390 WTh-PM
Guiliani, Fabienne - 493 WTh-AM
Guillaume, Marrelec - 1034 MT-PM, 1138 WTh-PM
Guillen, Francisco - 260 MT-PM
Guilloteau, Denis - 478 MT-PM
Guimond, Synthia - 962 MT-PM, **963 MT-AM**
Guinet, Eric - 1154 WTh-PM
Guitart-Masip, Marc - **655 MT-AM**
Guizard, Nicolas - 1352 WTh-PM
Guldenmund, Pieter - **183 MT-AM**
Guler, Ozgun - **226 WTh-PM**
Guller, Yelena - **3 WTh-AM**
Gunn, Roger - 633 MT-AM
Gunnar, Megan - 1424 WTh-PM, 238 WTh-PM
Gunning-Dixon, Faith - 1317 WTh-AM
Günter, Michael - 496 WTh-PM
Gunter, Thom - 1111 WTh-AM
Gunther Moor, Bregtje - 636 MT-PM, **748 MT-PM**
Guntupalli, Jyothi Swaroop - **1292 WTh-PM**
Guo, Rui-fang - 1563 MT-AM
Guo, Wan-You - 838 WTh-PM
Guo, Xiaodong - 950 WTh-PM
Guo, Yandong - 1320 WTh-PM
Gur, Ruben - 507 MT-AM, 718 MT-PM, 381 MT-AM
Güro lu, Berna - 636 MT-PM, 748 MT-PM, **549 WTh-AM**
Guse, Birgit - **513 MT-AM**
Gusnard, Debra - 1047 MT-AM, 1183 MT-AM, **410 WTh-PM**
Gutbrod, Klemens - 337 MT-AM
Guthoff, Martina - 1393 MT-AM
Gutiérrez, Ricardo - 1076 WTh-PM, 928 MT-PM
Gutman, Boris - **1072 MT-PM**, 1460 WTh-PM, 497 MT-AM
Gutman, David - 1376 MT-PM
Gutschalk, Alexander - 1012 WTh-PM, 202 MT-PM
Gutyrychik, Evgeny - 1222 WTh-PM, 1285 MT-AM, **164 MT-PM**, 46 MT-PM, 613 WTh-AM
Guye, Maxime - 963 WTh-AM, 331 MT-AM
Guyer, Amanda - 641 MT-AM
Guzmán de Villoria, Juan - 221 WTh-AM, 243 MT-AM, 873 MT-AM, 891 MT-AM

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Haak, Koen - 220 MT-PM
Haala, Ilka - 326 WTh-PM
Haas, Brian - **645 WTh-AM**
Haase, Lori - 656 MT-PM, **683 MT-AM**, 691 MT-AM
Habas, Piotr - 1220 MT-PM, 1221 MT-AM, **1359 WTh-AM**, 790 WTh-PM

Habel, Ute - 394 MT-PM, 595 WTh-AM, 598 WTh-PM, 599 WTh-AM, 712 MT-PM, 735 MT-AM, 1019 WTh-AM, 395 WTh-AM, 1251 WTh-AM, 381 MT-AM, 387 MT-AM, **392 MT-PM**, 562 MT-PM, 672 WTh-PM, 718 MT-PM, 737 MT-AM
Häberlin, Maximilian - 921 WTh-AM
Haberling, Isabelle - 1333 MT-AM
Habermehl, Christina - **846 MT-PM**
Habermeier, Benedikt - **1536 WTh-PM**
Habert, Marie-Odile - 1268 WTh-PM
Habib, Benali - 1034 MT-PM, 1138 WTh-PM, 1141 WTh-AM
Hackmack, Kerstin - **1254 WTh-PM**, 271 WTh-AM
Haddad, Leila - **654 WTh-PM**
Haendel, Barbara - **126 WTh-PM**
Haenggi, Jürgen - 810 WTh-PM, 1419 MT-AM
Haenschel, Corinna - 536 MT-PM
Haffenden, Angela - 482 MT-PM
Hägele, Claudia - 389 MT-AM
Hageman, Nathan - 582 MT-PM
Hagler, Donald - 311 MT-AM, 574 MT-PM
Hagmann, Patric - 1030 MT-PM, 1320 MT-PM, 1422 WTh-PM, 862 WTh-PM, 908 MT-PM, 1366 MT-PM, 1493 WTh-AM, 503 WTh-AM
Hagoort, Peter - 1032 WTh-PM, 1056 WTh-PM, 1067 WTh-AM, 1102 WTh-PM, 1524 MT-PM, 1562 WTh-PM, 1063 WTh-AM, 1073 WTh-AM, 1086 WTh-PM
Hahm, Jarang - **322 MT-PM**
Hahn, Andreas - **1373 WTh-AM**, 425 MT-AM, 890 MT-PM
Hahn, Tim - 1277 WTh-AM, 717 WTh-AM
Haider, Hilde - 1130 WTh-PM
Haile, Inqutatash - 931 WTh-AM
Hailla, Nora - **400 MT-PM**, 605 WTh-AM
Hailiy, Ayichew - 427 WTh-AM
Haiman, Guy - 110 WTh-PM
Hainz, Daniela - 723 MT-AM
Hairston, Ilana - **275 WTh-AM**
Haiss, Florent - 1260 WTh-PM
HAIST, FRANK - **185 MT-AM**
Haitova, Petra - **70 WTh-PM**
Hajcak, Greg - 668 WTh-PM
Hakimi, Shabnam - 1401 WTh-AM
Halamek, Josef - 214 MT-PM
Halari, Rozmin - 220 WTh-PM, 470 WTh-PM
Haichenko, Yaroslav - 819 MT-AM
Hale, Joanne - 796 MT-PM
Haley, Andreana - **163 WTh-AM**
Halgren, Eric - 100 MT-PM, 1534 WTh-PM, 1591 MT-AM, 311 MT-AM
Halje, Pär - **159 MT-AM**
Hall, Jeremy - 400 WTh-PM, 420 MT-PM, 575 MT-AM, 715 WTh-AM, 748 WTh-PM
Hall, Judith - 875 MT-AM
Hall, Timothy - 18 WTh-PM
Hallak, Jaime - 158 MT-PM
Hallam, Glyn - **606 WTh-PM**
Hallett, Mark - 11 WTh-AM, 461 MT-AM, 485 MT-AM
Halwani, Gus - **1340 MT-PM**
Ham, Michael - 1507 MT-AM
Ham, Timothy - **93 MT-AM**
Hama, Tomoko - 680 WTh-PM
Hamada, Koichiro - 26 MT-PM
Hämäläinen, Heikki - 46 WTh-PM
Hamalainen, Matti - 1363 MT-AM, 1465 MT-AM
Hamann, Stephan - 622 MT-PM
Hamdy, Shaheen - 1356 MT-PM
Hamilton, Antonia - 32 WTh-PM, 66 MT-PM
Hamilton, Liberty - 582 MT-PM
Hamilton, Roy - 14 WTh-PM
Hamm, Alfons - 574 WTh-PM, 636 WTh-PM, 651 WTh-AM
Hamm, Jordan - **561 MT-AM**
Hammond-Rosenbluth, Kathryn - 303 WTh-AM
Hampel, Harald - 343 WTh-AM

Hampson, Michelle - 115 MT-AM
Hamrick, Shannon - 843 MT-AM
Hamza, Samar - 481 MT-AM
Hamzavi, Yasmin - 472 WTh-PM
Hamzei, Farsin - 1318 MT-PM, 9 WTh-AM
Han, Hyun Jeong - 385 WTh-AM
Han, Ji Yeon - 515 MT-AM, 791 WTh-AM, 1136 WTh-PM
Han, Kihwan - 1284 WTh-PM, **1299 WTh-AM**
Han, Seol-Heui - 362 WTh-PM
Han, Ying - **324 WTh-PM**, 324 WTh-PM
Han, Yoon - **1105 WTh-AM**
Han, Yu - 423 MT-AM, 424 MT-PM
Han, Zaizhu - 1031 WTh-AM, 1042 WTh-PM
Hanakawa, Takashi - 1100 WTh-PM, 653 WTh-AM, 952 WTh-PM
Hance, Dalton - 837 MT-AM
Handjaras, Giacomo - 1053 MT-AM, **132 WTh-PM**
Handley, Rowena - 519 MT-AM
handley, rowena - **564 MT-PM**
Handwerker, Daniel - 1191 MT-AM, **1193 MT-AM**, 1256 WTh-PM
Hänggi, Jürgen - 1520 MT-PM, 374 MT-PM
Hanke, Michael - 118 MT-PM
Hannula, Minna M. - **274 MT-PM**
Hannus, Sinikka - 462 WTh-PM
Hans, Gregory - 147 MT-AM
Hansell, Narelle - 744 WTh-PM
Hansen, Lars - 1298 WTh-PM, 1307 WTh-AM
Hansen, Lars Kai - 1291 WTh-AM
Hansen, Peter - 762 MT-PM, 1584 MT-PM, 82 WTh-PM, 1439 MT-AM, 1495 WTh-AM, 24 MT-PM, 25 MT-AM, 487 MT-AM, 488 MT-PM
Hansen, Toke Jansen - **1291 WTh-AM**
Hanslmayr, Simon - **1152 WTh-PM**, 1470 MT-PM, 1172 WTh-PM
Hanson, Catherine - 429 WTh-AM
HANSON, Stephen - **429 WTh-AM**
Hanson, Tim - 454 MT-PM
Hantke, Nathan - 390 WTh-PM
Hantschk, Irmgard - 530 MT-PM
Hao, Xuejun - 368 MT-PM
Hao, Yihui - 560 MT-PM
HARADA, MASAFUMI - **845 MT-AM**
Harada, Tokiko - 1150 WTh-PM
Hardan, Antonio - 397 WTh-AM, 412 WTh-PM
Hardaway, Rashad - 612 WTh-PM
Hardikar, Samyogita - 162 MT-PM
Harding, Ian - **276 WTh-PM**, 299 WTh-AM, **90 MT-PM**
Haroon, David - 1277 WTh-AM
Hare, Robert - 708 MT-PM, 716 MT-PM
Hare, Todd - 225 WTh-AM, **545 WTh-AM**
Harel, Michal - 223 MT-AM
Harel, Noam - 1231 WTh-AM, **18 MT-PM**, 867 WTh-AM
Harenski, Carla - 576 WTh-PM
Harezlak, Jaroslaw - 1488 WTh-PM, 344 WTh-PM, **377 WTh-AM**, 382 WTh-PM, 860 MT-PM
Hari, Riitta - 1099 MT-AM, 222 MT-PM, 1004 WTh-PM, 1424 MT-PM, 1461 MT-AM, 153 MT-AM, 959 WTh-AM, 997 WTh-AM
Hariri, Ahmad - 547 MT-AM
Hariz, Marwan - 456 MT-PM
Harmer, Catherine - 349 MT-AM
Haroon, Hamed - 1338 MT-PM, **829 WTh-AM**, 1335 MT-AM, 1356 MT-PM
Harpaz, Tamar - 1055 WTh-AM
Harris, Ashley - 1024 MT-PM, 1208 WTh-PM
Harris, Gregory - 1393 WTh-AM
Harris, Philip - **562 WTh-PM**
Harris, Richard - 1435 MT-AM, 1438 MT-PM
Harris, Sam - 1308 WTh-PM
Harrison, Ben - 355 MT-AM, 90 MT-PM, 1168 WTh-PM, 380 MT-PM, 401 MT-AM

Harrison, Joseph - 1477 MT-AM
Hartberg, Cecilie - 574 MT-PM
Hartinger, Beate - **408 MT-PM**, 433 MT-AM, 737 WTh-AM
Hartley, Tom - 162 MT-PM
Hartman, David - 1239 WTh-AM
Hartmann, Andreas - 468 WTh-PM
Hartmann, Antonie - 694 MT-PM
Hartwig, Valentina - 1262 MT-PM
Hartwigsen, Gesa - **1034 WTh-PM**, **1519 MT-AM**
Harvey, Ben - **1491 MT-AM**
Harvey, Danielle - 360 WTh-PM
Harvey, Monika - 99 WTh-AM
Harwell, John - 1465 WTh-AM
Hasan, Alkomiet - 713 WTh-AM
Hasani-Abharian, Peyman - 289 WTh-AM
Haselgrove, Christian - 486 WTh-PM, **784 WTh-PM**, 960 WTh-PM
Hasher, Lynn - 1576 WTh-PM, 161 WTh-AM
Hashikawa, Tsutomu - 1441 WTh-AM
Hashimoto, Teruo - **1108 WTh-PM**
Hashizume, Hiroshi - 1426 WTh-PM, 180 MT-PM, **200 WTh-PM**, 714 MT-PM, 899 MT-AM, 1421 WTh-AM
Haslinger, Bernhard - 473 MT-AM
Hassel, Stefanie - **431 MT-AM**
Hasson, Uri - 1085 WTh-AM, 1520 WTh-PM, 947 MT-AM, 1333 WTh-AM
Hatami, Zeinab - 1429 MT-AM
Hatano, Masaharu - **352 WTh-PM**
Hatch, John - 376 MT-PM
Hathaway, Amanda - 428 MT-PM
Hattori, Hideyuki - 369 WTh-AM, 379 WTh-AM
Hauelsen, Jens - 1009 WTh-AM
Hauert, Claude-Alain - 200 MT-PM, 206 WTh-PM, 283 MT-AM
Hauf, Martinus - 336 MT-PM, **337 MT-AM**
Hauk, Olaf - 142 WTh-PM
Haukvik, Unn - 574 MT-PM
Haun, Daniel - 276 MT-PM
Hausfeld, Lars - **1274 WTh-PM**
Häusler, Daniela - 890 MT-PM
Hausmann, Markus - 291 MT-AM
Hausner, Thomas - 1463 MT-AM
Havas, Viktoria - **1578 MT-PM**
Havlicek, Martin - **972 MT-PM**
Hawe, Rachel - **856 WTh-PM**
Hawelka, Stefan - 1572 MT-PM
Hawkinson, Jon - 403 MT-AM
Hawley, Amy - 435 WTh-AM
Haxby, James - 1143 MT-AM, 1292 WTh-PM, 132 WTh-PM
Hayasaka, Kazumasa - 1030 WTh-PM
Hayasaka, Satoru - 1316 WTh-PM, **735 WTh-AM**, 923 WTh-AM, 973 MT-AM, 992 MT-PM
Hayashi, Naoto - 1351 MT-AM
Hayashi, Ryosuke - 1275 MT-AM
Hayashi, Takuya - 1366 WTh-PM
Hayes, Laura - 1336 MT-PM
Haynes, John-Dylan - 1254 WTh-PM, 1486 MT-PM, 271 WTh-AM, 59 MT-AM, 759 MT-AM
Haynes, M Ryan - **523 WTh-AM**, 689 MT-AM, 772 MT-PM
Hazlett, Erin - 570 MT-PM, 571 MT-AM
Haznedar, M - 570 MT-PM, 571 MT-AM
He, Bin - 303 MT-AM, 790 MT-PM, **886 WTh-PM**
He, Biyu - **1396 MT-PM**
He, Guojun - 285 WTh-AM
He, HuiGuang - 1344 MT-PM, 1439 WTh-AM, 1440 WTh-PM, 400 MT-PM, 427 MT-AM
He, Kim-Yuan - 40 WTh-PM
He, Qinghua - 1583 MT-AM
He, Yifei - 1040 WTh-PM
He, Yong - 309 WTh-AM, 297 MT-AM, 1018 MT-PM, **1018 MT-PM**, 1235 WTh-AM, **178 WTh-PM**, 178 WTh-PM, 324 WTh-PM, 997 MT-AM, **997 MT-AM**, 1485 WTh-AM

He, Yu - 1518 WTh-PM
Hearst, Adelaide - 525 MT-AM
Heathcote, Andrew - 123 MT-AM, 576 MT-PM
Hébert-L., Noémie - **1498 MT-PM**
Hebrank, Andrew - 156 WTh-PM
Heck, Patrick - 1066 WTh-PM
Hedden, Trey - 384 WTh-PM
Hedstrom, Grady - 823 MT-AM
Heeger, David - 947 MT-AM
Heekeren, Hauke - 163 MT-AM, 417 MT-AM, 681 WTh-AM, 778 MT-PM, 82 MT-PM
Heekeren, Karsten - 528 MT-PM
Hegenloh, Michael - 430 WTh-PM
Hegerl, Ulrich - 530 MT-PM, 1362 MT-PM
Heidemann, Robin - 1324 WTh-PM, 1387 WTh-AM, **801 WTh-AM**, **912 WTh-PM**
Heijblom, Michelle - **878 WTh-PM**
Heilbronner, Urs - 524 WTh-PM
Heileman, Gregory - 1223 WTh-AM
Heim, Stefan - **329 WTh-AM**
Hein, Grit - **746 MT-PM**
Heindel, Walter - 847 MT-AM, 628 WTh-PM
Heinen, Klaartje - 951 MT-AM, **143 WTh-AM**
Heinke, Wolfgang - 1020 MT-PM
Heinz, Andreas - 1145 WTh-AM, 246 WTh-PM, 265 WTh-AM, 272 WTh-PM, 273 WTh-AM, 277 WTh-AM, 389 MT-AM, 489 MT-AM, 639 WTh-AM, 661 MT-AM, 707 WTh-AM
Heinze, Katharina - **248 MT-PM**
Heinzel, Sebastian - **717 WTh-AM**
Heinze, Jakob - **1486 MT-PM**, 759 MT-AM
Heissler, Janine - 604 WTh-PM, **418 MT-PM**
Heisz, Jennifer - **1181 WTh-AM**
Heitger, Marcus - **1239 MT-AM**, **436 WTh-PM**
Heitzeg, Mary - 270 WTh-PM, 275 WTh-AM, 288 WTh-PM, **291 WTh-AM**
Helbig, Hannah - 1277 MT-AM
Helenius, Päivi - **462 WTh-PM**
Heller, Aaron - 402 MT-PM
Hello, Brian - 248 WTh-PM
Helmer, Catherine - 1447 WTh-AM
Helms, Gunther - 1383 MT-AM, 758 WTh-PM, **779 WTh-AM**, 795 WTh-AM
Hepner, Joseph - 830 WTh-PM
Hemasilphin, Nat - 309 MT-AM
Hemasilpin, Nat - 310 MT-PM
Hembacher, Emily - 15 MT-AM
Hénaff, Marie-Anne - 372 WTh-PM, 685 WTh-AM
Henckens, Marloes - **616 WTh-PM**
Henderson, Antony - 511 MT-AM
Henderson, James - **984 MT-PM**
Hendler, Talma - 110 WTh-PM, 627 MT-AM, 736 MT-PM, 1119 WTh-AM, 65 MT-AM, 1283 WTh-AM, 661 WTh-AM, 764 MT-PM
Heni, Martin - 649 MT-AM
Henik, Avishai - 212 WTh-PM
Henke, Katharina - 189 WTh-AM
Henle, Christian - 894 WTh-PM
Henley, Susie - 479 MT-AM
Hennah, William - 715 WTh-AM
Henne, Birthe - 688 WTh-PM
Hennerici, Michael - 180 WTh-PM, 360 MT-PM
Hennig, Juergen - 1248 WTh-PM, 1500 MT-PM
Hennig, Jürgen - 1244 WTh-PM, 1255 MT-AM, 1335 WTh-AM
Hennig-Fast, Kristina - **430 WTh-PM**, **439 MT-AM**
Henniger, Nancy - 1404 WTh-PM
Henry, Luke - **1380 MT-PM**, 441 WTh-AM
Henry, Melissa - 209 WTh-AM
Henry, Roland - 445 WTh-AM, 599 MT-AM, 836 WTh-PM, 874 WTh-PM
Henry, Thomas - **338 MT-PM**
Henseler, Ilona - 1020 MT-PM, **35 MT-AM**

Hensley, Harvey - **53 MT-AM**
Henson, Richard - 1097 WTh-AM, 1158 WTh-PM, 1164 WTh-PM, 1478 MT-PM, 1487 WTh-AM, 161 MT-AM
Henzi, Barbara - 267 MT-AM
Hepburn, Susan - 414 WTh-PM, 423 WTh-AM
Hepp-Reymond, Marie-Claude - 1278 MT-PM
Herance, Raul - 1389 MT-AM
Herath, Priyantha - 485 MT-AM
Herdener, Marcus - **1519 WTh-AM**, 1536 WTh-PM
Hermann, Andrea - 583 WTh-AM, **663 WTh-AM**
Hermann, Christiane - 244 MT-PM, 245 MT-AM
Hermann, Derik - 246 WTh-PM, 272 WTh-PM, 277 WTh-AM, 707 WTh-AM
Hermans, Erno - 575 WTh-AM, 758 MT-PM, **585 WTh-AM**
Hermisson, Igor - 530 MT-PM
Hernandez, Arturo - 1082 WTh-PM
hernandez, isabel - 149 MT-AM
Hernandez, Leanna - **239 WTh-AM**, 223 WTh-AM
Hernandez-Cabrera, Juan - 929 WTh-AM
Hernandez-Garcia, Luis - 1109 MT-AM, 1287 WTh-AM, 1358 WTh-PM, **18 WTh-PM**, 884 MT-PM, **885 MT-AM**, **944 MT-PM**
Hernández-González, Gertrudis - 1450 WTh-PM
Hernández-Ribas, Rosa - 401 MT-AM, 380 MT-PM, 414 MT-PM, 415 MT-AM
Hernández-Tamames, Juan Antonio - 820 WTh-PM, **1549 WTh-AM**, **887 MT-AM**, 340 WTh-PM, 446 WTh-PM, 78 MT-PM, **871 MT-AM**
Herning, Ronald - **292 WTh-PM**
Hernowo, Aditya - 1472 MT-PM
Herpertz-Dahlmann, Beate - 562 MT-PM
Herrington, John - 416 WTh-PM, **206 MT-PM**
Herrnberger, Bärbel - 1148 WTh-PM
Herron, Timothy - 1535 WTh-AM, 779 MT-AM
Hertz, Uri - **1583 WTh-AM**
Hertz-Pannier, Lucie - 593 MT-AM, 788 WTh-PM
Hervais-Adelman, Alexis - **1527 MT-AM**, 908 MT-PM
Hervé, Pierre-Yves - 932 WTh-PM, 1539 WTh-AM
Herwig, Uwe - 374 MT-PM
Herzig, Roman - 468 MT-PM
Herzog, Hans - 800 MT-PM, 889 MT-AM
Herzog, Michael - 1275 WTh-AM
Heskes, Tom - 1273 WTh-AM
Hess, Aaron - 1163 MT-AM
Hess, Christian - 613 MT-AM
Hess, Christopher - 303 WTh-AM
Hesselmann, Guido - **155 MT-AM**
Hester, Robert - 67 MT-AM, **34 MT-PM**, 1199 MT-AM
Hétu, Sébastien - **1283 MT-AM**
Heukamp, Franz - 511 WTh-AM, 546 WTh-PM, 564 WTh-PM
Heuninckx, Sofie - 1434 WTh-PM
Heuser, Isabella - 417 MT-AM
Heverhagen, Johannes - 1330 MT-PM, 452 MT-PM, 743 MT-AM, 744 MT-PM
Hevey, Matthew - 1565 WTh-AM
Hewig, Johannes - 510 MT-PM
Hey, Patric - 164 WTh-PM
Heydrich, Lukas - **1574 WTh-PM**, 201 MT-AM
Hibar, Derrek - 319 WTh-AM, 356 WTh-PM, 703 WTh-AM, 354 WTh-PM, 360 WTh-PM
Hickie, Ian - 1196 MT-PM, 1372 MT-PM
Hicks, Stephen - 1349 MT-AM
Hida, Akiko - 653 WTh-AM
Hietala, Jarmo - 1435 WTh-AM
Hietanen, Jari - 690 WTh-PM
Higgins, Johanne - 6 WTh-PM
Higier, Rachel - 584 MT-PM, **933 MT-AM**
Higuchi, Tomoko - 26 MT-PM
Hilber, Klio - 1409 MT-AM
Hilbert, Kevin - 620 WTh-PM
Hildebrandt, Helmut - 52 MT-PM
Hilker, Ruediger - 21 MT-AM

Hillebrand, Arjan - 492 MT-PM
Hilty, Lea - **1411 MT-AM**
Himmel, Matthias - 463 MT-AM
Hindi Attar, Catherine - **584 WTh-PM**
Hinds, Oliver - 1186 MT-PM, **1163 MT-AM, 294 WTh-PM, 941 WTh-AM, 268 WTh-PM, 293 WTh-AM**
Hinkley, Leighton - **1013 WTh-AM, 484 MT-PM, 914 MT-PM**
Hinrichs, Hermann - 917 MT-AM
Hinvest, Neal - **554 WTh-PM**
Hirnstein, Marco - 291 MT-AM
Hirose, Satoshi - 38 MT-PM
Hirt, Melissa - 474 WTh-PM
Hirvenkari, Lotta - 997 WTh-AM, **1004 WTh-PM**
Hiura, Mikio - 447 WTh-AM
Hjelmervik, Helene - 1064 WTh-PM, **291 MT-AM**
Hlavata, Hana - 1546 WTh-PM, 324 MT-PM
Hlinka, Jaroslav - **1051 MT-AM, 1239 WTh-AM**
Hlushchuk, Yevhen - 1424 MT-PM
Hluštík, Petr - 441 MT-AM, **468 MT-PM**
Ho, April - **319 WTh-AM, 703 WTh-AM, 726 WTh-PM, 305 WTh-AM**
Ho, Beng-Choon - 499 MT-AM, 527 MT-AM
Ho, Ming-Chung - 311 WTh-AM
Ho, Moon-Ho Ringo - 1579 MT-AM
Ho, Shao-Shuan - 385 MT-AM
Hock, Bettina - 57 MT-AM
Hodaie, Mojgan - 190 WTh-PM
Hodel, Amanda - **1424 WTh-PM, 680 MT-PM**
Hodge, Steven - 486 WTh-PM, 784 WTh-PM
Hodgkinson, Colin - 301 WTh-AM, 650 MT-PM
Hodgson, Tim - 554 WTh-PM
Hodis, Brendan - 1057 MT-AM
Hodneland, Erlend - 196 WTh-PM
Hoeft, Fumiko - 474 WTh-PM, 645 WTh-AM
Hoehn, David - 440 MT-PM
Hoehn, Fabian - 1401 WTh-AM
Hoek, Hans Wijbrand - 549 MT-AM
Hoekert, L.M. - 13 WTh-AM
Hoekzema, Elseine - **1389 MT-AM, 533 MT-AM, 632 MT-PM, 909 MT-AM**
Hoen, Michel - 1041 WTh-AM
Hoenig, Klaus - **1148 WTh-PM**
Hoeren, Markus - **1318 MT-PM**
Hoffa, Angela - 1508 MT-PM
Hoffman, Elana - **1501 WTh-AM**
Hoffman, Jordan - 15 MT-AM
Hoffman, Lauren - 223 WTh-AM
Hoffman, William - **269 WTh-AM**
Hoffmann, Kurt - 1462 WTh-PM
Hoffstaedter, Felix - **36 MT-PM**
Hofmaier, Tina - 408 MT-PM
Hofman, Dennis - **35 WTh-AM**
hofstetter, shir - **907 MT-AM, 911 MT-AM**
Hoge, Richard - 1384 MT-PM
Hoge, Richard D. - 874 MT-PM
Hoge, Scott - 922 WTh-PM
Hoh, Carl - 406 MT-PM
Hohagen, Fritz - 371 MT-AM
Hohl, Eva-Maria - 591 MT-AM
Holahan, John - 835 WTh-AM
Holcomb, Catherine - 537 WTh-AM
Holcomb, Henry - 677 MT-AM
Holcomb, Phillip - 1523 MT-AM
Holden, Jameson - 41 WTh-AM
Hölig, Cordula - **1579 WTh-AM**
Holland, Scott - 1020 WTh-PM, 1022 WTh-PM, 1061 WTh-AM, 1069 WTh-AM, 817 MT-AM, 884 MT-PM
Holle, Henning - 1036 WTh-PM, 82 MT-PM
Holliday, Ian - **1008 WTh-PM**
Höllinger, Ilse - 1079 MT-AM, 1080 MT-PM, **1081 MT-AM, 1463 MT-AM, 956 WTh-PM, 957 WTh-AM**
Hollis, Chris - 505 WTh-AM
Hollmann, Maurice - 1404 WTh-PM, **532 WTh-PM**
Hollnagel, Christoph - 1278 MT-PM
Holroyd, Tom - 1170 WTh-PM, 66 WTh-PM
Holsboer, Florian - 440 MT-PM
Holt, Daphne - 499 MT-AM
Holtz, Katharina - **651 WTh-AM**
Holtze, Susanne - 1446 MT-PM, 1462 MT-PM, 846 MT-PM
Holtzheimer, Paul - 1006 MT-PM, 1376 MT-PM
Homae, Fumitaka - 1022 MT-PM
Hommel, Marc - 1298 MT-PM
Hommer, Daniel - 513 WTh-AM, 530 WTh-PM, **553 WTh-AM, 1207 WTh-AM, 626 MT-PM**
Hommet, Caroline - 1565 MT-AM
Homola, György - 1367 MT-AM
Hon, Nicholas - **81 MT-AM**
Honda, Manabu - 1100 WTh-PM, 653 WTh-AM, 952 WTh-PM
Honey, Christopher - 1520 WTh-PM, **947 MT-AM**
Honeycutt, Nancy - 578 MT-PM
Hong, Cheol-Pyo - 1342 MT-PM, 1345 MT-AM, 1353 MT-AM
Hong, Elliot - **301 WTh-AM**
Hong, Ji Heon - 438 WTh-PM, 604 MT-PM, **808 WTh-PM, 809 WTh-AM, 1248 MT-PM**
Hong, Su Jin - 1054 WTh-PM, 197 MT-AM
Honoré, Pieterjan - 1240 MT-PM, 1271 MT-AM
Hoogenboom, Nienke - **1060 WTh-PM, 116 WTh-PM, 55 WTh-AM**
Hoogendam, Janna Marie - 395 MT-AM
Hoogendijk, Witte - 719 WTh-AM
Hoogman, Martine - **730 WTh-PM**
Hope-Urwin, Alexandra - 546 MT-PM, 551 MT-AM
Hopf, Laura - 1003 WTh-AM, **1126 WTh-PM**
Hopkins, William - 1529 MT-AM
Hoppenbrouwers, Sylco - 35 WTh-AM
Hoptman, Matthew - 1317 WTh-AM
Horaguchi, Takahiro - 285 MT-AM
Horn, Andrea - 519 WTh-AM
Horn, Andreas - **1058 WTh-PM, 182 MT-PM**
Horn, Dorothea - 1397 WTh-AM, 400 MT-PM, **427 MT-AM, 605 WTh-AM, 810 WTh-PM**
Horn, Peter - 1188 MT-PM, 486 MT-PM
Hornbeck, Russ - 410 WTh-PM
Hornbøll, Bettina - 506 WTh-PM
Horner, Aidan - **1158 WTh-PM**
Horoshenkov, Kirill - 1571 WTh-AM
Horovitz, Silvina - 461 MT-AM
Horowitz-Kraus, Tzipi - **43 MT-AM**
Horstmann, Annette - 308 WTh-PM, 1004 MT-PM, 1328 MT-PM, **245 WTh-AM**
Horton, Andrew - 501 MT-AM
Horvath, Steve - 1017 MT-AM
Horwitz, Barry - 1133 MT-AM, 1170 WTh-PM, 1533 MT-AM, 601 WTh-AM
Hosanagar, Avinash - 514 MT-PM
Hoshi, Yoko - 1397 MT-AM, **205 WTh-AM, 83 MT-AM**
Hosoda, Chihiro - **1100 WTh-PM, 447 WTh-AM**
Hossein-Zadeh, Gholam-Ali - 1113 MT-AM
Hosseini, Hadi - 939 MT-AM
HOSSU, Gabriela - 767 WTh-AM
Hotchkiss, Gord - 908 WTh-PM
Hou, Wai Kai - **190 MT-PM**
HOUDE, JOHN - 914 MT-PM
Houdé, Olivier - 203 WTh-AM, 204 WTh-PM
Hough, Morgan - 602 MT-PM
Houle, Sylvain - 19 WTh-AM
Houser, Daniel - 1303 WTh-AM
Houzé, Bérengère - **1464 MT-PM**
Hovatter, Rebecca - 1313 MT-AM, 1316 MT-PM
Hovdebo, Jordan - 815 MT-AM
Howard, Chertkow - 198 WTh-PM, 353 WTh-AM
Howard, Matthew - 1252 WTh-PM, 1426 MT-PM
Howard III, Matthew A. - 1072 WTh-PM
Howell, Brittany - **405 MT-AM**
Hoyer, Juergen - 620 WTh-PM
Hribar, Aleš - 1306 MT-PM
Hsieh, Chang-wei - **1459 MT-AM**
Hsieh, Chao-Hsien - 1459 MT-AM
Hsieh, Jen-Chuen - 1011 WTh-AM, 1434 MT-PM, 31 WTh-AM, 80 MT-PM, 413 MT-AM
Hsieh, Li - **120 MT-PM**
Hsu, Ai-Ling - **1451 WTh-AM**
Hsu, Ching-Han - 1073 MT-AM
Hsu, Li-Ming - **838 WTh-PM**
Hsu, Yung-Chin - **1073 MT-AM**
Hu, Junmei - **556 MT-PM**
Hu, Senqi - 602 WTh-PM
Hu, Shouwen - 1527 WTh-AM, 944 WTh-PM, 975 WTh-AM
Hu, Xiaochen - 1516 MT-PM, 1006 MT-PM, 1063 MT-AM, 260 WTh-PM, 772 WTh-PM, 1376 MT-PM, 833 WTh-AM, 965 MT-AM, 405 MT-AM, 1304 WTh-PM
Hua, Xue - 305 WTh-AM, 319 WTh-AM, **354 WTh-PM, 356 WTh-PM, 360 WTh-PM, 703 WTh-AM, 726 WTh-PM, 355 WTh-AM**
Huang, Caroline - 1557 MT-AM
Huang, Chin-Fei - 311 WTh-AM, 71 WTh-AM
Huang, Chu-Chung - **1445 WTh-AM**
Huang, Jian - 1010 MT-PM
Huang, Jie - 935 WTh-AM
Huang, Lejian - **1330 WTh-PM**
Huang, Liang - 754 MT-PM, 752 MT-PM
Huang, Ruey-Song - **1452 MT-PM**
Huang, Ruiwang - 1284 MT-PM, 1359 MT-AM, 424 MT-PM, 597 MT-AM, **1235 WTh-AM, 324 WTh-PM, 423 MT-AM**
Huang, Shuo-en - 179 WTh-AM
Huang, Su-Chun - **553 MT-AM, 526 MT-PM**
Huang, Teng-Yi - 901 WTh-AM
Huang, Wei - 1315 WTh-AM, 254 WTh-PM, 991 MT-AM
Huang, Xiaoqi - 556 MT-PM, **1364 MT-PM**
Huang, Yun-An - **111 MT-AM**
Hubbard, Catherine - **614 WTh-PM**
Huber, Alexa - 1476 WTh-PM, 1478 WTh-PM
Huber, Jacqueline - 1218 WTh-PM
Huber, Kristen - 1087 MT-AM
Huber, Walter - 1084 WTh-PM, 1522 MT-PM, 329 WTh-AM
Huber, Walther - 1019 WTh-AM
Hübl, Julius - 20 MT-PM
Hübner, Thomas - 213 WTh-AM, 514 WTh-PM
Huckans, Marilyn - 269 WTh-AM
Hudac, Caitlin - **969 WTh-AM**
Hudziak, James - 475 WTh-AM, 769 MT-AM
Huentelman, Matthew - 726 WTh-PM
Huestis, Marilyn - 256 MT-PM, 292 WTh-PM
Huettel, Scott - 555 WTh-AM, 648 MT-PM
Huf, Wolfgang - 408 MT-PM, **433 MT-AM**
Hugdahl, Kenneth - 1035 WTh-AM, 1064 WTh-PM, 1430 WTh-PM, 291 MT-AM, 46 WTh-PM, 957 MT-AM, 801 MT-AM
Hugenschmidt, Christina - 735 WTh-AM
Huggins, John - 1426 MT-PM
Hughes, Gethin - **64 WTh-PM**
Hughes, Laura - **39 MT-AM, 341 WTh-AM, 983 MT-AM**
Hugues, Etienne - 1185 MT-AM, **1190 MT-PM**
Hui, Hua - 1309 MT-AM, **1062 MT-PM**
Huijbers, Willem - **1147 WTh-AM**
Huizenga, Hilde - 1009 MT-AM, 1036 MT-PM, 1212 MT-PM, 1241 WTh-AM, 253 MT-AM
Hully, Marie - 593 MT-AM
Hulshoff Pol, Hilleke - 1365 MT-AM, 1382 WTh-PM, 1442 WTh-PM, 537 MT-AM, 732 WTh-PM, 840 MT-PM
Hulten, Annika - 998 WTh-PM, 1576 MT-PM
Hultman, Christina - 584 MT-PM, 933 MT-AM
Hummel, T - 1548 WTh-PM
Humphreys, Glyn - 113 WTh-AM, 82 WTh-PM

Hung, An-Yi - **615 WTh-AM**
Hung, Daisy - 275 MT-AM
Hung, Yao-Chen - 981 MT-AM
Hung, Yuwen - **959 MT-AM**
Hunt, Laurence - 638 MT-PM
Hunt, Ruskin - 1424 WTh-PM, 236 WTh-PM, 238 WTh-PM, 678 MT-PM, 680 MT-PM
Hunter, Mathew - **1501 MT-AM**
Hunter, Michael - 1228 MT-PM, **1571 WTh-AM**, 215 MT-AM, 566 MT-PM
Hunter, Mick - **1392 MT-PM**
Huntgeburth, Sonja - 297 WTh-AM, 387 WTh-AM
Huonker, Ralph - 1009 WTh-AM
Hupé, Jean-Michel - 1476 MT-PM
Huppert, Theodore - 882 MT-PM
Hüppi, Petra - 1366 MT-PM
Hur, Ji-Won - **1136 WTh-PM**
Hurdal, Monica - **1300 WTh-PM**
Hurlemann, René - 687 MT-AM
Husarova, Ivica - **465 MT-AM**, 529 WTh-AM
Huss, Michael - 487 WTh-AM, 56 MT-PM, 640 MT-PM, 921 MT-AM
Hussey, Elizabeth - 236 MT-PM
Huster, Rene - **102 MT-PM**, 89 MT-AM
Hustinx, Roland - 612 MT-PM
Hutcheson, Nathan - 555 MT-AM
Hutchison, Matthew - 986 MT-PM
Hutton, Chloe - **1319 WTh-AM**, 1323 WTh-AM, 1471 MT-AM, 758 WTh-PM
Huttunen, Matti - 1382 WTh-PM
Hutzler, Florian - 1589 MT-AM
Huys, Quentin - 655 MT-AM, 661 MT-AM
Hwang, Arum - **559 WTh-AM**
Hwang, In Jae - 683 WTh-AM
Hwang, Kristy - 385 WTh-AM
Hwang, Seong-min - 955 WTh-AM
Hwu, Hai-Go - 526 MT-PM, 553 MT-AM
Hyde, Krista - **1480 WTh-PM**
Hyde, Zoe - 220 WTh-PM
Hyland, Declan - 1571 WTh-AM
Hynd, George - 232 WTh-PM
Hyvarinen, Aapo - **1099 MT-AM**

Iacoboni, Marco - 413 WTh-AM, 1105 WTh-AM, 682 WTh-PM, 704 MT-PM
Iacovella, Vittorio - **1333 WTh-AM**, 1350 WTh-PM
Iannetti, Giandomenico - 1425 MT-AM
Ianni, Angela - 1096 MT-PM, 30 MT-PM, 554 MT-PM, 749 WTh-AM, **77 MT-AM**
Iannilli, Emilia - **1548 WTh-PM**
Ibarretxe-Bilbao, Naroa - **448 MT-PM**, 474 MT-PM
Ibarrola, Danielle - 786 MT-PM
Iida, Masahiro - 1472 MT-PM
IDIER, Jérôme - 1196 WTh-PM
Ietswaart, Magdalena - 150 MT-PM
Iguchi, Yoshinobu - 1397 MT-AM
Ihle, Kristin - 1410 MT-PM
Ihler, Alexander - 1302 WTh-PM
Iidaka, Tetsuya - **1150 WTh-PM**
Iljina, Olga - **1543 MT-AM**
Im, Kiho - 362 WTh-PM, **1472 WTh-PM**
Imfeld, Adrian - 806 WTh-PM
Imordino-Yang, Mary Helen - 1060 MT-PM
Imparato, Alberto - 1212 WTh-PM
Imperati, Davide - 252 WTh-PM, 598 MT-PM
In, Myung-Ho - 843 WTh-AM, 951 WTh-AM
Ina, Giegling - 164 WTh-PM
Inaji, Motoki - 447 WTh-AM
Inano, Sachiko - **1351 MT-AM**
Indefrey, Peter - 1057 WTh-AM
Inder, Terrie - 850 MT-PM

Indovina, Iole - 567 WTh-AM
Inenaga, Chikanori - 462 MT-PM
Infarinato, Francesco - **127 WTh-AM**
Ingeholm, John - **1553 WTh-AM**
Ingvar, Martin - 536 WTh-PM, 584 MT-PM, 664 WTh-PM, 933 MT-AM
Inman, Cory - **622 MT-PM**
Inoue, Masayuki - 1254 MT-PM
Inoue, Yoshihiro - 821 MT-AM, 841 MT-AM
Inoue, Yusuke - 1373 MT-AM, 73 WTh-AM, 87 WTh-AM
Inouye, Yujiro - 1222 MT-PM
Insel, Philip - 319 MT-AM, 1296 WTh-PM
Inspector, michael - **1089 WTh-AM**
Intrator, Nathan - 1283 WTh-AM
Inui, Toshio - 699 MT-AM, 780 MT-PM, 781 MT-AM
Ionta, Silvio - 1443 MT-AM, **201 MT-AM**
Ipser, Jonathan - **61 MT-AM**
Irfanoglu, M - **834 WTh-PM**
Irfanoglu, Okan - 1258 WTh-PM
Iriki, Atsushi - 1441 WTh-AM, 527 WTh-AM, 60 MT-PM
Isaac, Vivian - 166 WTh-PM
Isaacs, Kelly - 233 WTh-AM
Ischebeck, Anja - 1237 WTh-AM, 326 WTh-PM, 623 WTh-AM, 869 MT-AM, 925 MT-AM, **195 WTh-AM**
Ishai, Alomit - **138 MT-PM**
Ishii, Kenji - 1386 MT-PM, 447 WTh-AM
Ishikawa, Akihiro - **841 MT-AM**, 862 MT-PM
Ishiwata, Kiichi - 1386 MT-PM, 447 WTh-AM
Isidor, Nathalie - 306 WTh-PM
Isnard, Jean - 332 MT-PM
Isoaho, Pia - 462 WTh-PM
Isohanni, Matti - 1390 MT-PM
Ison, Matias - 152 MT-PM
Isotalo, Leena - 462 WTh-PM
Ito, Kengo - 1074 WTh-PM, 369 WTh-AM, 379 WTh-AM
Ito, Syunsuke - 852 MT-PM, **863 MT-AM**
Itoh, Hiroaki - 1044 WTh-PM
Iturria, Yasser - 1567 WTh-AM
Iturria Medina, Yasser - 1464 WTh-PM, 548 MT-PM, 812 WTh-PM, 848 WTh-PM, 1450 WTh-PM
Ivanov, Dimo - **1020 MT-PM**, 912 WTh-PM
Ivanov, Paul - 784 MT-PM
Ivry, Richard - 563 WTh-AM
Iwabuchi, Sarina - **1333 MT-AM**
Iwaki, Sunao - 1053 WTh-AM, **140 MT-PM**, **141 MT-AM**
Iwashita, Tatsuo - 670 MT-PM
Iwata, Makoto - 1129 WTh-AM
Izadi, Hooshang - 602 MT-PM
Izawa, Jun - 1315 MT-AM
Izuma, Keise - 625 MT-AM, 715 MT-AM

J, Vanessa - **1060 MT-PM**
Jääskeläinen, Iiro - 1187 MT-AM, 1493 MT-AM, 97 WTh-AM
Jääskeläinen, Satu - 1038 MT-PM
Jabbi, Mbemba - **642 WTh-PM**, 641 WTh-AM
Jack, Clifford - 319 WTh-AM, 360 WTh-PM, 703 WTh-AM
Jack, Foucher - 1005 MT-AM
Jack Jr, Clifford R. - 356 WTh-PM, 840 WTh-PM, 865 WTh-AM
Jack Jr., Clifford - 305 WTh-AM, 354 WTh-PM, 355 WTh-AM
Jacker, Monika - 56 MT-PM
Jackowsky, Marcel - 1378 MT-PM
Jackson, Philip - 1283 MT-AM
Jackson, Robin - 1417 WTh-AM
Jacob, Gitta - 74 MT-PM
Jacob, Heike - 496 WTh-PM
Jacob, Mark - 249 WTh-AM
Jacobi, Esther - 399 WTh-AM
Jacobs, Arthur - 1561 MT-AM, 1589 MT-AM, 1592 MT-PM
jacobs, christianne - 952 MT-PM
Jacobs, Richard - **565 WTh-AM**
Jacobsen, Thomas - 1308 MT-PM
Jacobson, Joseph - 899 WTh-AM, 1233 MT-AM, 501 WTh-AM
Jacobson, Sandra - 1233 MT-AM, **501 WTh-AM**, 899 WTh-AM
Jacquemont, Sebastien - 306 WTh-PM
Jagannathan, Kanchana - 401 WTh-AM
Jäger, Lorenz - 164 WTh-PM
Jagust, William - 1097 MT-AM
Jahanian, Hesamoddin - 885 MT-AM
Jahanshad, Neda - **1372 MT-PM**, **743 WTh-AM**, 840 WTh-PM, 865 WTh-AM, 866 WTh-PM, 871 WTh-AM
Jahfari, Sara - **1396 WTh-PM**
Jahng, Geon-Ho - 1379 MT-AM, **1402 MT-PM**, **312 WTh-PM**, **314 WTh-PM**
Jahnke, Kolja - **1391 MT-AM**, 809 MT-AM
Jaillard, Assia - **1298 MT-PM**
Jakobs, Oliver - **1253 MT-AM**
Jalenques, Isabelle - 22 MT-PM
Jamadar, Sharna - 123 MT-AM, **576 MT-PM**
Jamali, Shahab - **1002 WTh-PM**
James, Clara - **206 WTh-PM**
James, David - **1121 WTh-AM**, 839 MT-AM
James, George - 750 MT-PM
James, George Andrew - 1006 MT-PM, **1063 MT-AM**, 622 MT-PM
James, Michael - 744 WTh-PM
Jamie, Hanson - 1425 WTh-AM
Jamsby, Shahar - 65 MT-AM, 661 WTh-AM
Jan, Jiri - 972 MT-PM
Jäncke, Lutz - 464 WTh-PM, 806 WTh-PM, 1520 MT-PM, 374 MT-PM, 1411 MT-AM, 1419 MT-AM, 1456 MT-PM, 635 MT-AM, 906 MT-PM
Janecek, Jiri - 214 MT-PM
Jang, Jeong Hun - 1522 WTh-PM
Jang, Joon Hwan - 1136 WTh-PM, 1357 MT-AM, 496 MT-PM, 515 MT-AM, 522 MT-PM, 771 MT-AM, 791 WTh-AM
Jang, Jung - 378 WTh-PM
Jang, Sung Ho - 1347 MT-AM, 2 MT-PM, **438 WTh-PM**, 604 MT-PM, 808 WTh-PM, 809 WTh-AM, 1248 MT-PM
Janik, Rafal - 877 MT-AM
Jankowski, Jakob - 1412 MT-PM, **449 MT-AM**
Jann, Kay - 336 MT-PM, 929 MT-AM
Janoos, Firdaus - **1258 WTh-PM**, 922 WTh-PM
Jans, Bert - 1216 MT-PM
Jansen, Andreas - **523 MT-AM**, 698 WTh-PM, 704 WTh-PM, 764 WTh-PM, 738 WTh-PM
Jansen, Brenda - 253 MT-AM
Jansen, Olav - 917 MT-AM
Jansen, Stefanie - 742 WTh-PM
Jansma, Bernadette - 130 WTh-PM
Jansma, Johan - **138 WTh-PM**
Janssen, Joost - **529 MT-AM**, 189 WTh-AM, 221 WTh-AM, 753 WTh-AM
Janzen, Gabriele - 272 MT-PM, 273 MT-AM, **276 MT-PM**
Jao, Tun - **144 WTh-PM**
Jarbo, Kevin - 858 WTh-PM
Järnum, Hanna - 1386 WTh-PM
Jarosz, Jozef - 19 MT-AM
Jarvelin, Marjo-Riitta - 1390 MT-PM
Jarzem, Peter - 1429 MT-AM
Jaschke, Werner - 925 MT-AM
Jaspers-Fayer, Fern - **909 WTh-AM**, 908 WTh-PM
Jauma, Serge - 474 MT-PM
Jaume, Sylvain - **1481 WTh-AM**
Jbabdi, Saad - 1084 MT-PM, **1103 MT-AM**, 1133 WTh-AM, **1367 MT-AM**, 342 WTh-PM, 477 MT-AM, 821 WTh-AM, 813 WTh-AM
Jean-Baptiste, Poline - 1218 MT-PM
Jeanmonod, Daniel - 929 MT-AM

Jecmenica-Lukic, Milica - 451 MT-AM
Jednoróg, Katarzyna - 717 MT-AM
Jefferies, Elizabeth - 1021 WTh-AM
Jefferson, Samantha - 1356 MT-PM
Jehna, Margit - 1292 MT-PM, **623 WTh-AM**
Jelsone-Swain, Laura - **1313 MT-AM, 1316 MT-PM, 242 WTh-PM**
Jenkins, Bruce - **1505 WTh-AM**, 284 WTh-PM
Jenkinson, Mark - 1084 MT-PM, 1365 WTh-AM, 1377 WTh-AM, 1402 WTh-PM, 967 MT-AM
Jenni, Raoul - **200 MT-PM**
Jennings, Janine - 174 WTh-PM
Jennings, Robin - 574 MT-PM
Jensen, Frances - 33 WTh-AM
Jensen, J. Eric - 1510 WTh-PM
Jensen, Jens - 830 WTh-PM
Jensen, Jimmy - 521 MT-AM, 644 MT-PM, 957 MT-AM
Jensen, Ole - 1032 WTh-PM, 126 WTh-PM, 49 WTh-AM, 995 WTh-AM, 1260 MT-PM
Jentsch, David - 692 MT-PM
Jeon, Hyeon-Ae - **1054 WTh-PM**
Jeon, Seun - 1436 WTh-PM, 362 WTh-PM, **759 WTh-AM**
Jeong, Bumseok - 466 WTh-PM, **592 WTh-PM**
Jeong, Gwang-Woo - 1428 WTh-PM, 920 MT-PM, 935 MT-AM, **964 WTh-PM**
Jeong, Hyeonjeong - 200 WTh-PM, 714 MT-PM
Jeong, Jaeseung - 1243 WTh-AM, 1399 MT-AM, 508 WTh-PM, 509 WTh-AM
Jeong, Jee H. - **383 WTh-AM**
Jeong, JeongWon - 992 WTh-PM
Jeong, Ji Woon - 683 WTh-AM
Jeong, Seok-Oh - 1282 WTh-PM, **869 WTh-AM**
Jeong, Yong - 330 WTh-PM, 370 WTh-PM
Jeong, Yong-Yeon - 1428 WTh-PM, 920 MT-PM
Jerbi, Karim - 1015 WTh-AM, 1059 MT-AM, **1309 MT-AM, 140 WTh-PM**, 222 MT-PM, 907 WTh-AM, 115 WTh-AM, 129 WTh-AM, 224 MT-PM, 227 MT-AM
Jeremy, Rita - 1013 WTh-AM
Jernigan, Terry - 201 WTh-AM
Jerram, Matthew - 612 WTh-PM
Jessup, Ryan - **550 WTh-PM**, 578 WTh-PM
Jezard, Peter - 1153 MT-AM, 872 MT-PM
Jha, Ashwani - 456 MT-PM
Jhung, Kyungun - 24 WTh-PM, 434 MT-PM
Jia, Jianping - 324 WTh-PM
Jia, Zhiru - 1317 WTh-AM, **684 MT-PM**
jia, zhiyun - 362 MT-PM, **369 MT-AM**
Jiang, Quan - 120 MT-PM
Jiang, Tianzi - 1399 WTh-AM, 321 MT-AM, 548 WTh-PM, 560 MT-PM, 727 WTh-AM, 827 WTh-AM, 837 WTh-AM, 841 WTh-AM
Jiang, Wen - 597 MT-AM
Jiang, Xia - 1441 MT-AM, **950 WTh-PM**
Jiang, Xiaoming - **1047 WTh-AM**
Jiang, Xiong - 978 WTh-PM
Jiang, Yang - 670 WTh-PM, **171 WTh-AM**
Jiang, Yi - 577 WTh-AM, **673 MT-AM**
Jicha, Gregory - 171 WTh-AM
Jimenez, Amy - 933 MT-AM, **584 MT-PM**
Jimenez, Xavier - 1389 MT-AM
Jimenez-Ortega, Laura - **1028 WTh-PM**, 1038 WTh-PM, 1039 WTh-AM
Jimura, Koji - 38 MT-PM
Jin, Mingwu - 1106 MT-PM, 1146 MT-PM, **1221 WTh-AM, 337 WTh-AM**
Jin, Rong - 1114 MT-PM
Jin, Zhengyu - 1439 WTh-AM, 1440 WTh-PM
jing, liang - 754 MT-PM
Jinnouchi, Hiroshige - 446 MT-PM
Jirsa, Viktor - 1147 MT-AM
Jo, Hang Joon - **1314 WTh-PM**, 1327 WTh-AM
Joachim, Cordes - 17 WTh-AM
Joachim, Spreer - 229 WTh-AM

Joanette, Yves - 194 WTh-PM, 199 WTh-AM
Joassin, Frederic - **1558 WTh-PM**, 251 WTh-AM
Job, Agnès - **1511 WTh-AM**
Job, Dominic - 799 WTh-AM
Jobard, Gael - 932 WTh-PM
Jobelius, Justin - 775 MT-AM, **776 MT-PM**
Jocham, Gerhard - 1143 WTh-AM, **517 WTh-AM**
Joel, Suresh - 1048 MT-PM, 492 WTh-PM
Joëls, Marian - 616 WTh-PM
Johannesson, Magnus - 536 WTh-PM
Johansen-Berg, Heidi - 1133 WTh-AM, 1269 MT-AM, 1270 MT-PM, 902 MT-PM
Johansson, Pär - 961 MT-AM
John, Gabrieli - 268 WTh-PM
John, Harwell - 1444 WTh-PM
Johnen, Vanessa - **903 MT-AM**
Johnides, Benjamin - 797 MT-AM
Johnson, Andrew - 1425 MT-AM
Johnson, Arianne - 1166 WTh-PM
Johnson, Blake - 1066 WTh-PM, 1127 WTh-AM
Johnson, Hans - 1393 WTh-AM
Johnson, Jeffrey - **37 WTh-AM**
Johnson, Keith - 169 WTh-AM, 384 WTh-PM
Johnson, Marcia - 98 MT-PM
Johnson, Mark - 1228 WTh-PM, 218 WTh-PM, 838 MT-PM
Johnson, Matthew - 739 WTh-AM
Johnson, Melissa - 580 MT-PM
Johnson, Rebecca - 209 WTh-AM
Johnson, Sterling - 193 WTh-AM, 435 WTh-AM, 455 WTh-AM
Johnson, Timothy - 1064 MT-PM
Johnsrude, Ingrid - 1077 WTh-AM, 1083 WTh-AM
Johnston, Geoffrey - 1426 MT-PM
Johnston, Leigh - 471 MT-AM
Johnston, Patrick - 573 MT-AM
Johnstone, Eve - 400 WTh-PM, 420 MT-PM, 575 MT-AM, 715 WTh-AM, 748 WTh-PM
Johnstone, Tom - 1433 MT-AM, 687 WTh-AM, **688 WTh-PM**
Jola, Corinne - **1550 WTh-PM**
Jolesz, Ferenc - 13 MT-AM
Jolicœur, Pierre - 876 WTh-PM, 963 MT-AM, 962 MT-PM
Joliot, Marc - 1168 MT-PM, **126 MT-PM, 932 WTh-PM**, 204 WTh-PM
Jolles, Dietsje D. - **202 WTh-PM, 208 WTh-PM**
Jolly, Anna - 875 MT-AM
Jombart, Elodie - 493 WTh-AM
Jonczak, Emily - 1593 MT-AM
Jones, Anthony - 1417 MT-AM, 1418 MT-PM
Jones, Jennifer - 351 WTh-AM
Jones, Kenneth - 491 WTh-AM
Jones, Michael - 374 WTh-PM
Jones, Peter - 1390 MT-PM, 569 MT-AM
Jones, Rebecca - **766 MT-PM**
Jones, Richard - 1170 MT-PM, **1336 MT-PM**, 436 WTh-PM
Jones, Simon - 1531 MT-AM
Jones, Stephen - 1040 MT-PM, 399 MT-AM
Jones-Gotman, Marilyn - 1135 WTh-AM
Jong-Min, Lee - 1472 WTh-PM, 362 WTh-PM, 759 WTh-AM
Jonides, John - 1109 MT-AM, 1358 WTh-PM, 944 MT-PM
Jörg, Hiess - 1318 MT-PM
Jorge, Liliana - 986 WTh-PM
Jorge, Ricardo - 483 MT-AM
Jörn, Marcus - 897 MT-AM, **1224 MT-PM**
Jose, Pardo - **375 WTh-AM**, 375 WTh-AM
Josef Golubic, Sanja - **1009 WTh-AM**
Josep, Marco-Pallares - 117 MT-AM
Josep, Valls-Solé - 5 MT-AM
Joseph, Jane - **1510 MT-PM**
Joseph, Sabine - 1561 WTh-AM
Joseph Mc Clernon, Joseph - 289 WTh-AM
Josephs, Oliver - 1192 WTh-PM, 1319 WTh-AM, 1471 MT-AM, **1537 WTh-AM**

Joshi, Anand - 1379 WTh-AM, 746 WTh-PM, **747 WTh-AM**, 796 WTh-PM
Joshi, Sarang - 319 MT-AM
Joshi, Shantanu - **1110 MT-PM, 1379 WTh-AM**, 746 WTh-PM, 747 WTh-AM
Josse, Gouluven - 987 MT-AM, **1561 WTh-AM**
Journée, Michel - 1124 MT-PM
Jousmäki, Veikko - 1004 WTh-PM
Joutsen, Atte - 11 WTh-AM
Jouvent, Eric - 1362 WTh-PM
Jouvent, Roland - 204 MT-PM
Jovicich, Jorge - 1162 MT-PM, 1171 WTh-AM, 1186 MT-PM, 1288 WTh-PM, 976 MT-PM, 62 MT-PM, 812 MT-PM
Joyce, Karen - **923 WTh-AM, 992 MT-PM**
Joyner, Alexander - 565 MT-AM
Juckel, Georg - 530 MT-PM
Jucksch, Viola - **56 MT-PM, 639 MT-AM, 640 MT-PM**
Juliane, Mercante - 30 WTh-PM
Julie, Grézes - 622 WTh-PM, 652 WTh-PM
Juncadella, Montserrat - 474 MT-PM
Jung, Fabienne - 1260 WTh-PM
Jung, Hae-Song - 1209 WTh-AM, 1352 MT-PM
Jung, Hyosun - 1092 WTh-PM
Jung, Julien - 140 WTh-PM, 229 MT-AM, 332 MT-PM
Jung, Ki-Young - 307 MT-AM, 307 MT-AM
Jung, Kwan-Jin - **1209 WTh-AM, 1352 MT-PM, 823 WTh-AM**
Jung, Myung Hun - 496 MT-PM
Jung, Rex - 1093 MT-AM, 9 MT-AM
Jung, Tzyy-Ping - 1123 MT-AM, 292 MT-PM
Jung, Wi Hoon - 1357 MT-AM, **515 MT-AM**, 791 WTh-AM, 771 MT-AM, 1136 WTh-PM
Jungblut, Monika - **1522 MT-PM**
Junque, Carme - 368 WTh-PM, 388 WTh-PM, 443 WTh-AM, 448 MT-PM, 474 MT-PM, 5 MT-AM, 6 MT-PM, 763 WTh-AM, 828 WTh-PM, 846 WTh-PM
Junqueira, Thiago - **1177 WTh-AM**, 1378 MT-PM
Jurák, Pavel - 214 MT-PM, 895 WTh-AM
Jurica, Peter - 79 WTh-AM
Just, Marcel - 1059 WTh-AM, 1577 MT-AM
Jutagir, Devika - 286 WTh-PM, 1586 MT-PM
Juvodden, Hilde - 45 MT-AM

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Kabasawa, Hiroyuki - 1325 MT-AM
Kabisch, Stefan - 1020 MT-PM
Kaczmarek, Kurt - 1012 MT-PM, 1120 MT-PM, 1229 WTh-AM
Kaczmarek, Leszek - 116 MT-PM
Kaemmerer, Nina - 272 WTh-PM
Kaernbach, Christian - 1521 WTh-AM
Kaffanke, Joachim - 800 MT-PM, **889 MT-AM**
Kafkas, Alexandros - **1160 WTh-PM**
Kahane, Philippe - 115 WTh-AM, 129 WTh-AM, 140 WTh-PM, 1517 MT-AM, 224 MT-PM, 227 MT-AM, 229 MT-AM, 907 WTh-AM
Kahlaoui, Karima - **199 WTh-AM**
Kahn, Rene - 1382 WTh-PM, 1442 WTh-PM, 492 MT-PM, 504 MT-PM, 532 MT-PM, 537 MT-AM, 545 MT-AM, 549 MT-AM, 69 MT-AM, 732 WTh-PM, 1365 MT-AM
Kahnt, Thorsten - 1145 WTh-AM, 1486 MT-PM, 273 WTh-AM
Kainerstorfer, Jana - 858 MT-PM
Kaiser, Jochen - 587 MT-AM
Kaiser, Marcus - 552 MT-PM
Kaiserman, Igor - 1400 MT-PM
Kakigi, Tatsuya - 1246 MT-PM, 446 MT-PM
Kakunoori, Sita - 1087 MT-AM
Kalbe, Elke - 743 MT-AM, 744 MT-PM
Kalbfleisch, M - 427 WTh-AM
Kalbitzer, Jan - 661 MT-AM

Kalin, Ned - 804 WTh-PM
Kaller, Christoph - 106 WTh-PM, 1541 MT-AM, **229 WTh-AM**, 248 MT-PM, 950 MT-PM
Kalm, Kristjan - **1118 WTh-PM**
Kalpouzos, Gregoria - 1159 WTh-AM
Kalso, Eija - 1424 MT-PM
Kamada, Kyousuke - 913 WTh-AM, 941 MT-AM, **891 WTh-AM**
Kambara, Toshimune - 596 WTh-PM, 643 MT-AM, 734 MT-PM
Kambeitz, Joseph - 500 MT-PM
Kameyama, Masaki - 370 MT-PM
Kaminsly, Jan - 894 WTh-PM
Kamkwala, Asante - 377 MT-AM
Kammer, Thomas - 5 WTh-AM
Kammerer, Nina - 256 WTh-PM
Kammaing, Jody - **1127 WTh-AM**
Kamphausen, Susanne - 410 MT-PM, 479 WTh-AM
Kan, Cees - 730 WTh-PM
Kan, Karen - **618 MT-PM**
Kan, Li - 775 WTh-AM
kanaan, richard - 765 MT-AM
Kanai, Ryota - 98 WTh-PM
Kanani, Reza - 385 WTh-AM
Kanellopoulos, Dora - 1317 WTh-AM
Kang, Chan Seok - 955 WTh-AM
Kang, Do-Hyung - 1357 MT-AM, 496 MT-PM, 515 MT-AM, 522 MT-PM
Kang, Dong-Il - 517 MT-AM
Kang, Eunjoo - 1128 WTh-PM, 1529 WTh-AM, 322 MT-PM, 415 WTh-AM, 417 WTh-AM, 485 WTh-AM
Kang, Heoung-Keun - 1428 WTh-PM, 920 MT-PM, 935 MT-AM, 964 WTh-PM
Kang, Hyejin - 1128 WTh-PM, 1522 WTh-PM, 1529 WTh-AM, 322 MT-PM, 415 WTh-AM, **417 WTh-AM**, 485 WTh-AM, 498 WTh-PM
Kang, Jian - **1064 MT-PM**, 1571 WTh-AM
Kang, Joong Koo - 307 MT-AM, 879 WTh-AM
Kang, Kristan - 304 WTh-PM
Kang, Min Jae - 862 MT-PM
Kang, Pyeongwon - 729 MT-AM
Kang, Sue J - 362 WTh-PM
Kang, Xiaojian - 1535 WTh-AM, **779 MT-AM**
Kanno, Toshihiko - 447 MT-AM
Ka ovský, Petr - 468 MT-PM
Kansaku, Kenji - 141 MT-AM
Kanske, Philipp - 418 MT-PM, **604 WTh-PM**
Kanso, Riam - **120 WTh-PM**
Kaplan, Raphael - **1144 WTh-PM**
Kaplow, Julie - 437 MT-AM
Kappes, Julianne - 1542 MT-PM
Kaps, Manfred - 444 MT-PM
Kapur, Shitij - 521 MT-AM, 564 MT-PM
Karabanov, Anke - **11 WTh-AM**, **1113 WTh-AM**
Karahana, Esin - **818 MT-PM**
Karama, Sherif - 769 MT-AM
Karamatskos, Evangelos - 544 MT-PM
Karayanidis, Frini - **123 MT-AM**, 576 MT-PM
Karch, Susanne - **164 WTh-PM**, 439 MT-AM, 530 MT-PM, 544 MT-PM, **55 MT-AM**, **57 MT-AM**
Kareken, David - **266 WTh-PM**
Karhson, Debra - **60 WTh-PM**
Karl, Anke - 1162 WTh-PM
Karl, Egger - 424 WTh-PM
Karl, Friston - 1032 MT-PM, 1204 WTh-PM
Karlsodt, Katherine - 47 MT-AM, 933 MT-AM
Karlsodt, Katie - 1177 MT-AM, 584 MT-PM
Karlssohn, Karl - 100 WTh-PM, 638 WTh-PM
Karlssohn, Thomas - **931 MT-AM**, 937 MT-AM
Karmann, Anna - 1152 WTh-PM, 1470 MT-PM
Karmann, Michaela - 343 WTh-AM
Karne, Harish - 426 MT-PM
Karni, Avi - 1089 WTh-AM, 1141 WTh-AM, 1249 MT-AM, 1307 MT-AM
Karpe, Fredrik - 371 WTh-AM
Karunanayaka, Prasanna - **1061 WTh-AM**
Kasahara, Maki - **450 WTh-PM**
Kasahara, Satoshi - 261 MT-AM
Kasai, Kiyoto - 1325 MT-AM, 1373 MT-AM
Kasess, Christian - 1011 MT-AM, 1127 MT-AM, **1198 WTh-PM**, 1227 WTh-AM, 175 MT-AM, 408 MT-PM, 433 MT-AM, 737 WTh-AM, **969 MT-AM**
Kashihara, Koji - **629 WTh-AM**
Kashima, Haruo - 670 MT-PM, 996 WTh-PM
Kaskinoro, Kimmo - 1038 MT-PM
Kasner, Scott - 605 MT-AM
Kasper, Lars - **921 WTh-AM**
Kasper, Ryan - 814 MT-PM
Kasper, Siegfried - 1373 WTh-AM, 408 MT-PM, 425 MT-AM, 433 MT-AM, 651 MT-AM, 737 WTh-AM, 890 MT-PM
Kass, Robert - 431 MT-AM
Kassubek, Jan - 1322 MT-PM, 1323 MT-AM, **1324 MT-PM**, 789 MT-AM
Kast, Monika - **464 WTh-PM**
Kaste, Markku - 609 MT-AM
Kastman, Erik - 193 WTh-AM, 435 WTh-AM, 455 WTh-AM
Kastner, Joern - 1067 MT-AM
Kastner, Sabine - 86 WTh-PM
Katayama, Mariko - 1441 WTh-AM
Katayama, Yasuo - 1386 MT-PM
Kathmann, Norbert - 421 MT-AM, 422 MT-PM
Katja, Menzler - 743 MT-AM, 744 MT-PM
Kato, Makoto - **830 MT-PM**
Kato, Motochiro - 670 MT-PM, 996 WTh-PM
Kato, Takashi - 369 WTh-AM, 379 WTh-AM
Kato, Toshinori - 1293 MT-AM, **827 MT-AM**, 849 MT-AM
Kato, Yutaka - **996 WTh-PM**
Katsaggelos, Aggelos - 1203 WTh-AM
Katula, Jeff - 174 WTh-PM
Katura, Takusige - 824 MT-PM, **832 MT-PM**, 834 MT-PM
Katz, Karol - 115 MT-AM
Kaufmann, Christian - 265 WTh-AM, 422 MT-PM, 75 MT-AM, **421 MT-AM**
Kaufmann, Jörn - 427 MT-AM, 810 WTh-PM
Kaufmann, Liane - **211 WTh-AM**, 424 WTh-PM
Kaul, Christian - 644 WTh-PM
Kauppi, Jukka-Pekka - **1187 MT-AM**
Kauppila, Timo - 462 WTh-PM
Kaveh, Anthony - 108 MT-PM
Kawa, Shadia - 669 MT-AM
Kawada, Ryosaku - 579 MT-AM
Kawaguchi, Hiroshi - 1325 MT-AM
Kawaguchi, Jun - 1150 WTh-PM
Kawahara, Masakuni - 83 MT-AM
Kawai, Kensuke - 891 WTh-AM, 913 WTh-AM
Kawai, Masahiko - 821 MT-AM
Kawai, Nobuyuki - 629 WTh-AM
Kawaji, Hiroshi - 462 MT-PM
Kawamura, Mitsuru - 1387 MT-AM
Kawana, Yohei - **596 WTh-PM**
Kawasaki, Hiroto - 1072 WTh-PM
Kawashima, Ryuta - 1421 WTh-AM, 1103 WTh-AM, 1445 MT-AM, 1452 WTh-PM, 26 MT-PM, 702 MT-PM, 939 MT-AM, 1426 WTh-PM, 1454 WTh-PM, 200 WTh-PM, 261 MT-AM, 596 WTh-PM, 630 MT-PM, 643 MT-AM, 714 MT-PM, 734 MT-PM, 899 MT-AM, 180 MT-PM
Kawato, Mitsuo - 1275 MT-AM
Kayano, Junya - 1494 WTh-PM
Kaye, Walter - 406 MT-PM
Kaylor-Hughes, Catherine - **546 MT-PM**, **551 MT-AM**
Kayser, Christoph - 1519 WTh-AM
Kaza, Evangelia - **943 WTh-AM**, 51 MT-AM
Kazzer, Philipp - 82 MT-PM
Kean, Michael - 440 WTh-PM
Keator, David - **1302 WTh-PM**
Keck, Ingo - 1028 MT-PM
Kedia, Gayannee - **722 MT-PM**
Keedy, Sarah - 583 MT-AM
Keefe, Helen - 1393 WTh-AM
Keehn, Brandon - 392 WTh-PM
Keeling, Stephen - 869 MT-AM
Keenan, Ross - 436 WTh-PM, 466 MT-PM
Keeser, Daniel - 316 WTh-PM, **4 MT-PM**
Kegel, Andrea - 906 MT-PM
Kehoe, Elizabeth - **569 WTh-AM**
Kehrer, Stefanie - 75 MT-AM
Keightley, Michelle - 433 WTh-AM
Keil, Boris - 1330 MT-PM, 452 MT-PM
Keilholz, Shella - 1180 MT-PM
Keir, Janine - 497 WTh-AM
Keisker, Birgit - **179 MT-AM**
Keith, Earle - 1476 WTh-PM
Kell, Christian - **1515 MT-AM**
Kelleher, Dennis - 614 WTh-PM
Kellemyer, Philipp - 603 MT-AM
Keller, Merlin - 722 WTh-PM
Keller, S.S. - 312 MT-PM
Keller, Simon - **1529 MT-AM**
Keller, Simon S. - 304 MT-PM
Kellermann, Tanja - 936 MT-PM, **599 WTh-AM**
Kellermann, Thilo - 392 MT-PM, 562 MT-PM, 698 WTh-PM, 387 MT-AM, 394 MT-PM, 595 WTh-AM, 735 MT-AM, 1251 WTh-AM, 61 WTh-AM, 672 WTh-PM
Kelley, Douglas - 303 WTh-AM
Kellmeyer, Philipp - **1541 MT-AM**
Kelly, Clare - 1196 MT-PM, **1199 MT-AM**, **286 WTh-PM**, 426 WTh-PM, 502 WTh-PM, 1159 MT-AM, 1194 MT-PM, 1195 MT-AM, 234 WTh-PM, 1192 MT-PM
Kelly, Hollander - 541 MT-AM
Kelly, Robert - **1317 WTh-AM**
Kelly, Simon - 68 WTh-PM
Kelly, Thomas - 670 WTh-PM
Kema, Iddo - 589 WTh-AM
Kemmotsu, Nobuko - 691 MT-AM
Kemner, Chantal - 1487 MT-AM
Kemp, Andrew - 351 MT-AM, 379 MT-AM
Kemp, Graham - 1486 WTh-PM, 216 WTh-PM
Kempf, Lucas - 733 WTh-AM
Ken, Soleakhena - **782 MT-PM**
Kenealy, Laura - 467 WTh-AM
Kennedy, David - 1365 WTh-AM, **486 WTh-PM**, 784 WTh-PM, **960 WTh-PM**, 991 MT-AM
Kennedy, Henry - 1444 WTh-PM
Kennedy, Kristen - **156 WTh-PM**, 165 WTh-AM
Kenworthy, Lauren - 393 WTh-AM
Kenyon, Garrett - 1507 MT-AM
Kepe, Vladimir - 380 WTh-PM
Kerchner, Geoffrey - **303 WTh-AM**
Keren, Alon - **1014 WTh-PM**
Keren, Noam - 187 WTh-AM
Kerbin, Christine - 1259 WTh-AM
Kern, Markus - **125 WTh-AM**, 1322 WTh-PM, 589 MT-AM
Kerr, Cliff - **351 MT-AM**, 882 WTh-PM
Kersting, Anette - 695 MT-AM
Kerti, Lucia - 742 WTh-PM
Kessler, Shelli - 122 MT-PM, **434 WTh-PM**
Kessler, Christoph - 1566 MT-PM
Kessler, Klaus - 116 WTh-PM, 55 WTh-AM
Kessler, Robert - 520 WTh-PM
Ketterer, Caroline - 649 MT-AM
Kettner, Norman - 1428 MT-PM, 1465 MT-AM, 41 WTh-AM
Keyzers, Christian - 196 MT-PM, 977 MT-AM
Kezele, Irina - **819 WTh-AM**
Khalil, Michael - 623 WTh-AM
Khalili Mahani, Najmeh - **1404 MT-PM**, **1405 MT-AM**, 1498 WTh-PM

Khalsa, Sahib - 1433 MT-AM
Khan, Ali R. - **1371 WTh-AM**, 357 WTh-AM, 791 MT-AM
Khan, Reswanul - **1230 WTh-PM**
Khateb, Asaid - **1088 WTh-PM**, 128 MT-PM, 1545 MT-AM
Khatib, Dalal - 500 WTh-PM
Khawaja, Nadine - 1426 MT-PM
Kherif, Ferath - 1077 WTh-AM, 1164 WTh-PM, **615 MT-AM**
Khouzam, Amirah - 397 WTh-AM, 412 WTh-PM
Khursheed, Faraz - **924 MT-PM**
Khwaja, Sadie - 1567 WTh-AM
Kida, Ikuhiro - 1397 MT-AM
Kiebel, Stefan - 1032 MT-PM, 1204 WTh-PM
Kiefer, Claus - 1481 MT-AM, 977 WTh-AM
Kiefer, Falk - 277 WTh-AM, 282 WTh-PM
Kiefer, Isabelle - 230 WTh-PM
Kiefer, Markus - 1148 WTh-PM, 1277 MT-AM
Kiehl, Kent - 1047 MT-AM, 567 MT-AM, 576 WTh-PM, 693 WTh-AM, 775 MT-AM, 776 MT-PM
Kiekens, Charlotte - 1319 MT-AM, 437 WTh-AM
Kielar, Aneta - **1094 MT-PM**
Kienstra, Carolyn - 438 MT-PM
Kiesel, Andrea - 142 MT-PM
Kiguchi, Masashi - 824 MT-PM, 826 MT-PM, 834 MT-PM
Kikinis, Ron - 1481 WTh-AM
Kilbrich-Spago, Erin - 292 WTh-PM
Kilgour, Robert - 629 MT-AM
Kilias, Antje - **1248 WTh-PM**, 1255 MT-AM
Kilner, James - 1192 WTh-PM, 1204 WTh-PM, 47 WTh-AM
Kilpatrick, Lisa - **233 MT-AM**
Kilts, Clint - 750 MT-PM
Kilts, Clinton - 405 MT-AM
Kim, Bong Soo - **63 WTh-AM**
Kim, Boong-Nyun - 415 WTh-AM, 417 WTh-AM, 485 WTh-AM
Kim, Bungnyun - **498 WTh-PM**
Kim, Byeong-Chae - 1428 WTh-PM
Kim, Byoung Woo - 294 WTh-PM
Kim, Chung Sun - 2 MT-PM
Kim, Dae-Jin - **1119 MT-AM**
Kim, Dae-Shik - 1360 MT-PM, 843 WTh-AM, 728 WTh-PM
Kim, Dai-Jin - 1025 MT-AM, 274 WTh-PM
Kim, Dong-Youl - 1144 MT-PM, 1197 MT-AM
Kim, Euitae - 515 MT-AM, 791 WTh-AM
Kim, Eun Joo - 557 WTh-AM, **671 MT-AM**
Kim, Eunkyung - **1529 WTh-AM**
Kim, Geon Ha - 383 WTh-AM
Kim, Gwang-Won - 1428 WTh-PM, **920 MT-PM**
Kim, Heejung - **415 WTh-AM**, 417 WTh-AM
Kim, Hung - 1541 WTh-AM
Kim, Hyejin - 559 WTh-AM
Kim, Hyeyun - 323 MT-AM
Kim, Hyo-won - 415 WTh-AM, 417 WTh-AM, 485 WTh-AM
Kim, Hyun Taek - 683 WTh-AM
Kim, In Young - 1360 MT-PM
Kim, Jae Jin - 517 MT-AM, 1025 MT-AM, 274 WTh-PM, 625 WTh-AM
Kim, Jaewon - 498 WTh-PM
Kim, Jeanne - 380 WTh-PM
Kim, Jeongseon - **1092 WTh-PM**
Kim, Jessica - 1557 MT-AM
Kim, Ji-Hye - 75 WTh-AM
Kim, Ji-Woong - 466 WTh-PM, 592 WTh-PM
Kim, Jieun - **1428 MT-PM**, 1435 MT-AM, **1438 MT-PM**, 41 WTh-AM
Kim, Jin-Mok - 955 WTh-AM
Kim, Jinhee - **1128 WTh-PM**
Kim, Jiye - **160 MT-PM**
Kim, Jong Won - 882 WTh-PM
Kim, Joohan - 279 WTh-AM, **557 WTh-AM**, 671 MT-AM
Kim, Joong II - **295 MT-AM**
Kim, June Sic - 1268 MT-PM, 1542 WTh-PM, 63 WTh-AM, 186 MT-PM, 508 WTh-PM, 522 MT-PM, 1136 WTh-PM
Kim, Jung-Kyong - **1581 WTh-AM**
Kim, Junghee - 935 MT-AM
Kim, Junggho - 1103 WTh-AM
Kim, Kio - 790 WTh-PM, 1220 MT-PM, 1221 MT-AM, 1359 WTh-AM
Kim, Kiwoong - 572 MT-PM, **955 WTh-AM**
Kim, Kwang - 1061 WTh-AM
Kim, Kyung Hwan - **888 WTh-PM**
Kim, Kyung Ran - **24 WTh-PM**, 434 MT-PM
Kim, Meeri - 14 WTh-PM, 605 MT-AM, 823 MT-AM, **844 MT-PM**, 837 MT-AM
Kim, Min Su - 1347 MT-AM
Kim, Oh Lyoung - 438 WTh-PM
Kim, Sam Soo - 1166 MT-PM, **365 MT-AM**, 1512 WTh-PM
Kim, Sang Eun - 710 MT-PM, 442 WTh-PM, 588 WTh-PM, 657 MT-AM, 676 WTh-PM
Kim, Sang Hee - 588 WTh-PM, **657 MT-AM**, **676 WTh-PM**, 683 WTh-AM
Kim, Se Joo - 24 WTh-PM, 434 MT-PM, 517 MT-AM
Kim, Seong Ho - 438 WTh-PM
Kim, Seong-Gi - 881 MT-AM, 882 MT-PM
Kim, Seung-Goo - **186 MT-PM**
Kim, Sook Hui - **362 WTh-PM**
Kim, Su Jin - 588 WTh-PM, 657 MT-AM
Kim, Sun I. - 1472 WTh-PM, 434 MT-PM, 625 WTh-AM
Kim, Sun II - 1542 WTh-PM
Kim, Sung Ho - 1347 MT-AM
Kim, Sung Tae - 362 WTh-PM
Kim, Sung-Ho - **1214 WTh-PM**
Kim, Sung-il - 558 WTh-PM, 559 WTh-AM, 577 WTh-AM, 673 MT-AM, 756 MT-PM
Kim, Tae-Hoon - **1428 WTh-PM**, 920 MT-PM
Kim, Tae-min - 592 WTh-PM
Kim, Y-H - 29 WTh-AM, 862 MT-PM
Kim, Young - 1243 WTh-AM, 1399 MT-AM
Kim, Young Bo - 197 MT-AM, 1054 WTh-PM, 416 WTh-PM, 843 WTh-AM, 951 WTh-AM, 1492 MT-PM
Kim, Young-Shin - 416 WTh-PM
Kim, Yu Kyeong - 710 MT-PM, 442 WTh-PM, 322 MT-PM
Kimball, Elizabeth - 9 MT-AM
Kimura, Hiroko - 38 MT-PM
Kimura, Yuichi - 1386 MT-PM, 447 WTh-AM
Kindlmann, Gordon - 342 WTh-PM, 821 WTh-AM
King, Andrea - **180 WTh-PM**, 360 MT-PM
King, Danielle - **1188 WTh-PM**
King, Jean - 254 WTh-PM, 612 WTh-PM, 991 MT-AM
King-Casas, Brooks - 298 WTh-PM, 587 WTh-AM, 763 MT-AM
Kinkel, R - 1491 WTh-AM
Kinnunen, Kirsi - 453 WTh-AM, 93 MT-AM
Kinomura, Shigeo - 1454 WTh-PM
Kinoshita, Hiroshi - **1246 MT-PM**, 446 MT-PM
Kinunen, Kirsi - 451 WTh-AM
Kipervasser, Svetlana - 223 MT-AM, 65 MT-AM, 661 WTh-AM
Kippenhan, Jonathan Shane - 294 MT-PM, 642 WTh-PM, **723 WTh-AM**, 756 WTh-PM, 481 WTh-AM, 641 WTh-AM
Kipshagen, Hanne E. - 136 MT-PM
Kiran, Swathi - 595 MT-AM
Kircher, Tilo - 1019 WTh-AM, 1084 WTh-PM, 502 MT-PM, 523 MT-AM, 562 MT-PM, 698 WTh-PM, 704 WTh-PM, 738 WTh-PM, 745 MT-AM, 667 MT-AM
Kirchheiner, Julia - 519 WTh-AM, 694 MT-PM, **870 MT-PM**
Kireev, Maxim - **28 MT-PM**, 46 WTh-PM
Kirilina, Evgeniya - 681 WTh-AM
Kirk, Gregory - **1176 MT-PM**
Kirk, Ian - 1333 MT-AM
Kirsch, Martina - **282 WTh-PM**
Kirsch, Murielle - 612 MT-PM
Kirsch, Peter - 23 WTh-AM, 396 MT-PM, 442 MT-PM, 547 WTh-AM, 649 WTh-AM, 650 WTh-PM, 654 WTh-PM
Kirschbaum, Clemens - 8 MT-PM
Kirveskari, Erika - 609 MT-AM
Kiser, Seth - 670 WTh-PM
Kish, Stephen - 243 WTh-AM
Kiss, Monika - 731 MT-AM
Kittis, Omer - 435 MT-AM
Kitzbichler, Manfred - **988 MT-PM**
Kivelä, Mikko - 635 WTh-AM
Kiviniemi, Vesa - 12 MT-PM, **982 MT-PM**, 1165 MT-AM
KIYOHARA, Kosuke - **938 WTh-PM**
KIYOHARA, Motosuke - 938 WTh-PM
Klaassen, Arno - 962 WTh-PM
Klaassen, Ivo - 962 WTh-PM
Klahr, Nelson - **285 WTh-AM**
Klann, Juliane - **1084 WTh-PM**
Klarhöfer, Markus - 580 WTh-PM, 711 WTh-AM
Klasen, Martin - 672 MT-PM, 674 MT-PM
Klaver, Paul - 395 MT-AM
Klaver, Peter - 853 MT-AM
Kleber, Boris - **1539 MT-AM**
Kleemann, Anna Maria - 1127 MT-AM
Kleih, Sonja - 449 WTh-AM
Kleiman, Alexandra - **345 WTh-AM**
Klein, Arno - **1074 MT-PM**, 1388 WTh-PM
Klein, Denise - 1327 MT-AM
Klein, Johannes - **21 MT-AM**
Klein, Miriam - **638 MT-PM**, 902 MT-PM
Klein, Philipp - **371 MT-AM**, **417 MT-AM**
Klein, Rachael - 502 WTh-PM
Klein, Tilmann - 1143 WTh-AM, 517 WTh-AM
Kleinschmidt, Andreas - 139 MT-AM, 43 WTh-AM, 813 MT-AM
Kleiser, Raimund - **934 WTh-PM**
Klemen, Jane - **107 WTh-AM**, **45 WTh-AM**
Klemfuss, Nola - 563 WTh-AM
Klimecki, Olga - **568 WTh-PM**, 570 WTh-PM
Klingberg, Torkel - 949 MT-AM, 961 MT-AM
Klingenberg, Brad - 1267 WTh-AM
Klingenberg, Markus - 1412 MT-PM
Klinger, Nicolaus - **1079 MT-AM**, 1080 MT-PM, 1081 MT-AM, 1463 MT-AM, 956 WTh-PM, 957 WTh-AM
Klockgether, Thomas - 449 MT-AM, 458 MT-PM
Kloepfel, Stefan - 73 MT-AM, 74 MT-PM
Klomp, Dennis - 840 MT-PM
Kloosterman, Niels - **163 MT-AM**
Klöppel, Stefan - 1257 WTh-AM, 1262 WTh-PM, 339 WTh-AM, 410 MT-PM, 594 MT-PM
Klose, Uwe - 943 WTh-AM
Klosinski, Gunther - 496 WTh-PM
Klucken, Tim - **572 WTh-PM**
Kluemper, Chase - 670 WTh-PM
Kluew, Alexander - 913 MT-AM
Klumpers, Linda E. - 1498 WTh-PM
Knake, Susanne - 1330 MT-PM, 452 MT-PM, 743 MT-AM, 744 MT-PM
Knape, Koyle - 316 MT-PM
Knaus, Hannah - 486 MT-PM
Knecht, Stefan - 1290 MT-PM
Knegtering, H. - 13 WTh-AM, 509 MT-AM
Knegtering, Henderikus - 541 MT-AM
Knight, Robert - 95 WTh-AM
Knight, Steven - 1276 MT-PM
Knight-Scott, Jack - **843 MT-AM**
Knoblauch, Kenneth - 1444 WTh-PM
Knoblich, Guenther - 1274 MT-PM
Knoechel, Silja - 478 WTh-PM
Knösche, Thomas - 1050 WTh-PM, 1068 WTh-PM, 1329 MT-AM, 1357 WTh-AM, 1362 MT-PM, 1449 WTh-AM, 801 WTh-AM, 826 WTh-PM, 877 WTh-AM, 978 MT-PM
Knowlton, Barbara - 912 MT-PM
Knox, Paul - 1364 MT-PM
Knudsen, Gitte - 506 WTh-PM
Knutson, Brian - 1267 WTh-AM, 543 WTh-AM
Knutson, Brian - 690 MT-PM

Ko, Ji Hyun - 19 WTh-AM, **1213 MT-AM**
 Ko, Li-Wei - 292 MT-PM, 901 WTh-AM
 Ko, Wilson - 861 MT-AM, 865 MT-AM
 Kobayashi, Eliane - 1010 WTh-PM
 Kobayashi, Shiro - 1386 MT-PM
 Kober, Tobias - 141 WTh-AM
 Kobiella, Andrea - 249 WTh-AM, **707 WTh-AM**
 Koch, Christian - 786 MT-PM
 Koch, Christof - 152 MT-PM
 Koch, Iring - 1122 WTh-PM
 Koch, Kathrin - 1033 MT-AM, 388 MT-PM, **495 MT-AM**,
 510 MT-PM
 Kochan, Nicole - 302 WTh-PM, 304 WTh-PM, 357 WTh-AM
 Kochi, Kieko - 151 MT-AM, 995 MT-AM
 Kochunov, Peter - **1420 WTh-PM**, **700 WTh-PM**, **701**
WTh-AM, **705 WTh-AM**, **706 WTh-PM**, 718 WTh-PM,
 734 WTh-PM, 739 WTh-AM, **750 WTh-PM**, 755 WTh-
 AM, **867 MT-AM**
 Koechlin, Etienne - 542 WTh-PM, 94 MT-PM
 Koeda, Michihiko - **680 WTh-PM**
 Koehnke, Maria - 1034 WTh-PM
 Koelkebeck, Katja - 757 MT-AM, 543 MT-AM
 Koenig, Katherine - **1120 WTh-PM**
 Koenig, Thomas - 336 MT-PM
 Koepp, Matthias - 296 MT-PM, 329 MT-AM, 341 MT-AM,
 347 MT-AM, 953 MT-AM
 Koepsell, Kilian - 784 MT-PM
 Koester, Dirk - **1036 WTh-PM**
 Koester, Philip - 252 WTh-PM
 Kofke, W Andrew - 844 MT-PM
 Koh, Hyo Jung - 884 WTh-PM
 Koh, Shuwei - 109 WTh-AM
 KOH, Yuri - 522 MT-PM
 Kohannim, Omid - **356 WTh-PM**
 Köhler, Markus - 1432 MT-PM
 Kohls, Gregor - 667 MT-AM, 675 MT-AM
 Kohn, Nils - 392 MT-PM, **387 MT-AM**, 394 MT-PM, 672
 WTh-PM
 Kohn, Philip - 1096 MT-PM, **294 MT-PM**, 481 WTh-AM,
 554 MT-PM, 642 WTh-PM, 723 WTh-AM, 724 WTh-PM,
 749 WTh-AM, 756 WTh-PM, 641 WTh-AM, 77 MT-AM
 Köhne, Svenja - 422 MT-PM
 Kohno, Milky - **253 WTh-AM**
 Kohno, Satoru - **821 MT-AM**, 841 MT-AM
 Koizumi, Hideaki - 824 MT-PM, 826 MT-PM, 834 MT-PM
 Koizumi, Masatoshi - 1103 WTh-AM
 Kojima, Shozo - 1108 WTh-PM, 1238 MT-PM
 Kok, Peter - **84 WTh-PM**
 Kolachana, Bhaskar - 557 MT-AM, 712 WTh-PM, 723
 WTh-AM, 724 WTh-PM, 733 WTh-AM, 554 MT-PM,
 749 WTh-AM
 Kolbitsch, Christian - 925 MT-AM
 Kolbrich-Spargo, Erin - 256 MT-PM
 Kolind, Shannon - 542 MT-PM
 Koller, Gabriele - 57 MT-AM
 Kollwe, Katja - 455 MT-AM
 Kollias, Spyros - 1278 MT-PM, 179 MT-AM
 Kolster, Hauke - **1483 MT-AM**
 Komaki, Gen - 653 WTh-AM
 Kömpf, Detlef - 1235 MT-AM
 Kompus, Kristiina - **1159 WTh-AM**
 Kondo, Chisato - 1129 WTh-AM
 Kong, Danyang - **81 WTh-AM**
 Kong, Lingyue - 1574 MT-PM
 Kong, Yazhuo - 872 MT-PM, **1402 WTh-PM**
 König, Reinhard - 1224 MT-PM
 Konishi, Seiki - **38 MT-PM**
 Konkle, Justin - 1221 MT-AM
 Könnecke, Katja - **631 MT-AM**
 Konopacki, Kelly - 122 MT-PM
 Konrad, Andreas - 1223 MT-AM, **487 WTh-AM**, 921 MT-AM
 Konrad, Carsten - 102 MT-PM, 1199 WTh-AM, 167
 WTh-AM, **42 MT-PM**, 628 WTh-PM, **695 MT-AM**, **764**
WTh-PM
 Konrad, Kerstin - 212 WTh-PM
 Konstantinou, Nikos - **235 MT-AM**
 Konvalinka, Ivana - **47 WTh-AM**
 Koo, Daniel - 1490 WTh-PM
 Koole, Michel - 226 MT-PM
 Koolschijn, P. Cédric - **214 WTh-PM**
 Koopmans, Peter - 918 WTh-PM, **953 WTh-AM**
 Kopecek, Miloslav - 376 MT-PM
 Kopell, Brian - 1354 WTh-PM, 1468 MT-PM, 23 MT-AM
 Kopietz, Rainer - 1127 MT-AM
 Koppelstaetter, Florian - 1079 MT-AM, 1080 MT-PM, 306
 MT-PM, 326 WTh-PM, **925 MT-AM**
 Kordon, Andreas - 371 MT-AM
 Koretsky, Alan - 842 WTh-PM
 Korinth, Sebastian - **1556 MT-PM**
 Koritnik, Blaž - **1306 MT-PM**
 Korman, Maria - 1141 WTh-AM
 Korn, Christoph - 507 WTh-AM
 Kornak, John - 360 WTh-PM
 Kornblith, Simon - 152 MT-PM
 Kornelsen, Jennifer - 671 WTh-AM, **972 WTh-PM**
 Kornysheva, Katja - **1308 MT-PM**
 Korostenskaja, Milena - **309 MT-AM**
 Korostil, Michele - **979 WTh-AM**
 Korotkov, Alexandr - 28 MT-PM
 Kortekaas, Rudie - 1506 WTh-PM, 416 MT-PM
 Koruga, Minya - 54 MT-PM
 Koschutnig, Karl - 269 MT-AM, 270 MT-PM, 869 MT-AM,
1237 WTh-AM, 195 WTh-AM
 Koski, Lisa - **6 WTh-PM**
 Kostic, Vladimir - 451 MT-AM, 453 MT-AM
 Kotani, Yasunori - 73 WTh-AM, **87 WTh-AM**
 kotchoubey, boris - **593 WTh-AM**
 Koten, Jan - 212 WTh-PM
 Koten, Jan-Willem - 91 WTh-AM
 Kötter, Rolf - 1185 MT-AM, 1190 MT-PM, 813 MT-AM,
 762 WTh-PM
 Kotz, Sonja - 1037 WTh-AM, 1049 WTh-AM, 1068 WTh-
 PM, 1111 WTh-AM, 1302 MT-PM
 Kotz, Sonja A. - **1185 WTh-AM**, 1329 MT-AM
 Koudstaal, Peter - 184 WTh-PM
 Kourtis, Dimitrios - **1274 MT-PM**
 Koush, Yury - **1197 WTh-AM**, 1413 MT-AM
 Koutsouleris, Nikolaos - 339 WTh-AM
 Kovacevic, Natasa - **1125 WTh-AM**, 1225 WTh-AM, 175
 WTh-AM, 979 WTh-AM
 Koval, Oleksiy - 1329 WTh-AM
 Koyama, Maki - **1586 MT-PM**
 Koyama, Tsukasa - 540 MT-PM
 Koychev, Ivan - **536 MT-PM**
 Kozak, Lajos - 139 WTh-AM, 800 WTh-PM
 Kozasa, Elisa - **40 MT-PM**
 Kozlovskiy, Stanislav - **157 WTh-AM**
 Krach, Soeren - 523 MT-AM, 667 MT-AM, 675 MT-AM, **704**
WTh-PM, 738 WTh-PM, 745 MT-AM
 Krach, Sören - 502 MT-PM, 698 WTh-PM, 743 MT-AM,
 744 MT-PM
 Krafnick, Anthony - **495 WTh-AM**
 Kraft, Robert - 1431 MT-AM, 973 MT-AM
 Kragel, James - 188 WTh-PM
 Kragel, Philip - 1163 WTh-AM
 Krägeloh-Mann, Ingeborg - 749 MT-AM, 1062 WTh-PM
 Kraguljac, Nina - 555 MT-AM
 Krajcovicova, Lenka - **467 MT-AM**
 Krakovska, Olga - 1134 MT-PM
 Kral, Tammi - 674 WTh-PM
 Kramer, Arthur - 1293 WTh-AM
 Kramer, Joel - 378 WTh-PM, 692 WTh-PM, 768 MT-PM
 Kramer, Uri - 223 MT-AM
 Kranz, Georg - **651 MT-AM**, 1373 WTh-AM
 Kranz, Thorsten - 1156 WTh-PM
 Kraskov, Alexander - 152 MT-PM
 Krauel, Kerstin - 917 MT-AM
 Kraus, Dror - **1400 MT-PM**
 Kraus, Nina - 1530 WTh-PM
 Krause, Bernd Joachim - 326 WTh-PM, 925 MT-AM
 Krause, Kristina - **1426 MT-PM**
 Krause, Vanessa - 1448 MT-PM
 Krauthamer, Michael - 31 MT-AM
 Krawczyk, Maciej - 1258 MT-PM
 Krcek, Jerry - 815 MT-AM
 Krebs, Nikolaus - 1321 MT-AM
 Kreifelts, Benjamin - 496 WTh-PM, **618 WTh-PM**, **633**
WTh-AM
 Kreisel, Stefan - 927 MT-AM
 Kremer, Stéphane - 1112 MT-PM
 Kress, Tobias - 613 MT-AM
 Krick, Christoph - 926 MT-PM
 Kriegeskorte, Nikolaus - 217 MT-AM, 803 MT-AM
 Kring, Ann - 506 MT-PM
 Krinzinger, Helga - **212 WTh-PM**
 Krippel, Martin - **728 MT-PM**
 Kristoffersen, Anders - 958 WTh-PM
 Kroeger, Soeren - **244 MT-PM**, 245 MT-AM
 Kröger, Michael - 273 WTh-AM
 Krol, Magdalena - **216 MT-PM**
 Krolak-Salmon, Pierre - 372 WTh-PM, 685 WTh-AM
 Krolicki, Leszek - 116 MT-PM
 Kroll, Tina - 890 MT-PM
 Kronberg, Eugene - 539 MT-AM
 Kronbichler, Martin - 1079 MT-AM, 1080 MT-PM, 1568
 MT-PM, **1572 MT-PM**, 444 WTh-PM, 473 WTh-AM,
 477 WTh-AM
 Krönke, Klaus-Martin - **1101 WTh-AM**
 Kropotov, Juri - 910 WTh-PM
 Krott, Andrea - 1530 MT-PM
 Krueger, Frank - 239 MT-AM
 Krueger, Gunnar - 141 WTh-AM, 862 WTh-PM
 Krueger, Sebastian - 35 MT-AM
 Krug, Axel - 523 MT-AM, 698 WTh-PM, 704 WTh-PM, 738
 WTh-PM, **502 MT-PM**
 Krug, Barbara - 399 WTh-AM
 Krüger, Jenny - 265 WTh-AM
 Kruger, Karsten - 146 WTh-PM
 Krüger, Samuel - 749 MT-AM
 Krumbholz, Katrin - 1528 WTh-PM, 898 WTh-PM
 Krunoslav, Stingl - 1393 MT-AM
 Krupa, Petr - 465 MT-AM, 529 WTh-AM
 Krschowitz, Johann - 620 WTh-PM
 Kryscio, Richard - 171 WTh-AM
 Krystal, John - 518 MT-PM
 Ku, Jeonghun - 24 WTh-PM, **434 MT-PM**, 625 WTh-AM
 Kuang, Weihong - 369 MT-AM
 Kubicki, Marek - 559 MT-AM
 Kübler, Andrea - 449 WTh-AM
 Kübler, Dorothee - **744 MT-PM**, 743 MT-AM
 Kubo, Hitoshi - 845 MT-AM
 Kubota, Kisou - 826 MT-PM
 Kuch, Jean - 978 WTh-PM
 Kuchinsky, Stefanie - 187 WTh-AM
 Kuchukhidze, Giorgi - **306 MT-PM**
 Kucian, Karin - **267 MT-AM**
 Kucukboyaci, N. Erkut - **100 MT-PM**
 Kuenzel, Johanna - 1547 WTh-AM, **665 MT-AM**
 Kueppers, Kerstin - 757 MT-AM
 Kugel, Harald - 102 MT-PM, 1199 WTh-AM, 167 WTh-AM,
 304 MT-PM, 543 MT-AM, 695 MT-AM, 757 MT-AM, 847
 MT-AM, 1290 MT-PM
 Kuhl, Hans Christian - 1536 WTh-PM
 Kühn, Andrea - 20 MT-PM
 Kühn, Anne B. - 1122 WTh-PM
 Kühner, Christine - 442 MT-PM
 Kuijsten, Wiebke - 329 WTh-AM

Kuiper, Anita - 1506 WTh-PM
Kuipers, Jan-Rouke - 1554 MT-PM
Kujala, Jan - **970 MT-PM**, 998 WTh-PM
Kujala, Teija - 309 MT-AM
Kulisevsky, Jaime - 1295 WTh-AM
Kulka, Anna - 1111 WTh-AM
Kulkarni, Jayashri - 490 MT-PM, 491 MT-AM
Kuller, Lewis - 318 WTh-PM, 319 WTh-AM
Kullik, Alexander - 850 WTh-PM
Kullmann, Stephanie - **1393 MT-AM**, **649 MT-AM**
Kumakura, Yoshitaka - 661 MT-AM
kumar, vinod - **1374 MT-PM**
Kumari, Veena - 296 MT-PM, 329 MT-AM, 347 MT-AM
Kumazawa, Noriko - **1441 WTh-AM**
Kümmerer, Dorothee - 1541 MT-AM, 594 MT-PM, **603 MT-AM**
Kumra, Sanjiv - 771 WTh-AM
Kumru, Hatiche - 16 WTh-PM
Kundu, Prantik - **1169 MT-AM**
Kung, Chun-Chia - **181 MT-AM**
Kung, Yi-Chia - **1070 MT-PM**
Kunii, Naoto - **913 WTh-AM**, 941 MT-AM, 891 WTh-AM
Kunimatsu, Akira - 1325 MT-AM
Kunz, Jörg - 164 WTh-PM
Kunze, Claudia - 621 MT-AM, 742 WTh-PM
Kuo, Bo-Cheng - **105 WTh-AM**, 136 WTh-PM
Kuo, Li-Wei - 839 WTh-AM
Kuo, W.-J. - 1067 MT-AM
Kuo, Wen Jui - 1526 MT-PM, 413 MT-AM, 80 MT-PM
Kupers, Ron - 898 MT-PM, 1543 WTh-AM, 904 MT-PM
Kupriyanova, Yuliya - **476 WTh-PM**, 800 MT-PM
Kupsch, Andreas - 20 MT-PM
Kuraoka, Koji - 1387 MT-AM, **760 MT-PM**
Kurata, Jiro - **1430 MT-PM**
Kurniawan, Veldri - 107 WTh-AM
Kuroda, Yasufumi - 835 MT-AM
Kurth, Florian - 1068 MT-PM, 59 WTh-AM, 712 MT-PM, 936 MT-PM
Kurup, Pradeep - **256 MT-PM**, 292 WTh-PM, 679 MT-AM, 866 MT-PM
Kusakabe, Kiyoko - 1129 WTh-AM
Kushnir, Tammar - 1307 MT-AM
Kushnir, Tammi - 1089 WTh-AM, 1249 MT-AM
Kuskowski, Michael - 375 WTh-AM
Kusumi, Ichiro - 540 MT-PM
Kutsukake, Mai - **702 MT-PM**
Kuzniecky, Ruben - 100 MT-PM, 1534 WTh-PM, 1591 MT-AM, 311 MT-AM
Kveraga, Kestas - 677 WTh-AM
Kwak, Ki-Chang - 1379 MT-AM
Kwak, Yongho - **323 MT-AM**
Kwak, Youngbin - **475 MT-AM**
Kwan, Anne S. K. - 187 MT-AM
Kwiatek, Richard - 765 WTh-AM
Kwok, Ka-Wai - 1121 WTh-AM
Kwon, Hun-Ki - 759 WTh-AM
Kwon, Hyeok Gyu - **809 WTh-AM**
Kwon, Hyukchan - 572 MT-PM, 955 WTh-AM
Kwon, Hyun Ji - 362 WTh-PM
Kwon, Jun Soo - 1136 WTh-PM, 1357 MT-AM, 1360 MT-PM, 496 MT-PM, 515 MT-AM, 522 MT-PM, 791 WTh-AM, 771 MT-AM
Kwon, Minseok - 944 WTh-PM, **975 WTh-AM**
Kwon, Ohhun - **320 WTh-PM**
KWON, SOON KOO - 756 MT-PM
Kwon, Yong Hyun - **2 MT-PM**, 808 WTh-PM
Kwon, Yong-Sil - 385 MT-AM
Kyeong, Sunghyon - **1025 MT-AM**
Kyong, Jeong-Sug - 1046 WTh-PM

La Corte, Valentina - **1175 WTh-AM**
La Joie, Renaud - 901 MT-AM
Laakso, Mikko - 708 MT-PM
Laaksonen, Hannu - **998 WTh-PM**, 970 MT-PM
LaBar, Kevin - 1163 WTh-AM, 653 WTh-AM
LABROUSSE, Marc - **767 WTh-AM**
Labus, Jen - **430 MT-PM**, 614 WTh-PM, 673 WTh-AM
Lacadie, Cheryl - 115 MT-AM, 250 WTh-PM, 50 WTh-PM
LaCalle, María - **873 MT-AM**, 891 MT-AM
Lacerda, Shirley - 40 MT-PM
Lacey, Simon - 1559 WTh-AM
Lachaux, Jean-Philippe - 1015 WTh-AM, 1059 MT-AM, 115 WTh-AM, 129 WTh-AM, 1309 MT-AM, 140 WTh-PM, 224 MT-PM, 227 MT-AM, 229 MT-AM, 907 WTh-AM, 332 MT-PM
Lachmann, Ulrike - 621 MT-AM
LaConte, Stephen - 1280 WTh-PM, 1503 MT-AM, 298 WTh-PM, 1310 WTh-PM
LaCount, Lauren - 1428 MT-PM, 1435 MT-AM, 1438 MT-PM, 41 WTh-AM
Ladd, Mark - 976 WTh-PM
Ladurner, Gunther - 1572 MT-PM, 444 WTh-PM, 477 WTh-AM
Lafaye de Micheaux, Pierre - 1206 WTh-PM
LaFrance, curt - 1346 WTh-PM
Lagadec, Saioa - 616 MT-PM
Lagae, Lieven - 1340 WTh-PM, 974 WTh-PM
Lage, Agustin - **929 WTh-AM**
Lagleyre, Sebastien - 1023 WTh-AM
Lagopoulos, Jim - 511 MT-AM
Laguë-Beauvais, Maude - **48 MT-PM**
Laharnar, Naïma - 658 MT-PM
Lahna, David - 269 WTh-AM
Lahnakoski, Juha - **1493 MT-AM**, 97 WTh-AM
Lahr, Jacob - 125 WTh-AM, **1322 WTh-PM**
Lahti, Adrienne - **555 MT-AM**
LaHue, Sara - **1358 MT-PM**, 458 WTh-PM
Lai, Waikong - 906 MT-PM
Laine, Matti - 1576 MT-PM
Laird, Angela - 1068 MT-PM, **1140 MT-PM**, 1301 WTh-AM, 281 WTh-AM, 395 WTh-AM, 930 MT-PM, 991 WTh-AM, 1015 MT-AM, 1041 MT-AM, 1296 MT-PM, 345 WTh-AM, 472 MT-PM, 1160 MT-PM, 59 WTh-AM
Lake, Lisa - 438 MT-PM
Lala, Nupur - 129 MT-AM
Lalancette, Marc - 1003 WTh-AM, 1126 WTh-PM
Lalanne, Christophe - 1218 MT-PM, 722 WTh-PM, **740 WTh-PM**
Lalonde, François - 514 MT-PM
Lalonde, Francois - 924 WTh-PM
Lamalle, Laurent - 1027 WTh-AM, 1298 MT-PM, 1518 MT-PM
Lambert, Christian - **1398 WTh-PM**
Lamberton, Franck - 932 WTh-PM, 203 WTh-AM
Lamborn Ralph, Matthew - 1021 WTh-AM, 1332 MT-PM, 1338 MT-PM, 730 MT-PM
Lambrey, Simon - 277 MT-AM
Lamm, Claus - 568 WTh-PM, **703 MT-AM**, 707 MT-AM
Lämmel, Eric - 1357 WTh-AM
Lamminmäki, Satu - 1004 WTh-PM, 153 MT-AM
Lampinen, Jouko - 1493 MT-AM, 97 WTh-AM
Lamy, Martine - **928 WTh-PM**, 183 MT-AM
Lan, Chun-Wei - 382 MT-PM, **403 WTh-AM**
Lan, Yu-Chen - **1434 MT-PM**
Lancaster, Jack - 1301 WTh-AM, 25 WTh-AM, 700 WTh-PM, 701 WTh-AM, 705 WTh-AM
Lancaster, Melissa - 390 WTh-PM
Landeau, Brigitte - 901 MT-AM
Landeira, Jose - 1236 MT-PM, 247 MT-AM, 825 MT-AM
Landgraf, Steffen - **239 MT-AM**
Landini, Luigi - 1262 MT-PM
Landman, Bennett - 1074 MT-PM, 1249 WTh-AM

Landolt, Hans-Peter - 1226 WTh-PM
Landré, Lionel - 1565 MT-AM
Landsness, Eric - 146 MT-PM
Landwehrmeyer, G. Bernhard - 470 MT-PM
Lane, Richard - 653 WTh-AM
Lane, Terran - 896 MT-PM
Lanfer, Benjamin - **877 WTh-AM**
Lang, Elmar - 1028 MT-PM
Lang, Simone - 593 WTh-AM, 686 MT-PM, **684 WTh-PM**
Langan, Jeanne - 148 WTh-PM
Langbehn, Douglas - 483 MT-AM
Langbein, Kerstin - 558 MT-PM
Langdon, Angela - **892 WTh-PM**
Lange, Elisabeth - 574 MT-PM
Lange, Rüdiger - 1336 WTh-PM, 248 MT-PM, 9 WTh-AM
Langen, Karl-Josef - 472 WTh-PM, 800 MT-PM, 889 MT-AM
Langenecker, Scott - 652 MT-PM, 666 WTh-PM
Länger, Anna - 55 MT-AM
Langers, Dave - **1092 MT-PM**, **1158 MT-PM**
Langfelder, Peter - 1017 MT-AM
Langkammer, Christian - **1321 MT-AM**
Langley, Jason - 958 MT-PM
Langner, Robert - **59 WTh-AM**, **61 WTh-AM**, 712 MT-PM
Langs, Georg - **1138 MT-PM**
Langworthy, Sara - **236 WTh-PM**, **678 MT-PM**, **680 MT-PM**
Lanius, Ruth - 354 MT-PM
Lankappa, Sudheer - 1228 MT-PM, 551 MT-AM
Lanoë, Céline - **203 WTh-AM**
Lansing, Amy - 348 MT-PM
Lanting, Cris - **898 WTh-PM**
Lantz, Goran - 317 MT-AM
Lanzenberger, Rupert - 1373 WTh-AM, 425 MT-AM, 651 MT-AM, 890 MT-PM
Laou, Laetitia - 278 MT-PM
Läppchen, Claus Henning - 248 MT-PM, **9 WTh-AM**
Laprie, Anne - 782 MT-PM
Laramee, Ella - 403 MT-AM
Larch, Julia - 306 MT-PM
Larcher, Kevin - 682 MT-PM, 685 MT-AM, 499 WTh-AM
Larivière, Laurent - 847 WTh-AM
Larrañaga, Pedro - 1205 WTh-AM, 1295 WTh-AM
Larson, Charles - 1312 MT-PM, 1314 MT-PM
Larson-Prior, Linda - 1183 MT-AM
Larsson, Elna Marie - 1386 WTh-PM
Larsson, Henrik - 933 MT-AM
LaSasso, Carol - 1490 WTh-PM
Lashkari, Danial - 1138 MT-PM
Lassonde, Maryse - 1380 MT-PM, 441 WTh-AM, 1498 MT-PM, 851 MT-AM, 1559 MT-AM, 1104 WTh-PM, 1585 WTh-AM, 339 MT-AM
Latinus, Marianne - 1578 WTh-PM, **203 MT-AM**, 211 MT-AM, 961 WTh-AM, 1557 WTh-AM
Lau, Deanna - 1177 MT-AM
Lau, Hakwan - 84 WTh-PM, 166 MT-PM
Laucht, Manfred - 708 WTh-PM
Laudes, Tom - 1157 WTh-AM
Laufer, Ilan - **50 WTh-PM**
Laufs, Helmut - 1391 MT-AM, 804 MT-PM, 809 MT-AM, 963 WTh-AM
Laugeson, Elizabeth - 411 WTh-AM
Laumann, Timothy - 1444 WTh-PM
Laura, Monno - 1375 WTh-AM
Laura, Stefanelli - 1242 MT-PM
Lauren, Browne - 557 MT-AM
Laureys, Steven - 1124 MT-PM, 143 MT-AM, 146 MT-PM, 147 MT-AM, 1538 WTh-PM, 183 MT-AM, 192 MT-PM, 448 WTh-PM, 449 WTh-AM, 612 MT-PM
Lauriello, John - 527 MT-AM
Laurienti, Paul - 174 WTh-PM, 735 WTh-AM, 973 MT-AM, 992 MT-PM, 1316 WTh-PM
Laurier, Laurence - 402 WTh-PM

Lausberg, Hedda - **82 MT-PM**
Lauterbach, Martin - 125 MT-AM
Lauwick, Séverine - 183 MT-AM
Lavie, Niili - 235 MT-AM
Lavric, Aureliu - 104 MT-PM
Law, Sam-Po - 1042 WTh-PM
Lawrence, Andrew - 398 MT-PM
Lawrence, Emma - **586 WTh-PM**
Lawrie, Stephen - 400 WTh-PM, 420 MT-PM, 575 MT-AM, 715 WTh-AM, 748 WTh-PM, 799 WTh-AM, 1423 WTh-AM
Lawson, Rebecca - 1478 MT-PM
Laxer, Kenneth - 319 MT-AM, 318 MT-PM
Lazar, Mariana - **830 WTh-PM**
Lazard, Diane - **1526 WTh-PM**
Lazeyras, Francois - 1088 WTh-PM, 1108 MT-PM, 1545 MT-AM, 1366 MT-PM
Lazzaro, Stephanie - 654 MT-PM
Le Bas, Jean-François - 1027 WTh-AM, 1298 MT-PM, 1517 MT-AM, 1518 MT-PM, 1548 MT-PM
Le Bihan, Denis - 1368 WTh-PM, 278 MT-PM, 818 WTh-PM, 925 WTh-AM
Le Floch, Edith - **722 WTh-PM**
Leahy, Richard - 1059 MT-AM, 1309 MT-AM, 1385 WTh-AM, 1062 MT-PM, 796 WTh-PM
Leaver, Amber - **1541 WTh-AM**
Lebed, Evgeniy - **1270 WTh-PM**
Lebel, Catherine - 490 WTh-PM, **835 WTh-AM**
Lebreton, Mael - **669 MT-AM**, 1390 MT-PM
Leclercq, Yves - **1321 WTh-AM**, **1343 WTh-AM**, 44 MT-PM, 448 WTh-PM
Lecuona, Marta - 131 MT-AM
Leder, Helmut - 208 MT-PM
Ledoux, Andrée-Anne - **524 MT-PM**
Ledoux, Didier - 147 MT-AM
Lee, Agatha - **716 WTh-PM**, 72 MT-PM, 746 WTh-PM, 747 WTh-AM, **776 WTh-PM**, 798 WTh-PM, **824 WTh-PM**
Lee, Athene - 612 WTh-PM
Lee, Buyean - 692 MT-PM
Lee, Byung Chul - 588 WTh-PM, 710 MT-PM
Lee, Chris - 1110 MT-PM
Lee, Chung Tai - 385 MT-AM
Lee, Daniel - 861 MT-AM, 865 MT-AM
Lee, Dong Soo - 1522 WTh-PM, 1529 WTh-AM, 322 MT-PM, 415 WTh-AM, 417 WTh-AM, 485 WTh-AM
Lee, Dong-hoon - **1342 MT-PM**, **1345 MT-AM**, **1353 MT-AM**
Lee, Dong-Kyun - **1129 MT-AM**
Lee, Dongha - **930 WTh-PM**
Lee, Eun - 24 WTh-PM, 434 MT-PM
Lee, Eun Mi - **307 MT-AM**
Lee, Hana - 458 WTh-PM
Lee, Hsu-Lei - **1244 WTh-PM**
Lee, Hwee Ling - **1580 WTh-PM**
Lee, Hye-Kyung - 415 WTh-AM, 417 WTh-AM, 485 WTh-AM
Lee, Hyejeon - **402 MT-PM**
Lee, Hyejung - 464 MT-PM
Lee, Hyeongrae - 24 WTh-PM, 434 MT-PM, 625 WTh-AM
Lee, Hyo-Jeong - **1522 WTh-PM**, 1529 WTh-AM
Lee, Hyojeong - 1526 WTh-PM
Lee, Hyunkyu - 1293 WTh-AM
Lee, Jae Sung - 322 MT-PM, 415 WTh-AM, 417 WTh-AM
Lee, Jeungchan - 1428 MT-PM, 41 WTh-AM
Lee, Ji-young Janet - **771 MT-AM**
Lee, Jin Hyung - **728 WTh-PM**
Lee, Jing-Huei - 928 WTh-PM
Lee, Joel - 375 WTh-AM, 1074 MT-PM
Lee, Jong-Hwan - **1144 MT-PM**, **1197 MT-AM**, 13 MT-AM
Lee, Jong-Min - 1129 MT-AM, 1360 MT-PM, 1379 MT-AM, 1436 WTh-PM, 320 WTh-PM, 366 WTh-PM, 383 WTh-AM
Lee, Jongho - **751 WTh-AM**

Lee, Joon Soo - 295 MT-AM
Lee, Jung Suk - **517 MT-AM**
Lee, Junki - **792 WTh-PM**, 1456 WTh-PM
Lee, Kang - 185 MT-AM, 701 MT-AM
Lee, KangUk - **1166 MT-PM**, 1512 WTh-PM, 365 MT-AM
Lee, Ki - 309 MT-AM
Lee, Kun Ho - 1472 WTh-PM
Lee, Kwang-Hyuk - 1228 MT-PM, 501 MT-AM
Lee, kyeheyong - 559 WTh-AM
Lee, Kyoung-Min - 189 MT-AM
Lee, Kyoung-Uk - **385 MT-AM**
Lee, Kyung-Min - 1492 MT-PM
Lee, Mary - 634 MT-PM, 679 MT-AM
Lee, Mi-Young - **1248 MT-PM**
Lee, Mijin - 1426 WTh-PM, 180 MT-PM
Lee, Minhye - **756 MT-PM**
Lee, Moo-Suk - 920 MT-PM, 935 MT-AM
Lee, Myung Joo - 294 WTh-PM
Lee, Myung-Jin - **558 WTh-PM**
Lee, Nancy - 709 MT-AM
Lee, Peter K.W. - 29 WTh-AM
Lee, Po-Lei - **905 WTh-AM**
Lee, Ray - 1502 MT-PM, **981 WTh-AM**
Lee, Sang - 294 WTh-PM
Lee, Sang Kun - 323 MT-AM
Lee, Sang-Kun - 322 MT-PM
Lee, Sangkyun - 521 WTh-AM, 933 WTh-AM
Lee, Sangkyun - **1294 MT-PM**
Lee, Sarah - 676 MT-PM
Lee, Seong-Joo - 955 WTh-AM
Lee, Seungbok - 1092 WTh-PM
Lee, Shinyi - **896 WTh-PM**
Lee, Shiu-Ping - 1339 MT-AM
Lee, Shu-Hui - 1094 WTh-PM, 111 MT-AM
Lee, Soon Jeong - 884 WTh-PM
Lee, Su Mei - 133 WTh-AM
Lee, Su Mei - 129 MT-AM
Lee, Su-Jeong - 75 WTh-AM
Lee, Suh - 319 WTh-AM, 356 WTh-PM, 703 WTh-AM, 726 WTh-PM
Lee, Suh - 354 WTh-PM, 360 WTh-PM
Lee, Tatia M. C. - **755 MT-AM**, 190 MT-PM
Lee, Tiffany M. Y. - 755 MT-AM
Lee, Wayne - 877 MT-AM
Lee, Yohan - 725 WTh-AM
Lee, Yong-Ho - 572 MT-PM, 955 WTh-AM
Lee-Jahnke, Hannelore - 1088 WTh-PM, 1545 MT-AM
Leech, Dennis - 1128 MT-PM
Leech, Jennifer - 562 WTh-PM
Leech, Robert - **1128 MT-PM**, 1573 MT-AM, 451 WTh-AM, 453 WTh-AM
Leemans, Alexander - 1319 MT-AM, 823 WTh-AM
Lefebvre, Christine - 962 MT-PM, 963 MT-AM
Lefebvre, Laura - **899 WTh-AM**
Lefebvre, Mylene - 1352 WTh-PM
Lefebvre, Philippe - 1538 WTh-PM
Lefèvre, Julien - **1204 MT-PM**
Leff, Alex - 93 MT-AM
Leff, Alexander - 615 MT-AM, 987 MT-AM, 600 MT-PM
Leff, Daniel - 1121 WTh-AM, 212 MT-PM, 839 MT-AM
Léger, Gabriel - **353 WTh-AM**
Legrain, Valery - 1448 MT-PM
Legré, Yannick - 335 WTh-AM
Leh, Sandra - **297 WTh-AM**, 387 WTh-AM
Lehembre, Rémy - **448 WTh-PM**, 449 WTh-AM
Lehericy, Stephane - 1138 WTh-PM, 1268 WTh-PM, 1326 MT-PM, 1334 MT-PM, 1361 MT-AM, 1363 WTh-AM, 338 MT-PM, 468 WTh-PM, 664 MT-PM
Lehmann, Dietrich - 151 MT-AM, 995 MT-AM
Lehmkuhl, Ulrike - 56 MT-PM, 639 MT-AM, 640 MT-PM
Lehnhardt, Fritz - 399 WTh-AM
Lehongre, Katia - 1382 MT-PM, 43 WTh-AM, **484 WTh-PM**
Lehr, Caroline - 1088 WTh-PM, 1545 MT-AM

Lehtonen, Minna - **1576 MT-PM**
Lei, Xuemei - **1359 MT-AM**, 423 MT-AM, 424 MT-PM
Leiberg, Susanne - 568 WTh-PM, **570 WTh-PM**, **700 MT-PM**, 631 WTh-AM
Leicht, Gregor - **544 MT-PM**, 55 MT-AM, 57 MT-AM, 164 WTh-PM, 530 MT-PM
Leifheit, Silke - 535 MT-AM
Leiguarda, Ramon - 408 WTh-PM
Leijten, Frans - 300 MT-PM
Leila, Haddad - 396 MT-PM, 547 WTh-AM
Leising, Kenneth - 945 MT-AM, 946 MT-PM
Leitao, Joana - **10 MT-PM**
Leite, Claudia - 1177 WTh-AM, 1378 MT-PM
Lekka, Nicoletta - 501 MT-AM
Leland, M. - 316 MT-PM, 34 WTh-PM
Lemaitre, Herve - 1250 WTh-PM, 852 WTh-PM, 393 MT-AM
Lemenager, Tagrid - 256 WTh-PM, 277 WTh-AM
Lemieux, Louis - 1240 WTh-PM, 325 MT-AM, 805 MT-AM, 963 WTh-AM
Lemmens, Sofie - 662 MT-PM
Lemos, Raquel - 1509 MT-AM
Lenartowicz, Agatha - 1150 MT-PM
Lenders, Mathieu - 878 WTh-PM
Lenggenhager, Bigna - 159 MT-AM, 201 MT-AM
Lenglet, Christophe - 871 WTh-AM, 867 WTh-AM
Lennox, Belinda - 569 MT-AM
Lenroot, Rhoshel - 490 MT-PM, 503 MT-AM, 974 MT-PM, 420 WTh-PM, 709 MT-AM
Lent, Ian - **733 WTh-AM**
Lenton, Ann - 1418 MT-PM
León, Miguel Angel - 247 MT-AM
Leonard, Christiana - **1593 MT-AM**
Leonard, Gabriel - 1539 WTh-AM, 433 WTh-AM
Leong, Ka Wai - 6 WTh-PM
Leoni, Renata - 330 MT-PM
Leopold, David - 1473 MT-AM
Leow, Alex - 1072 MT-PM, 360 WTh-PM, 726 WTh-PM, 840 WTh-PM, 865 WTh-AM, 866 WTh-PM, 867 WTh-AM
Lepage, Claude - **1349 WTh-AM**, 1382 WTh-PM, 490 WTh-PM, 769 MT-AM
Lepore, Franco - 1566 WTh-PM, 851 MT-AM, 1585 WTh-AM, 339 MT-AM
Lepore, Natasha - 355 WTh-AM, 441 WTh-AM, 716 WTh-PM, 746 WTh-PM, 747 WTh-AM, 798 WTh-PM, 824 WTh-PM, **796 WTh-PM**
Lepsien, Joeran - 1004 MT-PM, 1328 MT-PM, 245 WTh-AM, 911 WTh-AM, 912 WTh-PM, 1185 WTh-AM
Lerch, Jason - 243 WTh-AM, 502 WTh-PM
Leritz, Elizabeth - 1141 MT-AM, 280 WTh-PM, **817 WTh-AM**
Lerner, Alicja - 485 MT-AM
Lerner, Yulia - **1520 WTh-PM**
Lerotic, Mirna - 212 MT-PM
Leroux, Gaëlle - 203 WTh-AM
LEROY, Francois - **788 WTh-PM**
Lesage, Elise - 1230 MT-PM, **1231 MT-AM**
Lesage, Frédéric - 48 MT-PM, 833 MT-AM, 851 MT-AM, 339 MT-AM
Lesage, Frederic - 199 WTh-AM
Lesch, Klaus-Peter - 717 WTh-AM
Lescroart, Mark - **221 MT-AM**
Lesh, Tyler - 493 MT-AM, 584 MT-PM
Lester, Adam - 1140 WTh-PM
Leung, Hoi-Chung - 76 MT-PM
Leung, Rachel - 694 WTh-PM
Leunissen, Inge - 1319 MT-AM, **437 WTh-AM**
LeVan, Pierre - **1335 WTh-AM**, 308 MT-PM
Leventer, Richard - 311 MT-AM
Leverenz, Larry - 457 WTh-AM
Levin, Harvey - 456 WTh-PM
Levine, Jon - 1436 MT-PM

Levine, Joshua - 844 MT-PM
Levinson, Stephen - 276 MT-PM
Levy, Dana - 178 MT-PM
Levy, Ifat - **654 MT-PM**
Levy, Ory - 1479 WTh-AM
Lewis, Amanda - 233 WTh-AM
Lewis, Chris - 1027 MT-AM
Lewis, John - **1456 WTh-PM**
Lewis-Hanna, Lourence - **566 MT-PM**
Leyton, Marco - 685 MT-AM
Lhato, Samden - 963 WTh-AM
Li, Ang - 1438 MT-PM, 41 WTh-AM
Li, Ang - 1435 MT-AM
Li, Deyu - 178 WTh-PM
Li, Fei - 556 MT-PM
Li, Guangwei - 841 WTh-AM
Li, Jin - **423 MT-AM**, 424 MT-PM
Li, Jin - 378 MT-PM
Li, Jin - 1359 MT-AM
Li, Jing - 1344 MT-PM
Li, Jing-Rebecca - 818 WTh-PM
Li, Jun - 1284 MT-PM, 378 MT-PM
Li, Kai - 906 WTh-PM
Li, Karl - 1296 MT-PM
Li, Kiaming - 958 MT-PM
Li, Kuncheng - 309 WTh-AM
Li, Kuncheng - 324 WTh-PM
Li, Li - 423 MT-AM, 424 MT-PM
Li, Liang - 1518 WTh-PM
Li, Linqing - 1153 MT-AM
Li, Longchuan - 260 WTh-PM
Li, Longchuan - **833 WTh-AM**
Li, Meng - **1344 MT-PM**, 1439 WTh-AM, 1440 WTh-PM, 400 MT-PM
Li, Mingyi - 1040 MT-PM
li, na - **754 MT-PM**
li, na - 752 MT-PM
Li, Rui - 520 WTh-PM
Li, Shi-Jiang - **351 WTh-AM**
Li, Shi-Jiang - 267 WTh-AM
Li, Shu - 548 WTh-PM, 552 WTh-PM
Li, Shu-Chen - 778 MT-PM
Li, Shuyu - 178 WTh-PM
Li, Sufang - **378 MT-PM**
Li, Tieqiang - 359 WTh-AM
Li, Wenjing - 1344 MT-PM, **1439 WTh-AM**, **1440 WTh-PM**
Li, Wenjun - 267 WTh-AM, 351 WTh-AM
Li, Xiaobo - 1018 MT-PM, 178 WTh-PM
Li, Xiuli - 556 MT-PM
Li, Xuebing - **411 MT-AM**
Li, Yi - 469 WTh-AM
Li, Yi-Ou - **1200 WTh-PM**
Li, Yi-Ou - 1358 MT-PM
Li, YiChia - **1154 MT-PM**
Li, Zhihao - 260 WTh-PM, 772 WTh-PM
Li Hegner, Yiwen - 658 MT-PM
liang, jing - 752 MT-PM
Liang, Lichen - 720 WTh-PM
liang, xia - 1018 MT-PM
Liang, Zhifeng - 991 MT-AM
Liang, Zhu-Yuan - 548 WTh-PM
Liang, Zhuyuan - 552 WTh-PM
Liao, Chung-Min - 1294 WTh-PM
Liao, Steve - 850 MT-PM
Libby, Victoria - 766 MT-PM
Libenson, Amanda - 431 WTh-AM
Lieberman, Mark - 1043 WTh-AM
Liberzon, Israel - 437 MT-AM, 385 MT-AM
Licata, Stephanie - **1510 WTh-PM**
Licht, Daniel - 823 MT-AM
Liddle, Elizabeth - **505 WTh-AM**
Liddle, Peter - 505 WTh-AM
Lidzba, Karen - **1062 WTh-PM**

Lieb, Klaus - 73 MT-AM, 74 MT-PM
Liebenthal, Einat - **815 MT-AM**
Lieberman, Matthew - 584 MT-PM, 753 MT-AM
Liebscher, Claudia - 1110 WTh-PM, 367 MT-AM
Liemburg, Edith - **541 MT-AM**
Lienau, Florian - 1235 MT-AM
Liepelt, Roman - 1287 MT-AM
Lifshits, Shlomi - **1281 WTh-AM**
Light, Philip - 497 WTh-AM
Lightbody, Amy - 774 MT-PM
Lightfoot, Guy - 1525 WTh-AM
Liljeström, Mia - 998 WTh-PM
Lim, Grewo - 284 WTh-PM
Lim, Ji-Hyang - 189 MT-AM
Lim, Kelvin - 1317 WTh-AM, 527 MT-AM
Lim, Man Yoel - **1268 MT-PM**
Lim, Sabina - 1402 MT-PM, 69 WTh-AM
Lim, Sanghyun - 572 MT-PM
Lim, Soo Mee - 558 WTh-PM, 673 MT-AM
Limatola, Cristina - 121 WTh-AM, 127 WTh-AM
Limousin, Patricia - 456 MT-PM
Limperopoulos, Catherine - 1352 WTh-PM, 499 WTh-AM
Lin, Chia-Shu - 1414 MT-PM
LIN, CHIEN-HO - **912 MT-PM**
Lin, Chin-Teng - 292 MT-PM, **901 WTh-AM**
Lin, Ching-Po - 1070 MT-PM, 1348 MT-PM, 1445 WTh-AM, 1451 WTh-AM, 1455 WTh-AM, 1480 MT-PM, 382 MT-PM, 394 WTh-PM, 403 WTh-AM, 696 MT-PM, 766 WTh-PM, 818 WTh-PM, 838 WTh-PM, 896 WTh-PM, 919 WTh-AM
Lin, Chun-Yu - **1140 WTh-PM**
Lin, Fa-Hsuan - 1200 MT-PM, 553 MT-AM, 981 MT-AM
LIN, FA-HSUAN - **810 MT-PM**
Lin, Jack - 340 MT-PM
Lin, Nan - **1031 WTh-AM**
Lin, Pan - **1162 MT-PM**, **976 MT-PM**
Lin, Wei-Che - 1348 MT-PM, 1445 WTh-AM, 1455 WTh-AM
Lin, Weili - 1247 WTh-AM
Lin, Wen-Jing - 901 WTh-AM
Lin, Xiaodi - 456 WTh-PM
Lin, Yu-Te - 311 WTh-AM
Lin, Yuan-Pin - **1123 MT-AM**, **1297 WTh-AM**
Lina, Jean-Marc - 1010 WTh-PM
Lind, Johanna - **350 WTh-PM**
Linden, David - 722 MT-PM
Lindenberg, Robert - 1317 MT-AM, **620 MT-PM**
Lindemberger, Ulman - 163 MT-AM, 165 WTh-AM, 778 MT-PM
Lindner, Axel - 1413 WTh-AM
Lindner, Christian - 167 WTh-AM
Lindner, Michael - 135 MT-AM
Lindquist, Martin - 1346 WTh-PM, 1403 MT-AM, 1207 MT-AM
Lindsell, Christopher - 1020 WTh-PM, 1022 WTh-PM
Lindstrom, Kara - 664 WTh-PM
Ling, Josef - 39 WTh-AM
Linke, Annika - **1524 WTh-PM**
Linke, Julia - 180 WTh-PM, **360 MT-PM**
Linke, Yannick - **1336 WTh-PM**
Links, T.P. - 13 WTh-AM
Lino, Becerra - 1436 MT-PM
Linortner, Patricia - **1292 MT-PM**
Linyuan, Deng - 285 WTh-AM
Liotti, Mario - 505 WTh-AM, 909 WTh-AM, 908 WTh-PM
Liou, Jiun-Wei - 1264 WTh-PM
Liou, Michelle - 1173 MT-AM, **1264 WTh-PM**, 1294 WTh-PM
Lipka, Judith - 404 MT-PM
Lippe, Sarah - **593 MT-AM**
Lipsky, Robert - 171 WTh-AM
Lirng, Jiing-Feng - 1451 WTh-AM
Lisiecka, Danuta - **407 MT-AM**, 358 MT-PM

Lisinski, Jonathan - **1310 WTh-PM**, 1503 MT-AM, 298 WTh-PM
Litinsky, Irena - 1119 WTh-AM
Litvak, Vladimir - 1006 WTh-PM, 1144 WTh-PM, **456 MT-PM**
Liu, Bing - **727 WTh-AM**
Liu, Chao - **1546 MT-PM**
Liu, Chen-Chung - 526 MT-PM, 553 MT-AM
Liu, Cheng-Liang - **839 WTh-AM**
Liu, Chia-Ju - **311 WTh-AM**, **71 WTh-AM**
Liu, Chih-Min - 526 MT-PM, 553 MT-AM
Liu, Dongqiang - **1165 MT-AM**, 378 MT-PM
Liu, Guoxiang - **927 WTh-AM**
Liu, Haihong - 560 MT-PM
Liu, Hesheng - 334 MT-PM
Liu, Ho-Ling - 947 WTh-AM
Liu, Hon-Man - 838 WTh-PM
Liu, I-Chao - 839 WTh-AM, 948 MT-PM
Liu, Jiangang - 185 MT-AM
Liu, Jinyu - 567 MT-AM
Liu, Jun - 368 MT-PM
Liu, Li - **469 WTh-AM**
Liu, Liang - **1284 WTh-PM**
Liu, Po-Yu - 919 WTh-AM
Liu, Qi - 1359 MT-AM
Liu, Ran - 421 WTh-AM
Liu, Tai-Ying - 1011 WTh-AM
Liu, Tianming - 958 MT-PM
Liu, Tom - 1318 WTh-PM
Liu, Xiao - **1172 MT-PM**, **1220 WTh-PM**
Liu, Xiaofeng - 1086 MT-PM, 807 MT-AM
Liu, Xiaonan - **602 WTh-PM**, **552 WTh-PM**
Liu, Yanxi - 318 WTh-PM
Liu, Yijun - 285 WTh-AM
Liu, Yong - 560 MT-PM, 727 WTh-AM
Liu, Zhening - 560 MT-PM
Liuzzi, Gianpiero - 2 WTh-PM
Livingston, Leslie - 466 MT-PM
Livingstone, Anthea - 331 WTh-AM
Livneh, Neta - 1139 WTh-AM
Lizio, Roberta - **121 WTh-AM**
Lladó, Albert - 347 WTh-AM, 367 WTh-AM
Llanero, Marcos - 349 WTh-AM
Llebaria Parés, Gisela - 1295 WTh-AM
Llopis, Juanjo - 278 WTh-PM
Lloyd, Donna - 1447 MT-AM, **1455 MT-AM**, 1547 WTh-AM, 665 MT-AM
Lloyd-Fox, Sarah - 1228 WTh-PM, **838 MT-PM**
Lo, Chun-Yi - 1070 MT-PM, **1348 MT-PM**
Lo, Eng - 4 WTh-PM
Lo, Hanna - 519 WTh-AM
Lo, Victor - **307 WTh-AM**
Lo, Yu-Chun - 396 WTh-PM, 948 MT-PM
Lo Bianco, Luciana - 586 MT-PM, 955 MT-AM, 960 MT-PM
Lo Russo, Giorgio - 7 WTh-AM
Loayza, Francis R. - **1466 MT-PM**, 546 WTh-PM
Lobanov, Oleg - **1431 MT-AM**
Lobos, Elizabeth - 432 MT-PM
Lochner, Christine - 1388 MT-PM
Loeffler, Gerit - 639 WTh-AM
Loenneker, Thomas - 806 WTh-PM
Loerts, Hanneke - 1040 WTh-PM
Lovenbruck, Hélène - 1025 WTh-AM, 577 MT-AM
Loeys, Tom - 1215 MT-AM
Loggia, Marco - **1435 MT-AM**, 1438 MT-PM
Logothetis, Nikos - 1338 MT-PM, 145 MT-AM
Lohmann, Gabriele - **1003 MT-AM**, **1004 MT-PM**, 1020 MT-PM, 1188 MT-PM, **1324 WTh-PM**, 1468 WTh-PM, 621 MT-AM, 773 WTh-AM, 910 MT-PM
Loitfelder, Marisa - 623 WTh-AM
Loke, Ivy - 701 MT-AM
Lombardo, Francesco - 1546 WTh-PM, 324 MT-PM

London, Edythe - 1177 MT-AM, 253 WTh-AM, 47 MT-AM, 692 MT-PM
Long, Christopher - 1201 MT-AM
Long, Robert - 725 WTh-AM
Long, Xiangyu - 1244 MT-PM, **998 MT-PM**, 982 MT-PM, 378 MT-PM
longcamp, marieke - **1582 MT-PM**, **222 MT-PM**
Longe, Olivia - **597 WTh-AM**
Longstaffe, Sally - 463 WTh-AM, 465 WTh-AM
Lonsdorf, Tina - 664 WTh-PM
Looijestijn, Jasper - **549 MT-AM**
Loosli, Sandra - **950 MT-PM**
Lopera, Francisco - 608 WTh-PM
Lopes, Roseli - 1353 WTh-AM
Lopez, Brian - 1213 WTh-AM
Lopez, Isabel - 987 WTh-AM
López, Monica - 632 MT-PM
Lopez, Oscar - 318 WTh-PM, 319 WTh-AM, 703 WTh-AM
López, Pedro - **1205 WTh-AM**
López-Barroso, Diana - **1095 WTh-AM**
López-Cancio, Elena - 607 MT-AM, 614 MT-PM, 781 WTh-AM
López-Frutos, José María - 928 MT-PM
López-García, Pilar - 260 MT-PM, 563 MT-AM
Lopez-Higes, Ramón - 1076 WTh-PM
Lopez-Larson, Melissa - 244 WTh-PM, 384 MT-PM, 989 MT-AM
López-Olóriz, Jorge - **781 WTh-AM**
López-Solà, Marina - 1202 MT-PM, **380 MT-PM**, 386 MT-PM, 401 MT-AM, 414 MT-PM, 415 MT-AM
López-Valdés, Eva - 820 WTh-PM
Lôpprich, Martin - 1481 WTh-AM
Lord, Catherine - 1171 MT-AM, 426 WTh-PM
Lorenz, Robert - **265 WTh-AM**, 639 WTh-AM
Lorenzetti, Valentina - 276 WTh-PM, **299 WTh-AM**
Lorenzi, Marco - **317 WTh-AM**, 321 WTh-AM
Lorenzo-López, Laura - 928 MT-PM
Lorey, Britta - 1288 MT-PM, **1289 MT-AM**
Lori, Nicolas - 1309 WTh-AM
Losin, Elizabeth - **704 MT-PM**
Loth, Eva - 1090 MT-PM
Lotterrie, Jean-Albert - 782 MT-PM
Lotze, Martin - **1451 MT-AM**, 1566 MT-PM, 51 MT-AM, 636 WTh-PM, 651 WTh-AM, 943 WTh-AM
Loubinoux, Isabelle - 1189 MT-AM
Loughead, James - 507 MT-AM
Loui, Psyche - 1340 MT-PM
Lourdusamy, Anbarasu - 1426 MT-PM
Lourenço, Frederico - 1309 WTh-AM
Lovallo, William - 281 WTh-AM
Love, Scott - 133 MT-AM, **1578 WTh-PM**
Love, Tiffany - **650 MT-PM**, 666 WTh-PM
Lovejoy, David W - 439 WTh-AM
Lovestone, Simon - 335 WTh-AM
Low, Pauline - 1593 MT-AM
Lowe, Jean - 1007 MT-AM
Lowe, Mark - **1040 MT-PM**, 1120 WTh-PM, 1121 MT-AM, 399 MT-AM, 831 WTh-AM, 832 WTh-PM
Lozano-Soldevilla, Diego - **1116 MT-PM**
Lozupone, Madia - 586 MT-PM
LU, CHING-I - **1569 MT-AM**
Lu, Chun-Ming - 1023 MT-AM
Lu, Jie - 1243 WTh-AM, 324 WTh-PM
Lu, Jingjing - 1439 WTh-AM, 1440 WTh-PM
Lu, Mai - 3 MT-AM
Lu, Min - 1284 MT-PM
Lu, Ming-Chi - 311 WTh-AM
Lu, Xueming - 1031 WTh-AM
Lu, Zhong-Lin - 1056 MT-PM
Lu, Zhonglin - 1583 MT-AM
Lubin, Amélie - 203 WTh-AM, 204 WTh-PM
Lubin, Gad - 627 MT-AM
Lubman, Dan - 276 WTh-PM, 299 WTh-AM

Lubrano, Vincent - **16 MT-PM**, 782 MT-PM
Lubrich, Oliver - 1561 MT-AM, 1592 MT-PM
Lüchinger, Rafael - 853 MT-AM, **929 MT-AM**
Luders, Eileen - **1460 WTh-PM**
Ludolph, Albert - 1322 MT-PM, 1323 MT-AM, 1324 MT-PM, 789 MT-AM
Ludwig, Vera - 1543 MT-AM
Ludwikow, Marek - 1183 MT-AM
Luechinger, Roger - 1419 MT-AM, 635 MT-AM, 1411 MT-AM, 1456 MT-PM
Lueken, Ulrike - **620 WTh-PM**
Luerding, Ralf - 313 MT-AM
Luessi, Martin - **1203 WTh-AM**
Luetzkendorf, Ralf - **814 WTh-PM**, **815 WTh-AM**
Luh, Wen-Ming - 1169 MT-AM, 1527 WTh-AM, 1255 WTh-AM, **886 MT-PM**
Lui, Fausta - 1476 WTh-PM, 1478 WTh-PM
Lui, Su - 362 MT-PM, 369 MT-AM
Luijten, Peter - 840 MT-PM
Lukas, Scott - 1510 WTh-PM
Lukic, Sladjana - 1024 WTh-PM, 1521 MT-AM
Luks, Tracy - **108 MT-PM**
Luks, Tracy - 525 MT-AM
Lulé, Dorotheé - 1322 MT-PM, 449 WTh-AM, **789 MT-AM**
Luminet, Olivier - 251 WTh-AM
Luna, Beatriz - 421 WTh-AM
Luna, Guillermo - 1549 WTh-AM
Lund, Torben - 1212 WTh-PM, 665 WTh-AM
Lundbye-Jensen, Jesper - 1264 MT-PM
Lundervold, Arvid - 196 WTh-PM
Lundervold, Astri - 196 WTh-PM
Lungu, Ovidiu - 465 MT-AM, 1109 WTh-AM
Luo, Jing - 1399 WTh-AM
Luo, Qingfei - **1155 MT-AM**, **1156 MT-PM**, **1157 MT-AM**
Luo, Shan - 300 WTh-PM, **628 MT-PM**
Luo, Yingyi - **1051 WTh-AM**
Luo, Yuejia - 1284 MT-PM, 1546 MT-PM, 597 MT-AM, 538 WTh-PM, 645 MT-AM
Lutti, Antoine - 758 WTh-PM
Lutti, Anton - 1398 WTh-PM
Lutz, Antoine - 611 WTh-AM
Lutz, Jürgen - 164 WTh-PM
Lutz, Kai - 1411 MT-AM, **1419 MT-AM**, 1456 MT-PM, 635 MT-AM
Lutzenberger, Werner - 749 MT-AM
Luxen, André - 1141 WTh-AM
Luyster, Rhiannon - 240 WTh-PM
Lv, Bin - 1439 WTh-AM, 1440 WTh-PM
Lv, Yating - **1244 MT-PM**
Ly, Martina - 523 WTh-AM, 689 MT-AM, **772 MT-PM**
Lyman, Kyle - 93 WTh-AM
Lymer, Katherine - 1423 WTh-AM
Lynch, Lauren - 286 WTh-PM
Lynch, Mary Ellen - 260 WTh-PM, 772 WTh-PM
Lyra, Katarina - 1378 MT-PM
Lythgoe, David - 19 MT-AM, 871 MT-AM, 875 MT-AM, 887 MT-AM

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M. Arenaza-Urquijo, Eider - 846 WTh-PM
M. Murray, Micah - 1275 WTh-AM, 176 MT-PM, 264 MT-PM, 908 MT-PM
Ma, Hsin-Chieh - **948 MT-PM**
Ma, Ning - **706 MT-PM**
Maarouf, Mohammad - 21 MT-AM, 463 MT-AM
MABY, Emmanuel - **1403 WTh-AM**
Macaluso, Emiliano - 1350 WTh-PM
MacAskill, Michael - 466 MT-PM
Macaya, Alfons - 763 WTh-AM
MacCooon, Donal - 611 WTh-AM
MacDonald, Angus - 580 MT-PM
MacDonald, Mathew - 1537 MT-AM

Mach, Justyna - **1490 WTh-PM**
Machado, Melissa - 1177 WTh-AM
Machado_vieira, Rodrigo - 375 MT-AM
Machiraju, Raghu - 1258 WTh-PM
MacIntosh, Bradley - 702 WTh-PM
Mackay, Alice - **1263 MT-AM**
Mackay, Clare - 1276 MT-PM, 371 WTh-AM, 702 WTh-PM
Mackey, Allyson - **251 MT-AM**
MacMaster, Frank - 500 WTh-PM
MacNeil, Lindsey - 233 WTh-AM
Macoveanu, Julian - **506 WTh-PM**
Macq, Benoît - 448 WTh-PM
MacQueen, Glenda - 431 MT-AM
Madan, Neel - 1334 WTh-PM
Maddah, Mahnaz - 559 MT-AM
Maddrid, Eduardo - 533 WTh-AM
Mader, Irina - 106 WTh-PM, 1318 MT-PM, 594 MT-PM, 603 MT-AM, 9 WTh-AM, 950 MT-PM
Mader, Wolfgang - 1336 WTh-PM
Maderwald, Stefan - 976 WTh-PM
Madhyastha, Tara - **1356 WTh-PM**, 170 WTh-PM, 176 WTh-PM
Madison, Cindee - 1097 MT-AM, 819 MT-AM
Madjar, Cécile - 1384 MT-PM, **874 MT-PM**
Madore, Michelle - 928 WTh-PM
Madsen, Joseph - 1534 WTh-PM
Madsen, Kathrine Skak - **201 WTh-AM**
Madsen, Kristoffer - 1267 MT-AM, 1291 WTh-AM, 1298 WTh-PM, 1307 WTh-AM
Madsen, Sarah - **305 WTh-AM**, 355 WTh-AM
Maechler, Paul - 1494 WTh-PM
Maeda, Yumi - **41 WTh-AM**
Maeder, Philippe - 306 WTh-PM, 84 MT-PM
Maes, Frederik - 1434 WTh-PM
Maesako, Takanoiri - 835 MT-AM
Maess, Burkhard - 1050 WTh-PM, 1068 WTh-PM
Maestre Gonzalez, Yolanda - 1202 MT-PM
Maestu, Ceferino - 1076 WTh-PM
Maestú, Fernando - 1076 WTh-PM, 189 WTh-AM, 928 MT-PM, **349 WTh-AM**
Magalhães Jr, Pedro Paulo - 1177 WTh-AM
Magnin, Michel - 1464 MT-PM
Magnotta, Vincent - 1393 WTh-AM, 527 MT-AM, 483 MT-AM
Magnuson, Matthew - 1180 MT-PM
Maguire, Sinead - 333 MT-AM
Mah, Linda - **694 WTh-PM**
Mahajan, Sunny - **1124 MT-PM**
Maharajh, Keeran - 539 MT-AM, **994 WTh-PM**
Maheu, Francoise - **363 MT-AM**
maheux, manon - 199 WTh-AM
Mai, Xiaogin - 1546 MT-PM
Maier, Christiane - 870 MT-PM
Maier, Simon - 410 MT-PM, **479 WTh-AM**, 504 WTh-PM, 802 MT-PM
Mainero, Caterina - **1491 WTh-AM**
Maisein, Marcella - 1391 MT-AM, 809 MT-AM
Maitra, Raka - **1442 WTh-PM**
Majeed, Waqas - **1180 MT-PM**
Majerus, Steve - 288 MT-PM, 612 MT-PM
Majid, Dewan-Syed Adnan - **481 MT-AM**
Makeig, Scott - 1151 MT-AM, **1152 MT-PM**, 1297 WTh-AM
Mäkelä, Jyrki - 609 MT-AM
Maki, Atsushi - 824 MT-PM, 832 MT-PM, 834 MT-PM
Makin, Alexis - 1416 WTh-PM, **94 WTh-PM**
Makin, Tamar - 1488 MT-PM
Makni, Salima - **1193 WTh-AM**
Makris, Nikos - 294 WTh-PM, 483 WTh-AM, 720 WTh-PM
Maksimovskiy, Arkadiy - 280 WTh-PM
Maksimow, Anu - 1038 MT-PM
Malach, Rafael - 155 MT-AM, 223 MT-AM, 178 MT-PM
Malatesta, Cristina - 41 WTh-AM
Malave, Vicente - **1061 MT-AM**

Maleki, Nasim - **1375 MT-AM**
Malherbe, Caroline - 1334 MT-PM, **1361 MT-AM**
Malhi, Gin - 511 MT-AM
Malik, Tariq - 1441 MT-AM
Malikova, Irina - 494 WTh-PM, 883 MT-AM
Malinen, Sanna - 1424 MT-PM
Malisza, Krisztina - **463 WTh-AM, 465 WTh-AM**
Malizia, Andrea - 1348 WTh-PM
Mall, Jean-Frédéric - 84 MT-PM
Mallet, Luc - 419 MT-AM, 468 WTh-PM
Mallinger, Allan - 353 MT-AM
Mallow, Johannes - 1157 WTh-AM
Malmberg, David - 1494 WTh-PM
Malone, Stephen - 678 MT-PM, 680 MT-PM
Malony, Allen - 906 WTh-PM
Malpica, Norberto - 78 MT-PM, 820 WTh-PM
Maluchenko, Natalia - 128 WTh-PM
Manczak, Tiago - 1523 WTh-AM
Mandel, Anne - **153 MT-AM**
Mandeville, Joseph - 1505 WTh-AM
Mandl, René - 1365 MT-AM, 537 MT-AM, **840 MT-PM**
Mang, Sarah - 1374 MT-PM
Manganotti, Paolo - 1117 MT-AM, 799 MT-AM
Mangia, Silvia - **454 MT-PM, 789 WTh-AM**
Mangin, Jean-François - 1075 MT-AM, 1204 MT-PM, 1326 MT-PM, 1362 WTh-PM, 1363 WTh-AM, 1368 WTh-PM, 819 WTh-AM, 1368 MT-PM, 1475 WTh-AM, 788 WTh-PM, 818 WTh-PM, 847 WTh-AM
Mangin, Patrice - 84 MT-PM
Manjon, Jose - 1071 MT-AM, 1352 WTh-PM
Manley, Geoffrey - 458 WTh-PM
Manly, Tom - 74 WTh-PM
Mann, Andreas - 72 WTh-PM
Mann, Karl - 246 WTh-PM, 256 WTh-PM, 272 WTh-PM, 277 WTh-AM
Mannie, Zola - 349 MT-AM
Mannuzza, Salvatore - 502 WTh-PM
Mano, Hiroaki - **1467 MT-AM**, 188 MT-PM
Mano, Yoko - 1103 WTh-AM, 734 MT-PM
Manoach, Dara - 499 MT-AM, 527 MT-AM
Manor, Brad - 1394 MT-PM
Manor, David - 1089 WTh-AM, 1249 MT-AM, **1307 MT-AM**
Manset, David - 335 WTh-AM
Mantini, Dante - **1179 MT-AM**
Mantini, Dante - 1051 MT-AM, 1239 WTh-AM, 1250 MT-PM, 335 MT-AM, 970 WTh-PM, 1052 MT-PM
Mao, Hui - **1246 WTh-PM**
Mao, Jianren - 294 WTh-PM
Mao, Qing - **1500 MT-PM**
Maquet, Pierre - 1226 WTh-PM, 1237 MT-AM, 1321 WTh-AM, 1343 WTh-AM, 1438 WTh-PM, 373 MT-AM, 44 MT-PM
Mar, Raymond - **254 MT-PM**
Maratos, Frances - 597 WTh-AM
Maraviglia, Bruno - 1350 WTh-PM
Marcano, Francisco - 1236 MT-PM, 131 MT-AM, 1572 WTh-PM, 247 MT-AM, **825 MT-AM**, 848 MT-PM
Marcelino, Yolanda - 131 MT-AM
Marchant, Jennifer - **1573 WTh-AM**, 528 WTh-PM
Marchel, Andrzej - 982 WTh-PM
Marchewka, Artur - 717 MT-AM
Marchione, Karen - 835 WTh-AM
Marco, Castelli - 1534 MT-PM
Marco, Elysa - 1013 WTh-AM
Marco-Pallarés, Josep - 1299 MT-AM, 1116 MT-PM, 890 WTh-PM
Marcotte, Karine - **1535 MT-AM**
Marcus, Daniel - 962 WTh-PM
Marecek, Radek - 1 WTh-AM, 1325 WTh-AM, 305 MT-AM, 467 MT-AM, 529 WTh-AM, 465 MT-AM, 70 WTh-PM, **808 MT-PM**
Marengo, Stefano - 820 MT-PM, 852 WTh-PM
Mareschal, Denis - 218 WTh-PM
Mareyam, Azma - 864 WTh-PM
Margulies, Daniel - 1003 MT-AM, 1004 MT-PM, 1188 MT-PM, **1198 MT-PM**, 1244 MT-PM, 234 WTh-PM, 241 MT-AM, 486 MT-PM, **621 MT-AM**, 624 MT-PM, 691 WTh-AM, 742 WTh-PM, 910 MT-PM, 998 MT-PM, 1145 WTh-AM
Maria A., Rocca - **1242 MT-PM**, 721 MT-AM
Mariani, Luigi - 337 MT-AM
Maril, Anat - **1139 WTh-AM**
Mariotti, Maurizio - 7 WTh-AM
Maris, Eric - 49 WTh-AM, **90 WTh-PM**
Marjoram, Dominic - 418 WTh-PM
Mark, Clarisse - **1210 WTh-PM, 1211 WTh-AM**
Markl, Alexandra - 593 WTh-AM
Markopoulos, Gerasimos - **1153 WTh-AM**
Markov, Nikola - 1444 WTh-PM
Markov, Valentin - 523 MT-AM, 698 WTh-PM, 704 WTh-PM, 387 MT-AM, 392 MT-PM, 738 WTh-PM
Markowitsch, Hans - 927 MT-AM
Marksteiner, Josef - 424 WTh-PM
Markus, Ploner - 1448 MT-PM
Marle, Hein - 575 WTh-AM
Marota, John - 294 WTh-PM
Marquand, Andre - **1265 WTh-AM, 1502 WTh-PM**, 1276 WTh-PM, 362 MT-PM, 724 MT-PM
Marques, Ana - 22 MT-PM
Marrakchi-Kacem, Linda - **1326 MT-PM**, 1334 MT-PM, **1362 WTh-PM, 1363 WTh-AM**, 1368 WTh-PM
Marras, Carlo - 1534 MT-PM
Marelec, Guillaume - 1237 MT-AM, 1334 MT-PM
Marrus, Natasha - **432 MT-PM**
Mars, Rogier - 1281 MT-AM, **29 MT-AM**, 41 MT-AM, 522 WTh-PM, 544 WTh-PM, 67 MT-AM, 903 MT-AM
Marshall, Gad - 384 WTh-PM
Marslen-Wilson, William - 803 MT-AM
Marsman, Jan-Bernard - **220 MT-PM**
Marsolais, Yannick - 199 WTh-AM
Martelli, Catherine - 1271 WTh-AM
Martens, Mieke - 662 MT-PM
Martens, Sander - 640 WTh-PM
Marti, Maria Jose - 448 MT-PM, 6 MT-PM
Martí-Bonmati, Luis - 1107 MT-AM
Marti-Climent, Josep - 338 WTh-PM
Martí-Fàbregas, Joan - 836 MT-PM
Martin, Alex - 1181 MT-AM, 1314 WTh-PM, 1327 WTh-AM, 1553 WTh-AM, 393 WTh-AM
Martin, Buschkuehl - 944 MT-PM
Martin, Clara - **1554 MT-PM**
Martin, Donna - 1171 MT-AM
Martin, Elizabeth - 687 WTh-AM, 688 WTh-PM
Martin, Ernst - 473 WTh-AM, 853 MT-AM, 929 MT-AM
Martin, Heni - 1393 MT-AM
Martin, Nicholas - 1372 MT-PM, 716 WTh-PM, 743 WTh-AM, 747 WTh-AM, 824 WTh-PM, 871 WTh-AM, 1196 MT-PM, 729 WTh-AM, 744 WTh-PM
Martin, Romain - 281 MT-AM
Martin, Victoria - **1149 WTh-AM**
Martin-Fiori, Ernst - 267 MT-AM
Martin-Harris, Laurel - **380 WTh-PM**, 374 WTh-PM
Martín-Hernández, Miriam - 848 MT-PM
Martin-Loeches, Manuel - 1028 WTh-PM, 1038 WTh-PM, 1039 WTh-AM, 1079 WTh-AM
Martin-Santos, Rocio - 386 MT-PM, 415 MT-AM
Martineck, Donna - 882 MT-PM
Martinerie, Jacques - 1015 WTh-AM, 887 WTh-AM
Martines Montes, Eduardo - 851 MT-AM
Martínez, Juan Carlos - 314 MT-PM
Martínez, Kenia - 72 MT-PM
Martínez Quintana, Yaiselene - **624 WTh-PM**
Martínez-Jauand, Mercedes - 1126 MT-PM
martinez-lage, pablo - 149 MT-AM
Martínez-Montes, Eduardo - 1095 MT-AM, 608 WTh-PM, 929 WTh-AM
Martínez-Ramón, Manel - 993 WTh-AM
Martinez-Vilalta, Miquel - 1202 MT-PM
Martino, Elena - 873 MT-AM, **891 MT-AM**
Martinot, Jean-Luc - 1271 WTh-AM, 393 MT-AM
Martinu, Kristina - **450 MT-PM**
Martuzzi, Roberto - **1443 MT-AM**, 918 MT-PM
Marxen, Michael - **1242 WTh-PM**
Marzano, Nicola - 121 WTh-AM
Marzola, Pasquina - 862 WTh-PM
Masaki, Hiroaki - 516 WTh-PM
Mascetti, Laura - 1141 WTh-AM, 1226 WTh-PM
Masdeu, Joseph - 1096 MT-PM, 338 WTh-PM, 554 MT-PM, 641 WTh-AM, 720 WTh-PM, **749 WTh-AM**, 77 MT-AM
Masellis, Rita - 960 MT-PM
Maskell, Kimberley - 497 WTh-AM
Mason, Liam - **681 MT-AM**, 642 MT-PM, 1447 MT-AM
Mason, Robert - 1577 MT-AM
Masoumi, Marjan - 868 WTh-PM
Massey, Ashleigh - 490 WTh-PM
Massey, Donald - 490 WTh-PM
Massimini, Marcello - 146 MT-PM, 147 MT-AM, 7 WTh-AM
Mast, Hansjörg - 1564 WTh-PM, 182 MT-PM, 229 WTh-AM
Masten, Carrie - 753 MT-AM
Master Triet, Thich Thong - 171 MT-AM
Mastropasqua, Angela - 955 MT-AM
MASUDA, Sayako - 252 MT-PM
Mata, Ignacio - 1433 WTh-AM, 516 MT-PM
Mataix-Cols, David - 352 MT-PM, 372 MT-PM, 428 WTh-PM
Matarazzo, Luca - 1141 WTh-AM, 1226 WTh-PM
Mataró, Maria - 607 MT-AM, 614 MT-PM, 781 WTh-AM
Mateos-Pérez, José María - 873 MT-AM
Mather, Karen - 304 WTh-PM
Mathew, Blessy - 1120 WTh-PM
Mathiak, Klaus - 1019 WTh-AM, 1197 WTh-AM, 364 MT-PM, 507 MT-AM, 631 WTh-AM, 672 MT-PM, **674 MT-PM**, 745 MT-AM, 1413 MT-AM
Mathiak, Krystyna - **672 MT-PM**, 674 MT-PM
Mathias, Pessiglione - 669 MT-AM
Mathias, Zink - 547 WTh-AM
Mathys, Christoph - **539 WTh-AM**
Mato Abad, Virginia - **340 WTh-PM**
Matsubara, Toshio - 508 MT-PM, 516 WTh-PM
Matsuda, Ryoichi - 824 MT-PM, 834 MT-PM
Matsuda, Tsuyoshi - 845 MT-AM
Matsuda, Yoshi-Taka - **705 MT-AM**
Matsubashi, Masao - 1395 WTh-AM
Matsumoto, Kenji - 625 MT-AM
Matsumoto, Madoka - 625 MT-AM
Matsunaga, Naofumi - 508 MT-PM
Matsuo, Kayako - 151 WTh-AM, 152 WTh-PM, 177 WTh-AM, **526 MT-PM**
Matsuo, Koji - **376 MT-PM**, 508 MT-PM, 516 WTh-PM
Matsuura, Masato - 680 WTh-PM
Mattace Raso, Francesco - 184 WTh-PM
Mattai, Anand - **514 MT-PM**
Mattay, Venkata - 1250 WTh-PM, 433 MT-AM, 531 MT-AM, 557 MT-AM, 712 WTh-PM, 723 WTh-AM, 733 WTh-AM, 820 MT-PM
Matthäus, Franziska - 1533 MT-AM
Matthews, Paul - 1133 WTh-AM, 336 WTh-PM, 342 WTh-PM, 477 MT-AM, 633 MT-AM, 702 WTh-PM, 821 WTh-AM
Matthews, Scott - 348 MT-PM
Mattingley, Jason - 156 MT-PM, 271 MT-AM, 627 WTh-AM, 77 WTh-AM
Mattisi, Irene - 845 WTh-AM
Mattle, Heinrich P - 1481 MT-AM
Mattout, Jeremie - 1403 WTh-AM, 259 MT-AM
Mattson, Sarah - 491 WTh-AM
Matumoto, Kenji - 715 MT-AM
Matumoto, Madoka - 715 MT-AM
Matysiak, Marek - 1224 MT-PM

Maudoux, Audrey - **1538 WTh-PM**
Maugière, François - 332 MT-PM
mauleon, ana - 149 MT-AM
Maurage, Pierre - 1558 WTh-PM, **251 WTh-AM**, 603 WTh-AM
Maurer, Konrad - 552 MT-PM
Maurer, Urs - 1588 MT-PM, **473 WTh-AM**
Max, Jeffrey - 348 MT-PM
Maxime, Guye - 328 MT-PM
May, Arne - 1410 MT-PM
May, Patrick - 1513 WTh-AM
May, Philip - 491 WTh-AM
Mayberg, Helen - 1006 MT-PM, 1063 MT-AM, 1223 WTh-AM, 1376 MT-PM, 965 MT-AM
Maye, Jacqueline - 384 WTh-PM
Mayer, Andrew - 1142 MT-PM, 1223 WTh-AM, 39 WTh-AM, 896 MT-PM
Mayer, Emeran - 233 MT-AM, 430 MT-PM, 614 WTh-PM, 673 WTh-AM
Mayer, Geert - 1330 MT-PM, 452 MT-PM
Mayes, Linda - 1448 WTh-PM
Mayhew, Stephen - **798 MT-PM**
Mayo, Willy - 478 MT-PM
Mayselless, Naama - **1562 MT-PM**
Mazaheri, Ali - **123 WTh-AM**, 813 MT-AM
Mazar, Nina - 531 WTh-AM
MAZERE, Joachim - **478 MT-PM**
Mazerolle, Erin - 301 MT-AM, **920 WTh-PM**
Mazoyer, Bernard - 1168 MT-PM, 126 MT-PM, 932 WTh-PM, 203 WTh-AM
Mazuka, Reiko - 705 MT-AM
Mazza, Veronica - 812 MT-PM
Mazzetto-Betti, Kelley - 330 MT-PM
Mazziotta, John - 682 WTh-PM
Mbwana, Juma - 427 WTh-AM
McAdams, Stephen - 217 MT-AM
McAleer, Phil - **133 MT-AM**, 1550 WTh-PM, 1578 WTh-PM, 418 WTh-PM
McAndrews, Mary Pat - 1178 WTh-PM, **1190 WTh-PM**, 619 MT-AM, 1179 WTh-AM
McAvoy, Mark - **1183 MT-AM**, 92 WTh-PM
McCabe, Jonathan - 578 WTh-PM
McCaffrey, Daniel - 1488 WTh-PM
McCandliss, Bruce - 1588 MT-PM, 274 MT-PM
McCarthy, Gregory - 108 WTh-PM, 133 WTh-AM
McCloskey, Angela - 761 WTh-AM
McClure-Tone, Erin - 377 MT-AM
McCluskey, Tina - 243 WTh-AM
McDaniel, Jonathan - 1181 MT-AM
McDannold, Nathan - 13 MT-AM
McDonald, Brenna - 405 WTh-AM
McDonald, Carrie - 311 MT-AM
McDougle, Christopher - 405 WTh-AM
McDowell, Jennifer - 583 MT-AM
McEvoy, Andrew - 325 MT-AM, 341 MT-AM, 805 MT-AM, 963 WTh-AM
McFarlane, Alexander - 354 MT-PM
McFarlane, Brady - 1503 WTh-AM
McFarlin, Dan - 674 WTh-PM
McGarragle, Olivia - 500 WTh-PM
McGeown, William - 731 WTh-AM
McGlinchey, Regina - 1141 MT-AM, 280 WTh-PM, 817 WTh-AM
McGonigle, John - **1348 WTh-PM**
McGorry, Patrick - 355 MT-AM
McGregor, Keith - 1341 MT-AM
McGregor, William - 528 WTh-PM
McGuire, Philip - 362 MT-PM, 500 MT-PM, 564 MT-PM, 765 MT-AM
McLree, Carolyn - 775 WTh-AM
McIntosh, Andrew - 400 WTh-PM, 420 MT-PM, 715 WTh-AM
McIntosh, Anthony - 1132 WTh-PM, 1576 WTh-PM, 175 WTh-AM, 222 WTh-PM, 979 WTh-AM, 1134 MT-PM, 1225 WTh-AM, 1125 WTh-AM, 33 MT-AM, 521 MT-AM
McIver, Theresa - 972 WTh-PM
McKay, Colette - 1567 WTh-AM
McKay, David - **718 WTh-PM**
McKay, Lawrie - 411 WTh-AM
McKay, Lawrie - **418 WTh-PM**
McKeith, Ian - 331 WTh-AM
McKenna, Peter - 548 MT-PM
McKenzie, Joyce - 913 MT-AM
McKenzie, Kirsten - 1447 MT-AM, 1455 MT-AM
McKeown, Martin - 791 MT-AM
McLaren, Donald - **193 WTh-AM**, 435 WTh-AM, 455 WTh-AM, 1176 MT-PM
McMahon, Deborah - 1488 WTh-PM, 382 WTh-PM, 377 WTh-AM
McMahon, Katie - 1196 MT-PM, 1372 MT-PM, 716 WTh-PM, 729 WTh-AM, 743 WTh-AM, 746 WTh-PM, 824 WTh-PM, 744 WTh-PM, 747 WTh-AM, 871 WTh-AM
McManus, Claire - 41 WTh-AM
McMillan, Liv - 936 WTh-PM
McMullen, Katrina - **542 MT-PM**
McNab, Fiona - 949 MT-AM, 961 MT-AM
McNab, Jennifer - 813 WTh-AM, 872 WTh-PM
McNamee, Rebecca - **290 WTh-PM**
McNealy, Kristin - 1105 WTh-AM, 1139 MT-AM
McNeil, Christopher - 185 WTh-AM
McNorgan, Chris - **224 WTh-PM**, 1033 WTh-AM, 215 WTh-AM
Meaney, James - 407 MT-AM
Mechelli, Andrea - **362 MT-PM**, **500 MT-PM**
Medaglia, Maria Teresa - 1530 MT-PM, **237 MT-AM**, **238 MT-PM**
Medeiros, Bruno - 1353 WTh-AM
Medford, Nick - 586 WTh-PM
Medvedev, Andrei - **858 MT-PM**
Medvedev, Svyatoslav - 28 MT-PM, 46 WTh-PM
Meguid, Nagwa - 488 WTh-PM
Mehner, Jan - 1407 WTh-AM, **241 MT-AM**, **828 MT-PM**, 846 MT-PM
Mehta, Mitul - 1500 WTh-PM, 1502 WTh-PM, 1497 WTh-AM, 1504 WTh-PM
Mehta, Sonya - 1057 MT-AM, 1356 WTh-PM, **688 MT-PM**, 262 MT-PM
Mehta, V - 1540 MT-PM
Mei, Leilei - 1583 MT-AM
Meier, Michael - 1419 MT-AM, 1456 MT-PM
Meier, Timothy - 1012 MT-PM
Meindl, Thomas - 1222 WTh-PM, 1285 MT-AM, 164 MT-PM, 164 WTh-PM, 4 MT-PM, 430 WTh-PM, 439 MT-AM, 46 MT-PM, 613 WTh-AM
Meintjes, Ernesta - 1233 MT-AM, 1238 WTh-PM, 501 WTh-AM
Meiri, Hedva - **1114 WTh-PM**
Meisenzahl, Eva - 358 MT-PM, 366 MT-PM
Meissner, Wassilios - 478 MT-PM
Mekonnen, Abeye - **3 MT-AM**
Mélanie, Péligrini-Issac - 1034 MT-PM
Melcher, Tobias - **72 WTh-PM**, 89 WTh-AM
Meletti, Stefano - 191 MT-AM
Melie-García, Lester - 1450 WTh-PM, **1464 WTh-PM**, 812 WTh-PM, 753 WTh-AM
Mellah, Samira - 328 WTh-PM
Melle, Ingrid - 565 MT-AM, 574 MT-PM
Mellet, Emmanuel - 1168 MT-PM, 126 MT-PM, 932 WTh-PM, 203 WTh-AM
Mello, Luiz Eugênio - 40 MT-PM
Melloni, Lucia - 199 MT-AM
Meltzer, Carolyn - 318 WTh-PM
Meltzer, Jed - 1062 MT-PM
Melzer, Corina - 1371 MT-AM, 1492 WTh-PM
Melzer, Tracy - **466 MT-PM**
Melzig, Christiane - 651 WTh-AM
Menchón, José Manuel - 380 MT-PM, 414 MT-PM, 401 MT-AM
Menegaz, Gloria - 212 MT-PM
Menenti, Laura - **1524 MT-PM**
Menezes, Paulo - 1381 MT-AM
Menezes Nunes, Rafael - **345 MT-AM**
Mengotti, Paola - **1280 MT-PM**
Menke, Ricarda - **336 WTh-PM**, 342 WTh-PM, **477 MT-AM**, 821 WTh-AM
Mennes, Maarten - **1159 MT-AM**, **1194 MT-PM**, 1195 MT-AM, 1196 MT-PM, 234 WTh-PM, 426 WTh-PM, 985 MT-AM
Mennigen, Eva - 213 WTh-AM
Menninghaus, Winfried - 1561 MT-AM, 1592 MT-PM
Menon, David - 1045 WTh-AM, 1137 WTh-AM, 1175 MT-AM, 450 WTh-PM
Menon, Mahesh - 521 MT-AM
Menon, Rajiv - 1415 MT-AM
Menon, Ravi - 761 WTh-AM
Menon, Vinod - 1105 MT-AM, 1312 WTh-PM, 227 WTh-AM, 228 WTh-PM, 289 MT-AM, 397 WTh-AM, 257 MT-AM, 290 MT-PM, 412 WTh-PM
Menozzi, Christophe - 1544 WTh-PM
Ment, Laura - **115 MT-AM**
Mento, Giovanni - 293 MT-AM
Mentzel, H - 1548 WTh-PM
Menz, Mareike - 1266 MT-PM, 371 MT-AM, 452 WTh-PM
Menze, Bjoern - 1138 MT-PM
Menzler, Katja - **1330 MT-PM**, 452 MT-PM
Merboldt, Klaus-Dietmar - 1383 MT-AM, 1453 MT-AM
Mercader, Jose - 443 WTh-AM
Mercadillo, Roberto - 124 WTh-PM, 218 MT-PM, 667 WTh-AM, **751 MT-AM**
Mercure, Evelynne - 1228 WTh-PM, 1431 WTh-AM, 838 MT-PM
Mergenthaler, Erhard - 695 WTh-AM
Merhof, Dorit - 1365 WTh-AM
MERIAUX, Sébastien - 942 WTh-PM
Merkle, Helmut - 751 WTh-AM
Merla, Arcangelo - 697 MT-AM
Merlet, Isabelle - **1326 WTh-PM**, 7 MT-AM
Merlo-Pich, Emilio - 386 MT-PM, 415 MT-AM
Mermillod, Martial - **22 MT-PM**
Mersmann, Jochen - 1147 MT-AM
Merville, Adrien - 372 WTh-PM
Mervis, Carolyn - 481 WTh-AM
Merz, Christian J. - **571 WTh-AM**
Merz, Hanna - 57 MT-AM
Meschyann, Gayane - 1059 WTh-AM
Mesik, Juraj - 1513 MT-AM
Meskaldji, Djalel - 1366 MT-PM, 1493 WTh-AM, 503 WTh-AM
Mesquita, Rickson - **14 WTh-PM**, **605 MT-AM**, 823 MT-AM, 844 MT-PM
Messé, Arnaud - **1034 MT-PM**, **1334 MT-PM**, 1361 MT-AM
Messina, Irene - **695 WTh-AM**
Mesulam, Marsel - 332 WTh-PM, 361 WTh-AM, 787 WTh-AM
Metens, Thierry - 69 WTh-AM
Météreau, Elise - **663 MT-AM**, 668 MT-PM
Metin, Mehmet Özer - **1380 WTh-PM**
Metin, Ozer - 435 MT-AM
Metwally, Hussein - 782 MT-PM
Metzak, Paul - 1058 MT-PM, 1136 MT-PM, **1148 MT-PM**, 255 MT-AM
Metzak, Paul - 577 MT-AM
Metzger, Coraline - **605 WTh-AM**, 643 WTh-AM, 1397 WTh-AM, 400 MT-PM, 694 MT-PM
Meulenbroek, Ruud - 1256 MT-PM

Meulij, Reto - 1366 MT-PM, 141 WTh-AM, 862 WTh-PM, 900 WTh-PM, 908 MT-PM
Meulman, Nienke - 1506 WTh-PM
Meunier, David - 503 MT-AM
Meunier, Fanny - 1041 WTh-AM
Mevel, Katell - 733 MT-AM
Meyer, Antje - 1530 MT-PM
Meyer, Jobst - 713 WTh-AM, 714 WTh-PM
Meyer, Klaus - 336 MT-PM
Meyer, Martin - 1278 MT-PM, 1520 MT-PM, 464 WTh-PM, 806 WTh-PM, 906 MT-PM
Meyer-Lindenberg, Andreas - 1401 WTh-AM, 219 MT-AM, 23 WTh-AM, 396 MT-PM, 547 WTh-AM, 650 WTh-PM, 654 WTh-PM, 481 WTh-AM, 723 WTh-AM, 433 MT-AM, 649 WTh-AM
Meyerand, Elizabeth - 1012 MT-PM, 1046 MT-PM, 1120 MT-PM, 1229 WTh-AM, 3 WTh-AM
Meyerspeer, Martin - 1127 MT-AM
Mezenge, Florence - 733 MT-AM
Mezer, Aviv - 788 MT-PM, **793 WTh-AM**, 1485 MT-AM
Michael, Deppe - 1290 MT-PM
Michael, Ford - 1077 WTh-AM
Michaeli, Shalom - 454 MT-PM, 789 WTh-AM
Michaelis, Bernd - 728 MT-PM
Michaelson, Danny - 358 WTh-PM
Michaux, Nicolas - 265 MT-AM
Michel, Christoph - 1275 WTh-AM, 206 WTh-PM, 317 MT-AM, 1527 MT-AM, 908 MT-PM
Michel, Tanja - 395 WTh-AM
MICHEL, Vincent - **1259 WTh-AM**
Michels, Lars - **853 MT-AM**, 929 MT-AM
Michie, Patricia - 576 MT-PM
Michiels, Karla - 1319 MT-AM, 437 WTh-AM
Michl, Petra - 439 MT-AM
Michou, Emilia - 1356 MT-PM
Mickey, Brian - 652 MT-PM, 666 WTh-PM
Midorikawa, Akira - 1387 MT-AM
Miellet, Sebastien - **55 WTh-AM**
Mien, Leonhard-Key - 1373 WTh-AM, 890 MT-PM
Mier, Daniela - 396 MT-PM, 547 WTh-AM, 649 WTh-AM, 650 WTh-PM, 654 WTh-PM
Mietchen, Daniel - **769 WTh-AM**
Miettinen, Ismo - 1513 WTh-AM
Miettunen, Jouko - 1390 MT-PM
Miglozzi, John - 823 WTh-AM
Mignault, Geneviève - 876 WTh-PM
Mihara, Toshinari - 508 MT-PM
Mijovic, Bogdan - **974 WTh-PM**
Miki, Keita - **630 MT-PM**
Mikkelsen, Kaare - **1212 WTh-PM**
Mikl, Michal - **1325 WTh-AM**, 305 MT-AM, 465 MT-AM, 467 MT-AM, 808 MT-PM, 529 WTh-AM, 70 WTh-PM
Mikulis, David - 619 MT-AM
Mikuni, Masahiko - 370 MT-PM, 398 WTh-PM
Milanaik, Ruth - 775 WTh-AM
Milberg, William - 1141 MT-AM, 280 WTh-PM, 817 WTh-AM
Milbury, Lydia - 1314 WTh-PM, 1327 WTh-AM
Mildner, Toralf - 911 WTh-AM
Milestone, Barton - 53 MT-AM
Milham, Michael - 1159 MT-AM, 1194 MT-PM, 1195 MT-AM, 1196 MT-PM, 1199 MT-AM, 234 WTh-PM, 286 WTh-PM, 426 WTh-PM, 502 WTh-PM, 985 MT-AM, 1192 MT-PM, 1586 MT-PM, 997 MT-AM
Miller, Bruce - 1137 MT-AM, 1296 WTh-PM, 303 WTh-AM, 378 WTh-PM, 692 WTh-PM, 768 MT-PM
Miller, Dennis - 457 WTh-AM
Miller, Eric - 1177 MT-AM, 47 MT-AM
Miller, Karen - 374 WTh-PM, 380 WTh-PM
Miller, Karla - 477 MT-AM, 872 MT-PM, **813 WTh-AM**, 1013 MT-AM, 966 WTh-PM
Miller, Lloyd - 958 MT-PM
Miller, Michael - 1166 WTh-PM, 1188 WTh-PM, 1213 WTh-AM, 438 MT-PM
Miller-Singley, Alison - 251 MT-AM
Milles, Julien - 457 MT-AM
Milleville, Shawn - 393 WTh-AM
Millman, K. Jarrod - 819 MT-AM
Millot, Jean-Louis - 1173 WTh-AM, 1544 WTh-PM, 1545 WTh-AM
Mills, Debra - 645 WTh-AM
Mills, Travis - 222 WTh-PM, 1003 WTh-AM
Milosavljevic, Milica - 152 MT-PM
Miltner, Wolfgang - 383 MT-AM, 404 MT-PM, 510 MT-PM, 658 WTh-PM
Milz, Patricia - **151 MT-AM**, **995 MT-AM**
Min, Byoung-Kyong - 13 MT-AM
Minas, Jennifer - 1033 WTh-AM, 224 WTh-PM, 262 MT-PM, **215 WTh-AM**
Mincic, Adina - **52 WTh-PM**
Ming, Peng - 719 MT-AM
Mingoa, Gianluca - **558 MT-PM**
Minkoff, David - 837 MT-AM
Minks, Eduard - **1 WTh-AM**
Minnerop, Martina - 329 WTh-AM, **458 MT-PM**
Minotti, Lorella - 224 MT-PM, 227 MT-AM, 907 WTh-AM
Minshev, Nancy - 421 WTh-AM
minzenberg, michael - 506 MT-PM
Mion, Marco - 731 WTh-AM
Miotto, Eliane - 1177 WTh-AM
Mirabell, Júlia - **607 MT-AM**, 614 MT-PM, 781 WTh-AM
Miranda, Pedro - 3 MT-AM
Miranda Dias, Jorge Manuel - 1409 WTh-AM
Mirmehdi, Majid - 1348 WTh-PM
Mirsattari, Seyed - 986 MT-PM
Misaki, Masaya - **1255 WTh-AM**
Mishima, Kazuo - 653 WTh-AM
Mishina, Masahiro - **1386 MT-PM**
Misic, Bratislav - **222 WTh-PM**
Mistry, Satish - **1356 MT-PM**
Mitchell, Alex - 269 WTh-AM
Mitchell, Daniel - **225 MT-AM**, 142 WTh-PM, 173 MT-AM
Mitchell, Rachel - 590 WTh-PM
Mitchell, Suzanne - 269 WTh-AM
Mitchell-Francis, Judy - 66 WTh-PM
Mitra, Dipayan - 323 WTh-AM
Mitterhauser, Markus - 1373 WTh-AM, 890 MT-PM
Miura, Naoki - **1445 MT-AM**
Miwakeichi, Fumikazu - **1125 MT-AM**
Miyakawa, Asako - 1508 WTh-PM, **563 WTh-AM**
Miyakoshi, Makoto - **151 WTh-AM**, **177 WTh-AM**, 152 WTh-PM, 713 MT-AM
Miyashita, Yasushi - 38 MT-PM
Miyata, Jun - **579 MT-AM**
Miyata, Yoko - 1129 WTh-AM
Miyauchi, Satoru - 830 MT-PM
Mizuhara, Hiroaki - 780 MT-PM, **781 MT-AM**
Mizuno, Kei - 1366 WTh-PM
Mizuno, Takayuki - 527 WTh-AM
Mnatsakanian, Elena - **128 WTh-PM**
Mo, Lei - 114 WTh-PM
Moalee-Ardekani, Benham - 7 MT-AM
Moayedi, Massieh - 1416 MT-PM
Mobascher, Arian - 1174 MT-PM, 1420 MT-PM, 17 WTh-AM, 634 WTh-PM, **709 WTh-AM**
Mobbs, Dean - 535 WTh-AM, **626 WTh-PM**, 741 MT-AM
Möddel, Gabriel - 304 MT-PM
Modroño, Cristián - **1236 MT-PM**, 131 MT-AM, 1572 WTh-PM, 247 MT-AM, 825 MT-AM
Moeller, Friederike - 308 MT-PM, 1125 MT-AM
Moeller, Hans-Juergen - 358 MT-PM
Moerel, Michelle - **1516 WTh-PM**
Moerkerke, Beatrijs - **1215 MT-AM**, 1216 WTh-PM
Mohamed, Feroze - 1536 MT-PM, 53 MT-AM
Mohammadi, Bahram - **455 MT-AM**
Mohammadi, Siawoosh - 802 WTh-PM, **861 WTh-AM**, 304 MT-PM, 312 MT-PM, 1290 MT-PM
Mohammed, Sarah - **116 WTh-PM**
Mohan, Nikhil Ram - 1392 WTh-PM
Mohlberg, Hartmut - 1349 WTh-AM, 1429 WTh-AM, 1453 WTh-AM
Mohlin, Erik - 536 WTh-PM
Mohtasib, Rafat - **1224 WTh-PM**
Moilanen, Irma - 982 MT-PM
Moisa, Marius - **894 MT-PM**
Moiseev, Alexander - 327 WTh-AM
Mok, Kelvin - **1327 MT-AM**
Mokri, Azarakhsh - 289 WTh-AM, 295 WTh-AM
Molenaar, Peter - 1049 MT-AM
Molenberghs, Pascal - **627 WTh-AM**
Molina, Elena - 1549 WTh-AM
Molina, Rafael - 1203 WTh-AM
Molinaro, Nicola - 1553 MT-AM, **1412 WTh-PM**
Molinuevo, José-Luis - 347 WTh-AM, 367 WTh-AM, 368 WTh-PM, 388 WTh-PM, 846 WTh-PM
Moll, Christina - 1539 MT-AM
Moll, Jorge - 1367 WTh-AM, 716 MT-PM
Moll, Jorge - 730 MT-PM
Möller, Carsten - 1330 MT-PM, 452 MT-PM
Möller, Hans-Jürgen - 439 MT-AM, 544 MT-PM, 366 MT-PM
Möller, Harald - 1328 MT-PM, 245 WTh-AM, 308 WTh-PM, 828 MT-PM, 861 WTh-AM, 911 WTh-AM
Möller-Hartmann, Walter - 399 WTh-AM
Molnar-Szakacs, Istvan - **411 WTh-AM**
Molteno, Christopher - 1233 MT-AM, 501 WTh-AM
Momenan, Reza - 513 WTh-AM, 530 WTh-PM, 553 WTh-AM, **626 MT-PM**
Momennejad, Ida - **59 MT-AM**
Momose, Mitsuru - 1129 WTh-AM
Monchi, Oury - 450 MT-PM, 874 MT-PM
Monchi, Oury - 194 WTh-PM
Mondelli, Valeria - 519 MT-AM
Mondillon, Laurie - 22 MT-PM
Mondt, Katrien - 69 WTh-AM
Monk, Christopher - 1171 MT-AM, 1232 MT-PM
Monk, Cristopher - 1546 MT-PM
Monsch, Andreas - 336 WTh-PM, 342 WTh-PM, 821 WTh-AM
Monsell, Stephen - 104 MT-PM
Monserrat, Raquel - 848 MT-PM
Montag, Christian - 1156 WTh-PM, 124 MT-PM, 650 WTh-PM
Montaldi, Daniela - 1160 WTh-PM, 1161 WTh-AM
Montana, Giovanni - 745 WTh-AM
Montanaro, Domenico - 1546 WTh-PM, **324 MT-PM**
Montejo, Pedro - 349 WTh-AM
Montenegro, Maria Mercedes - 349 WTh-AM
Monterosso, John - 300 WTh-PM, 628 MT-PM, 692 MT-PM
Montes, Marco - 792 MT-PM
Montes Diez, Raquel - 1202 WTh-PM
Monti, Alessia - 1171 WTh-AM
Monti, Martin - **143 MT-AM**, 174 MT-PM, 205 MT-AM
Montejo, Caroline - **938 MT-PM**
Montoya, Pedro - 1126 MT-PM, 783 WTh-AM
Monuteaux, Michael - 483 WTh-AM
Moody, Teena - 15 MT-AM
Moonen, Gustave - 612 MT-PM
Moore, Kathryn - 354 MT-PM
Moorhead, William - 1423 WTh-AM, 400 WTh-PM, 420 MT-PM, 715 WTh-AM
Moosmann, Matthias - **801 MT-AM**
Moraes, Mariana - 30 WTh-PM
Morales, Dinora A. - **1295 WTh-AM**
Moran, John - 120 MT-PM
Moran, Rosalyn - **885 WTh-AM**
Morand, Stephanie - **99 WTh-AM**

Moratti, Stephan - 1076 WTh-PM, 928 MT-PM, **655 WTh-AM**

Morawetz, Carmen - **681 WTh-AM**

Morcom, Alexa - **168 WTh-PM**

Moreau, Patricia - **876 WTh-PM**

Moreira-Filho, Carlos - 1353 WTh-AM

Moreno, Ana - 533 MT-AM

Moreno, Beatriz - **235 WTh-AM**

Moreno, Dolores - 529 MT-AM

Moreno-López, Laura - **263 WTh-AM, 264 WTh-PM**

Morgan, Ashley - **174 WTh-PM, 973 MT-AM**

Morgan, Paul - 993 MT-AM

Morgan, Susan - 1541 WTh-AM

Morgen, Katrin E - **444 MT-PM**

Mori, Harushi - 1325 MT-AM

Morigaki, Katie - 457 WTh-AM

Moriguchi, Yoshiya - **653 WTh-AM**

Morillon, Benjamin - **1382 MT-PM, 43 WTh-AM**

Morimoto, Sarah - 1317 WTh-AM

Morita, Kiichiro - 1254 MT-PM

Morlet, Dominique - 65 WTh-AM

Mormann, Florian - **152 MT-PM**

Mormino, Elizabeth - 1097 MT-AM

Moro, Sancho - **195 MT-AM**

Morocz, Istvan A. - 1258 WTh-PM, 922 WTh-PM

Morris, David - 1335 MT-AM, 1338 MT-PM, 1356 MT-PM

Morris, Derek - 697 WTh-AM

Morris, Peter - 1450 MT-PM, 796 MT-PM, 993 MT-AM, 1005 WTh-AM

Morris, Richard - **490 MT-PM, 491 MT-AM**

Morton, Drew - 704 MT-PM

Morton, J Bruce - 110 MT-PM, 219 WTh-AM, **112 MT-PM**

Moryosef-Tzur, Shimrit - **905 MT-AM**

Morzelewski, Astrid - 1391 MT-AM, 809 MT-AM

Moschetta, Francesco - 359 MT-AM

Moscoco, Marco - 436 MT-PM

Moscovitch, Morris - 1179 WTh-AM

Moser, Ewald - **100 WTh-PM, 1011 MT-AM, 1127 MT-AM, 1198 WTh-PM, 1227 WTh-AM, 175 MT-AM, 408 MT-PM, 425 MT-AM, 433 MT-AM, 638 WTh-PM, 737 WTh-AM, 969 MT-AM**

Moser-Mercer, Barbara - 1527 MT-AM, 908 MT-PM

Moses, Eric - 739 WTh-AM

Moses, Pamela - 223 WTh-AM, 239 WTh-AM

Moses, Sandra - 1003 WTh-AM, 1126 WTh-PM, 1132 WTh-PM, 1125 WTh-AM

Mosher, John - 1040 MT-PM

Mosimann, Urs - 331 WTh-AM

Mostofsky, Stewart - 1048 MT-PM, 1315 MT-AM, 233 WTh-AM, 492 WTh-PM, 870 WTh-PM

Mothes-Lasch, Martin - **658 WTh-PM**

Motonobu, Hidaka - **646 WTh-PM**

Motta, Giovanni - 1001 MT-AM, **1102 MT-PM**

Mottaghy, Felix - 925 MT-AM

Mottron, Laurent - 409 WTh-AM

Moulin, Thierry - 1173 WTh-AM, 1544 WTh-PM, 1545 WTh-AM

Moulton, Eric - **1407 MT-AM**

Mourao-Miranda, Janaina - 1265 WTh-AM, 1276 WTh-PM, **1277 WTh-AM, 1502 WTh-PM**

Mouridsen, Kim - 1334 WTh-PM

Mouthon, Michaël - 1088 WTh-PM, **1545 MT-AM, 201 MT-AM**

Moyal Cohen-Jonathan, Elizabeth - 782 MT-PM

Mrowka, Sylwia - 1473 MT-AM

Mroziewicz, Margaret - 248 WTh-PM

Muckle, Gina - 899 WTh-AM

Muckli, Lars - 675 WTh-AM

Muckli, Lars - 1496 MT-PM, 1512 MT-PM, 1484 MT-PM

Mudigonda, Mayur - **1114 MT-PM**

Mueckter, Sarah - 1412 MT-PM

Muehlhan, Markus - 620 WTh-PM

Mueller, Bryon - 1318 WTh-PM, 527 MT-AM

Mueller, Charles - **1404 WTh-PM, 532 WTh-PM**

Mueller, Clemens - 444 MT-PM

Mueller, Hans-Peter - 1322 MT-PM, **1323 MT-AM, 1324 MT-PM**

Mueller, Hermann - 88 WTh-PM

Mueller, Karsten - 1188 MT-PM, **1328 MT-PM, 245 WTh-AM, 308 WTh-PM, 88 MT-PM, 911 WTh-AM**

Mueller, Susanne - 318 MT-PM, 319 MT-AM

Mueller, Sven - 363 MT-AM

Mueller, Veronika - **598 WTh-PM**

Mühlberger, Andreas - **660 WTh-PM**

Mujica-Parodi, Lilianne - 1209 MT-AM, 1225 MT-AM, **668 WTh-PM**

Mukherjee, Pratik - 1013 WTh-AM, 1358 MT-PM, 458 WTh-PM, 1200 WTh-PM

MUKHERJEE, prerna - **575 MT-AM, 748 WTh-PM**

Mulert, Christoph - 164 WTh-PM, **530 MT-PM, 544 MT-PM, 55 MT-AM, 57 MT-AM**

Mullen, Tim - **1151 MT-AM**

Müller, Cornelia - 1148 WTh-PM

Müller, Friedemann - 593 WTh-AM

Müller, Hans-Peter - 789 MT-AM

Müller, Karsten - 1071 WTh-AM, 828 MT-PM

Muller, Martijn - 475 MT-AM

Müller, Matthias - 1577 WTh-AM

Müller, Norbert - 439 MT-AM

Muller, Paul - **33 WTh-AM, 4 WTh-PM**

Müller, Ralph-Axel - 392 WTh-PM

Müller, Wolfram - 1237 WTh-AM

Müller-Spahn, Franz - 580 WTh-PM, 711 WTh-AM

Mulligan, Rachel - 1124 WTh-PM

Mullinger, Karen - 1331 WTh-AM, **1332 WTh-PM, 1454 MT-PM, 796 MT-PM**

Mullins, Paul - 722 MT-PM

Mumford, Jeanette - **1017 MT-AM**

Munar, Enric - **154 MT-PM**

Munih, Marko - 1306 MT-PM

Muñiz, Ramón - 1572 WTh-PM

Munn-Chernoff, Melissa - 432 MT-PM

Muñoz, Miguel A. - 1126 MT-PM, **783 WTh-AM**

Munro, David - 629 MT-AM

Munshi, Medha - 1394 MT-PM

Münste, Thomas - 455 MT-AM, 524 WTh-PM, 653 MT-AM, 736 WTh-PM, 117 MT-AM, 1589 MT-AM, 890 WTh-PM

Munter, Fletcher - 454 WTh-PM

Munzert, Joern - 1289 MT-AM

Munzert, Jörn - 1288 MT-PM, 1310 MT-PM

Murai, Toshiya - 579 MT-AM

Murakami, Mizuho - 1325 MT-AM

Murata, Tsutomu - 830 MT-PM, 927 WTh-AM

Murawski, Carsten - 562 WTh-PM

Murayama, Kou - **625 MT-AM**

Murohashi, Harumitsu - 540 MT-PM, 646 WTh-PM, 83 MT-AM

Murphy, Christopher - 1317 WTh-AM

Murphy, Claire - 656 MT-PM, 683 MT-AM, **691 MT-AM**

Murphy, Declan - 1228 WTh-PM, 1431 WTh-AM, 1466 WTh-PM, 1469 WTh-AM, 432 WTh-PM, 765 MT-AM, 838 MT-PM

Murphy, Karen - 100 MT-PM

Murphy, Kevin - **1024 MT-PM, 1208 WTh-PM, 34 MT-PM, 875 MT-AM**

Murphy, Michael - **146 MT-PM**

Murray, Alexandra - **78 WTh-PM**

Murray, Alison - 183 WTh-AM, **185 WTh-AM, 363 WTh-AM, 364 WTh-PM, 760 WTh-PM**

Murray, Graham - 1390 MT-PM, 1503 WTh-AM

Murray, Micah - 900 WTh-PM, 918 MT-PM

Murray, Robin - 1382 WTh-PM, 1442 WTh-PM, 1466 WTh-PM, 500 MT-PM, 564 MT-PM, 519 MT-AM

Murty, Vishnu - 712 WTh-PM

Musca, Serban - 22 MT-PM

Musshoff, Frank - 1412 MT-PM

Musso, Francesco - **1174 MT-PM, 1420 MT-PM, 634 WTh-PM, 709 WTh-AM**

Musso, Mariacristina - **1564 WTh-PM, 182 MT-PM, 1058 WTh-PM**

Mussweiler, Thomas - 722 MT-PM

Mustanoja, Satu - 609 MT-AM

Muthukumaraswamy, Suresh - **1243 MT-AM, 134 MT-PM, 1411 WTh-AM, 916 WTh-PM**

Mutihac, Radu - **968 WTh-PM**

Mutihac, Ruxandra - 488 MT-PM

Muto, Vincenzo - 1226 WTh-PM

Mutreja, Rachna - 262 MT-PM

Mutschler, Isabella - 1255 MT-AM, 1322 WTh-PM, 580 WTh-PM, **711 WTh-AM, 1248 WTh-PM, 589 MT-AM**

Mutschler, Veronique - 1112 MT-PM

Mutyala, Rithwik - **231 MT-AM**

Muzina, David - 399 MT-AM

Mylonas, George - 1121 WTh-AM, 212 MT-PM

Myowa-Yamakoshi, Masako - 821 MT-AM

Myslobodsky, Michael - 924 WTh-PM

N

Na, Duk - 370 WTh-PM, 362 WTh-PM, 383 WTh-AM

Nabel, Katherine - 724 WTh-PM

Naccache, Lionel - 57 WTh-AM

Naci, Lorina - **161 MT-AM, 173 MT-AM**

Nadal, Marcos - 154 MT-PM

Nadel, Jacqueline - 887 WTh-AM, 669 WTh-AM

Nadig, Karin - **635 MT-AM**

Naganawa, Shinji - 1030 WTh-PM, 713 MT-AM

Nagarajan, Srikantan - 1013 WTh-AM, 1035 MT-AM, 1200 WTh-PM, 484 MT-PM, 914 MT-PM, 999 WTh-AM, 525 MT-AM, 1588 WTh-PM, 599 MT-AM, 836 WTh-PM, 874 WTh-PM

Nagase, Tomomi - 899 MT-AM

Nagata, Noriko - 822 MT-PM

Nagel, Irene - 778 MT-PM

Nagornova, Zhanna - 1065 WTh-AM

Nagy, Zoltan - **1355 MT-AM, 800 WTh-PM, 861 WTh-AM, 1398 WTh-PM**

Nair, Aarti - 416 WTh-PM

Nair, Govind - 833 WTh-AM, 405 MT-AM

Nair, Veena - 1012 MT-PM, 1176 MT-PM

Najjar, Souheil - 311 MT-AM

Najt, Pablo - 708 MT-PM

Nakagawa, Seishu - 26 MT-PM

Nakahara, Kiyoshi - 1387 MT-AM

Nakai, Chikako - 152 WTh-PM

Nakai, Toshiharu - 151 WTh-AM, **152 WTh-PM, 177 WTh-AM, 713 MT-AM**

Nakamae, Takashi - **361 MT-AM, 397 MT-AM**

Nakamura, Akinori - 1074 WTh-PM, 369 WTh-AM, **379 WTh-AM**

Nakamura, Katsuki - 1387 MT-AM, 760 MT-PM

Nakamura, Kimihiro - 1564 MT-PM, **1570 MT-PM**

Nakamura, Wakako - **1222 MT-PM**

Nakane, Toshiaki - **713 MT-AM**

Nakano, Masayuki - 508 MT-PM, **516 WTh-PM**

Nakase, Hiroto - 1415 WTh-AM

Nakashima, Mami - 508 MT-PM, 516 WTh-PM

Nakatani, Chie - 79 WTh-AM

Nakatani, Hironori - 526 WTh-PM

Nakstad, Per - 574 MT-PM

Naliboff, Bruce - 233 MT-AM, 430 MT-PM, 614 WTh-PM, 673 WTh-AM

Nam, Eui-Cheol - 1166 MT-PM, **1512 WTh-PM, 365 MT-AM**

Nam, Haewon - **1339 WTh-AM**

Nam, Ki Seok - 2 MT-PM

Namburi, Praneeth - 109 WTh-AM, 86 WTh-PM

Namer, Jacques - 1112 MT-PM

Namkoong, Kee - 24 WTh-PM, 434 MT-PM

Nandam, L. Sanjay - 1199 MT-AM
Nandy, Rajesh - 1106 MT-PM, 1221 WTh-AM, 337 WTh-AM, **1146 MT-PM**
Nanetti, Luca - **1506 WTh-PM**, 693 MT-AM
Nangini, Catherine - **1461 MT-AM**
Napadow, Vitaly - 1428 MT-PM, 1435 MT-AM, 1438 MT-PM, 1465 MT-AM, 41 WTh-AM
Napoliello, Eileen - 495 WTh-AM
Napolitani, Martino - 147 MT-AM
Narain, Melissa - 775 WTh-AM
Naranjo, José-Raúl - 1248 WTh-PM, 1255 MT-AM
Narayan, Sunil - **1191 MT-AM**
Narayan, Veena - **27 MT-AM**
Narayana, Shalini - **1296 MT-PM, 25 WTh-AM**, 1312 MT-PM, 1314 MT-PM, 316 MT-PM, 34 WTh-PM
Narayanan, Sridar - 768 WTh-PM
Nardini, Marcello - 955 MT-AM
Nariai, Tadashi - 1100 WTh-PM, **447 WTh-AM**
Narita, Hideyuki - 370 MT-PM
Narita, Kosuke - 370 MT-PM, 398 WTh-PM
Narr, Katherine - 1369 MT-AM, 1379 WTh-AM, 497 MT-AM, 582 MT-PM, 794 MT-PM, 491 WTh-AM
Narumoto, Jin - 361 MT-AM, 397 MT-AM
Nash, Tiffany - 1096 MT-PM, 481 WTh-AM, 554 MT-PM, **641 WTh-AM**, 642 WTh-PM, 749 WTh-AM
Nashaat, Neveen - 488 WTh-PM
Naso, Lina - 1429 MT-AM
Nath, Audrey - **1556 WTh-PM**, 1018 WTh-PM
Nathan, Pradeep - 988 MT-PM
Nauman, Eric - 457 WTh-AM
Navarrete, Gorka - 1236 MT-PM, 131 MT-AM, 1572 WTh-PM, **247 MT-AM**
Navarta, Silvana - 408 WTh-PM
Navas, Javier - 189 WTh-AM, **221 WTh-AM, 243 MT-AM**, 529 MT-AM, 873 MT-AM, 891 MT-AM
Navas, Juan - 322 WTh-PM, 754 WTh-PM
Naveau, Mikael - 1168 MT-PM, 126 MT-PM, 932 WTh-PM
Navia, Bradford - 1488 WTh-PM, 344 WTh-PM, 382 WTh-PM, 860 MT-PM, 377 WTh-AM
Navines, Ricard - 415 MT-AM
Nawarawong, Natalie - 421 WTh-AM
Naylor, Magdalena - **31 MT-AM**
Nazarian, Bruno - 1041 WTh-AM
Nazir, Tatjana - 1106 WTh-PM
NDIAYE, Karim - **419 MT-AM**
Nees, Frauke - 1110 WTh-PM, 367 MT-AM
Negggers, Sebastiaan - 1115 WTh-AM, 504 MT-PM, 537 MT-AM
Negishi, Michiro - 1029 MT-AM, 50 WTh-PM
Nelson, Brady - 402 MT-PM
Nelson, Charles - 236 WTh-PM, 240 WTh-PM
Nelson, Eric - **428 MT-PM**
Nelson, Sarah - 303 WTh-AM
Nemenman, Ilya - 1507 MT-AM
Nemeroff, Charles - 405 MT-AM
Nemoto, Masahito - **1397 MT-AM**
Nenadic, Igor - 1442 WTh-PM, 558 MT-PM
Nery, Fabiano - 376 MT-PM
Ness, Timothy - 1415 MT-AM
Nestor, Peter - 341 WTh-AM
Nestrasil, Igor - 454 MT-PM
Nesvåg, Ragnar - 574 MT-PM
Neto, Emanuel - 801 MT-AM
Neubert, Franz-Xaver - **1281 MT-AM**, 29 MT-AM, **41 MT-AM**
Neufeld, Miri - 223 MT-AM
Neufeld, Miriam - 661 WTh-AM
Neuhoff, John - 1536 WTh-PM
Neumann, Britta - 265 WTh-AM, **639 WTh-AM**
Neumann, Jane - 1143 WTh-AM, 365 WTh-AM, 512 WTh-PM, 624 MT-PM
Neumann, Katrin - 1515 MT-AM
Neumann, Nicola - **425 WTh-AM**

Neuner, Irene - 476 WTh-PM, **800 MT-PM**, 889 MT-AM
Neuper, Christa - 1237 WTh-AM, 1292 MT-PM, 195 WTh-AM, 623 WTh-AM
Nevado, Angel - 349 WTh-AM
Newhouse, Paul - 31 MT-AM
Newman, Amy - 1505 WTh-AM
Newman, Lisa - 435 WTh-AM
Newsome, Mary - **456 WTh-PM**
Newton, Samuel - 1476 WTh-PM
Ng, Charisa - 161 WTh-AM
Ng, Joshua - 1358 MT-PM
Ng, Tze Pin - 166 WTh-PM
Ngan, Elton - 566 WTh-PM
Nguyen, Christopher - **874 WTh-PM**, 445 WTh-AM, 599 MT-AM, 458 WTh-PM
Nguyen, Dang - 339 MT-AM, 1559 MT-AM
Nguyen, Kambria - 704 MT-PM
Nguyen, Thai Vinh - 1378 WTh-PM
Nguyen Trong, Manh - **978 MT-PM**
Nguyen van Hung, Quang Chieu - 171 MT-AM
Nichelli, Paolo - 191 MT-AM, 731 WTh-AM
Nichols, Thomas - 1015 MT-AM, 1064 MT-PM, **1219 MT-AM**, 633 MT-AM, 741 WTh-AM, 745 WTh-AM
Nick-Jockschat, Thomas - 345 WTh-AM
Nickel, Janpeter - 1079 MT-AM, 1080 MT-PM, **472 WTh-PM**
Nickels, Lyndsey - 1571 MT-AM
Nickerson, Lisa - **1131 MT-AM**
Nickl-Jockschat, Thomas - **395 WTh-AM**
NICOLAS, Renaud - **803 WTh-AM, 805 WTh-AM**
Nicoletti, Mark - 376 MT-PM
Niddam, David - **413 MT-AM**
Niederhauser, Julien - 306 WTh-PM
Niedermeyer, Nico - 439 MT-AM
Niedtfeld, Inga - **356 MT-PM**
Nielsen, Andreas - 665 WTh-AM
Nielsen, Jens - 1264 MT-PM
Nielsen, Dylan - 420 WTh-PM
Nielsen, Kristy - 390 WTh-PM
Niemeier, Andreas - 1410 MT-PM
Nierhaus, Till - **1446 MT-PM**, 1460 MT-PM
Nigg, Joel - 270 WTh-PM
Nihashi, Takashi - **1030 WTh-PM**
Niiniskorpi, Timo - 1457 MT-AM
Nijhuis, Emil - **1383 WTh-AM**, 853 WTh-AM
Nikelski, Jim - **198 WTh-PM**, 353 WTh-AM
Niki, Kazuhisa - 188 MT-PM
Nikkinen, Juha - 12 MT-PM, 982 MT-PM
Nikolaev, Andrei - **79 WTh-AM**
Nikonova, Evgueniya - 157 WTh-AM
Nilsson, Lars-Göran - 350 WTh-PM
Nimmo-Smith, Ian - 851 WTh-AM
Ning, Ning - 1574 MT-PM
Nirkko, Arto C - 1481 MT-AM, 337 MT-AM, **977 WTh-AM**
Nishida, Seiji - 361 MT-AM, 397 MT-AM
Nishimura, Tsunehiko - 361 MT-AM, 397 MT-AM
Nishino, Tom - 432 MT-PM, 438 MT-PM
Nishiyama, Yuka - 1150 WTh-PM
Nissilä, Juuso - 12 MT-PM
Nitsch, Alexander - **510 MT-PM**
Nitschke, Jack - 674 WTh-PM
Nitschke, Matthias - **1235 MT-AM**
Niu, Haijun - 178 WTh-PM
Niwa, Shin-ichi - 261 MT-AM
Nixon, Erika - 1346 WTh-PM
Njaka, Nkechi - 403 MT-AM
Nobili, Flavio - 346 WTh-PM
Nobili, Lino - 7 WTh-AM
Noble, Pamela - 428 MT-PM
Nobre, Anna Christina - 119 WTh-AM, 120 WTh-PM, 230 MT-PM, 637 MT-AM, 731 MT-AM, 105 WTh-AM, 136 WTh-PM, 78 WTh-PM, 80 WTh-PM, 85 WTh-AM
Nocchi, Federico - 792 MT-PM

Nocetti, Luca - 261 WTh-AM
Noeth, Ulrike - 782 WTh-PM, **804 MT-PM**
Noh, Arum - 756 MT-PM
Noirhomme, Quentin - 1124 MT-PM, 1321 WTh-AM, 146 MT-PM, 183 MT-AM, 448 WTh-PM, **449 WTh-AM**
Nolden, Sophie - 963 MT-AM
Nolen, W. - 509 MT-AM
Noll, Douglas - 1305 WTh-AM
Nomura, Emi - **106 MT-PM**, 107 MT-AM
Noonan, MaryAnn - **522 WTh-PM**
Noppeney, Uta - 1580 WTh-PM, 1587 WTh-AM, 10 MT-PM
Norbury, Ray - **349 MT-AM**
Nordahl, Christine - **407 WTh-AM**
Nordio, Roberta - 1117 MT-AM
Norris, David - 1102 WTh-PM, 953 WTh-AM, 813 MT-AM, 968 MT-PM, 1174 WTh-PM, 1383 WTh-AM, 917 WTh-AM
Norris, Dennis - 1118 WTh-PM
Northoff, Georg - 1145 WTh-AM, 498 MT-PM
Norton, Andrea - 1340 MT-PM, 431 WTh-AM
Norton, Isaiah - 1269 WTh-AM
Norton, Loretta - **986 MT-PM**
Nöthen, Markus - 502 MT-PM, 523 MT-AM, 698 WTh-PM, 738 WTh-PM
Nottage, Judith - 1504 WTh-PM
Nourski, Kirill - 1072 WTh-PM
Novak, Marianne - 1257 WTh-AM, **479 MT-AM**
Novak, Peter - 1394 MT-PM
Novak, Vera - 1394 MT-PM
Noveck, Ira - 259 MT-AM
Novis, Sherri - 1099 WTh-AM, 1530 WTh-AM
Novitskiy, Nikolay - **1340 WTh-PM**, 974 WTh-PM
Nowicka, Anna - 1717 MT-AM
Nuechterlein, Keith - 1369 MT-AM, 497 MT-AM, 582 MT-PM, 794 MT-PM
Nuernberg, Peter - 709 WTh-AM
Nugent, Allison - **1272 WTh-PM**, 353 MT-AM, **601 WTh-AM**
Nummenmaa, Aapo - 810 MT-PM, 1200 MT-PM
Nummenmaa, Lauri - **690 WTh-PM**
Nunez, Christopher - 491 WTh-AM
Núñez-Elizalde, Anwar - 567 WTh-AM
Nurmikko, Turo - 1401 MT-AM
Nussbaumer, Karin - 934 WTh-PM
Nutile, Lauren - 1436 MT-PM
Nyalakanti, Prashanth - 775 MT-AM, 776 MT-PM
Nyberg, Lars - 1159 WTh-AM, 350 WTh-PM
Nymberg, Charlotte - 206 MT-PM
Nys, Jo - 1240 MT-PM

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O'Beirne, Gregory - 1511 WTh-AM
O'Boyle, Michael - **250 MT-PM**
O'Brien, John - 331 WTh-AM
O'Brien, Justin - 422 WTh-PM
O'Connell, Redmond - 147 WTh-AM, **68 WTh-PM**
O'Connor, Mary - 491 WTh-AM
O'Connor, Sean - 266 WTh-PM
O'Daly, Owen - 1497 WTh-AM, 1500 WTh-PM, 1502 WTh-PM, **1504 WTh-PM**, 564 MT-PM
O'Doherty, John - 550 WTh-PM, 739 MT-AM, 578 WTh-PM
O'Donnell, Brian - 1508 MT-PM
O'Donnell, Lauren - **1269 WTh-AM**
O'Gorman, Ruth - 19 MT-AM, 853 MT-AM
O'Grady-Walsh, Anne - 407 MT-AM
O'Hare, Elizabeth - **207 WTh-AM**
O'Keefe, Graeme - 1124 WTh-PM
O'Keefe, Kelly - 169 WTh-AM
O'Muircheartaigh, Jonathan - **296 MT-PM**, 329 MT-AM, 347 MT-AM
O'Shea, Jacinta - 903 MT-AM

Oakes, Howard - 439 WTh-AM
Oakes, Terrence - 454 WTh-PM
Oathes, Desmond - 674 WTh-PM
Obata, Satoshi - 1246 MT-PM, 446 MT-PM
Oberman, Lindsay - 26 WTh-PM
Obrig, Hellmuth - 1037 WTh-AM, 1071 WTh-AM, 1101 WTh-AM, 828 MT-PM
Obst, Katrin - 72 WTh-PM, **610 WTh-PM**
Oda, Keiichi - 1386 MT-PM
ODE, Takahiro - 938 WTh-PM
Oder, Anita - **1135 MT-AM**, 1337 WTh-AM
Oechsli, Mathias - **806 WTh-PM**
Oechsner, Matthias - 444 MT-PM
Oei, Nicole Y.L. - 594 WTh-PM
Oertel, Wolfgang - 1330 MT-PM, 452 MT-PM
Oestergaard, Leif - 1437 MT-AM
Ogata, Yousuke - **285 MT-AM**
Ogawa, Akitoshi - **527 WTh-AM**, **60 MT-PM**
Ogawa, Kohei - 680 WTh-PM
Ogawa, Seiji - 1474 MT-PM, 1585 MT-AM, 927 WTh-AM
Ogawa, Takaaki - 1150 WTh-PM
Ogawa, Takeshi - 261 MT-AM
Oghabian, Mohammad Ali - 289 WTh-AM, 295 WTh-AM, 868 WTh-PM, 983 WTh-AM
Oguri, Takuya - **1395 WTh-AM**
Oh, Hwamee - **1097 MT-AM**
Oh, Ju-Sun - 862 MT-PM
Oh, Jungsu - **1357 MT-AM**
Oh, Maeng-Keun - 274 WTh-PM, 793 MT-AM
Oh, MiAe - 1542 WTh-PM
Oh, Se-Hong - 416 WTh-PM, **843 WTh-AM**, **951 WTh-AM**
Oh, Seung Ha - 1522 WTh-PM, 1529 WTh-AM
Oh, Sung Suk - 307 MT-AM, **879 WTh-AM**
Oh, Youngmin - **1243 WTh-AM**
Ohashi, Toshihiko - 462 MT-PM
Ohgami, Yoshimi - **73 WTh-AM**, 87 WTh-AM
Ohlendorf, Sabine - 1500 MT-PM
Ohletz, Tim - 1330 MT-PM
Ohls, Robin - 1007 MT-AM
Ohma, Takayuki - 1332 WTh-PM
Öhman, Arne - 664 WTh-PM
Ohmle, Barbara - 870 MT-PM
Ohno, Kikuo - 1100 WTh-PM, 447 WTh-AM
Ohrmann, Patricia - **757 MT-AM**, 847 MT-AM, 543 MT-AM, 628 WTh-PM
Ohtake, Yuka - 625 MT-AM
Ohtomo, Kuni - 1325 MT-AM, 1351 MT-AM, 1373 MT-AM
Ojika, Kosei - 1395 WTh-AM
OKA, Noriyuki - **1293 MT-AM**
Okada, Ken - 1452 WTh-PM, 1454 WTh-PM
Okamoto, Masako - 854 MT-PM
Okamoto, Naoko - **835 MT-AM**
Okamoto-Barth, Sanae - 1323 WTh-AM
Okano, Hiroshi - 446 MT-PM
Okanoya, Kazuo - 1093 WTh-AM, 629 WTh-AM, 705 MT-AM
Okon-Singer, Hadas - **110 WTh-PM**, 661 WTh-AM
Okubo, Toshiyuki - 1373 MT-AM
Okubo, Yoshiro - 680 WTh-PM
Olausson, Hakan - 1458 MT-PM
Olazarán, Javier - 873 MT-AM, 891 MT-AM
Olcese, Umberto - **132 MT-PM**
Oldham, Michael - 1017 MT-AM
Oliveira Jr, Pedro Paulo - 307 WTh-AM
Oliveira-Souza, Ricardo - 716 MT-PM
Olivetti, Emanuele - **1289 WTh-AM**
Olivetti Belardinelli, Marta - 942 MT-PM
Olivi, Emmanuel - 889 WTh-AM
Olivier, Etienne - 1281 MT-AM, 265 MT-AM, 29 MT-AM, 41 MT-AM
Oliviero, Antonio - 993 WTh-AM
Ollinger, John - 1046 MT-PM, 1176 MT-PM
Olman, Cheryl - 137 WTh-AM
Olmos, Salvador - 1474 WTh-PM, 1483 WTh-AM, 563 MT-AM
Olsen, Rosanna - **1186 WTh-PM**
Olsen, Timothy - 962 WTh-PM
Olson, David - 1510 WTh-PM
Olsson, Andreas - 664 WTh-PM
Olulade, Olumide - **1527 WTh-AM**, **232 WTh-PM**
Ombao, Hernando - 1000 MT-PM, 1001 MT-AM, 1102 MT-PM, 344 WTh-PM, 996 MT-PM
Omerovic, Muamer - 343 WTh-AM
Omori, Masanobu - 852 MT-PM, 863 MT-AM
Ong, Cheng Soon - 1260 WTh-PM
Ong, Jeffrey - 81 MT-AM
Ong, Ju Lynn - 1227 MT-AM
Ong-Nicolas, Caroline - 1112 MT-PM
Ongur, Dost - 1131 MT-AM
Ono, Kentaro - 369 WTh-AM, 379 WTh-AM
Onodera, Kenji - 724 MT-PM
Onoe, Hirotsuka - 1366 WTh-PM
Onorato, Christina - 376 WTh-PM
Onozaki, Tamotsu - 527 WTh-AM
Onton, Julie - 1151 MT-AM, 1152 MT-PM, 1297 WTh-AM
Onur, Oezguer A. - 687 MT-AM
Onewuenyi, Ikechukwu - 738 MT-PM
Ooi, Cinly - 569 MT-AM
Ooms, Renata - 538 MT-PM
Oostenveld, Robert - 1063 WTh-AM, 456 MT-PM
Op de Beeck, Hans - 1499 MT-AM, 1552 MT-PM
Op de Macks, Zdena - **636 MT-PM**, 748 MT-PM
Opavský, Robert - 468 MT-PM
Operto, Grégory - **1475 WTh-AM**, 1075 MT-AM
Oppen-Rhein, Markus - 57 MT-AM
Opisso Salleras, Eloy - 16 WTh-PM
Opitz, Bertram - **1183 WTh-AM**
Opmeer, Esther - 719 WTh-AM, **416 MT-PM**
Orban, Guy - 1483 MT-AM
Orban, Pierre - 1138 WTh-PM, **1237 MT-AM**
OReilly, Jill - **96 MT-PM**
Orgogozo, Jean-Marc - 616 MT-PM
Orihuela-Espina, Felipe - 1121 WTh-AM, 212 MT-PM, **839 MT-AM**
Orlichenko, Anton - **859 WTh-AM**
Orlov, Tanya - **1488 MT-PM**
Oros-Peusquens, Ana-Maria - 1349 WTh-AM
Orth, Michael - 470 MT-PM
Ortheil, Hanns-Josef - 1566 MT-PM
Ortigue, Stephanie - **32 WTh-PM**, 814 MT-PM
Ortiz, Erick - 230 WTh-PM
Ortiz, Hector - **1202 MT-PM**, 380 MT-PM, 386 MT-PM, 401 MT-AM, 415 MT-AM
Ortiz, Juan - **124 WTh-PM**, 235 WTh-AM
Ortiz-Gil, Jordi - 548 MT-PM
Ortuño, Felipe - **260 MT-PM**
Osaka, Mariko - 137 MT-AM
Osaka, Naoyuki - **137 MT-AM**
Osbourne, Tiana - 1475 MT-AM
Osher, David - 1370 MT-PM
Osherson, Daniel - 1502 MT-PM
Osnes, Berge - **1035 WTh-AM**, 1064 WTh-PM, 291 MT-AM
Osoba, Annemarie - 400 MT-PM, 427 MT-AM, **810 WTh-PM**
Ossandon, Tomas - **115 WTh-AM**, **129 WTh-AM**, 140 WTh-PM, 224 MT-PM, 227 MT-AM
Ossenblok, Pauly - 300 MT-PM
OSTER, Julien - 767 WTh-AM
Osterfeld, Nadine - 390 MT-PM, 470 MT-PM
Østergaard, Lasse - 1386 WTh-PM
Ostuni, John - 461 MT-AM, 485 MT-AM
Ostwald, Dirk - **795 MT-AM**, 798 MT-PM
Ota, Nakao - **462 MT-PM**
Ota, Takahiro - 913 WTh-AM
Otauy, Maria - 1177 WTh-AM, 346 MT-PM, 1378 MT-PM
Otero, Enrique - 1506 MT-PM
Otruba, Pavel - 468 MT-PM
Ott, Christian - 313 MT-AM
Ott, Derek - **1143 WTh-AM**, 1469 MT-AM
Ott, Gudrun - 562 MT-PM
Ott, Ulrich - **127 MT-AM**
Otterbein, Sascha - 1185 WTh-AM
Ottet, Marie-Christine - 1493 WTh-AM
OTTET, Marie-Christine - **503 WTh-AM**
Ottowitz, William - **1346 WTh-PM**
Ouchi, Yasuomi - **447 MT-AM**
Ouellet, Jean - 1429 MT-AM
Oullier, Olivier - 21 WTh-AM
Ousley, Opal - 1304 WTh-PM
Outtrim, Joanne - 450 WTh-PM
Ovando, Cesare - 346 WTh-PM
Overy, Katie - 411 WTh-AM
Ovesna, Petra - 1 WTh-AM
Owen, Adrian - 143 MT-AM, 174 MT-PM, 205 MT-AM, 983 MT-AM
Owen, Julia - 1035 MT-AM, 999 WTh-AM
Oya, Hiroyuki - 1072 WTh-PM
Oyama, Kazunori - 852 MT-PM, 863 MT-AM
Ozaki, Tooru - 1261 WTh-AM
Ozelo, Helka - 327 MT-AM
Oziel, Esther - 1182 WTh-PM
Özkan, Mehmed - 849 WTh-AM
Özkara, Çi dem - 326 MT-PM
Özker, Müge - 818 MT-PM
Öztürk, Cengizhan - 818 MT-PM
O'Brien, John - 323 WTh-AM
O'Donnell, Brian - 522 MT-PM

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P., Maquet - 1117 WTh-AM
P., Peigneux - 1117 WTh-AM
P., Van Bogaert - 1117 WTh-AM
Paakki, Jyri-Johan - 982 MT-PM
Padberg, Frank - 4 MT-PM
Pade, Jan Philipp - **20 MT-PM**, 646 MT-PM
Padilla, Nelly - **460 WTh-PM**, 480 WTh-PM
Padmanabhan, Aarthi - **421 WTh-AM**, 481 WTh-AM
Padovan, Catherine - 372 WTh-PM
Pagani, Elisabetta - 1242 MT-PM, 153 WTh-AM, 334 WTh-PM, 453 MT-AM
Paggetti, Giulia - **212 MT-PM**, 839 MT-AM
Paglioli, Eliseu - 345 MT-AM
Pagnoni, Giuseppe - 622 MT-PM
Pagonabarraga, Javier - 1295 WTh-AM
Pail, Gerald - 408 MT-PM, 433 MT-AM
Pailhez, Guillem - 533 MT-AM
Paillère-Martinot, Marie-Laure - 1271 WTh-AM, 393 MT-AM
Paiva, Fernando - 1367 WTh-AM
Pajares, Gonzalo - **820 WTh-PM**
Pajares, Marta - 550 MT-PM
Pakhomov, Sergey - 28 MT-PM
Palace, Jacqueline - 1377 WTh-AM
Palacios-Martinez, Eva - **828 WTh-PM**
Palasis, Susan - 843 MT-AM
Paldino, Michael - 1334 WTh-PM
Palesi, Fulvia - 381 WTh-AM
Palix, Julie - 488 WTh-PM, **493 WTh-AM**
Palluel, Estelle - **1551 WTh-AM**
Palm, Ulrich - 4 MT-PM
Palmini, André - 345 MT-AM
Palminteri, Stefano - **664 MT-PM**
Palomero-Gallagher, Nicola - **1453 WTh-AM**
Palti, Dafna - 1557 MT-AM
Palus, Milan - 1027 MT-AM, 1051 MT-AM, **1239 WTh-AM**
Pamilo, Siina - 997 WTh-AM
Pammil, V. S. Chandrasekhar - **521 WTh-AM**
Pan, Hai - 454 WTh-PM

Pang, Elizabeth - 1537 MT-AM
Pani, Ariel - 481 WTh-AM
Pankow, Anne - **489 MT-AM**
Pankratz, Nathan - 726 WTh-PM
Pantazis, Dimitrios - 1059 MT-AM, 1062 MT-PM, 1309 MT-AM, 1385 WTh-AM
Pantelis, Christos - 1346 MT-PM, 276 WTh-PM, 299 WTh-AM, 90 MT-PM
Pantev, Christo - 102 MT-PM, 89 MT-AM
Paolo, Andre - 132 MT-PM
Papademetris, Xenophon - 1370 WTh-PM, 50 WTh-PM
Papadimitriou, George - 720 WTh-PM
Papadimitropoulos, Rena - 463 WTh-AM, 465 WTh-AM
Papadopoulos, Theodore - 1215 WTh-AM, 889 WTh-AM
Papageorgiou, Theodora - **1503 MT-AM**
Papagni, Sergio - 500 MT-PM
Papasogli, Alessandra - 1384 WTh-PM
Papassotiropoulos, Andreas - 711 WTh-AM
Papazacharias, Apostolos - 955 MT-AM, 960 MT-PM
Papma, Janne - **184 WTh-PM**
Papoutsi, Marina - 1070 WTh-PM
Paquette, Caroline - **1 MT-AM**, 1484 WTh-PM
Paquette, Natacha - 1104 WTh-PM, 339 MT-AM
Paquier, Philippe - 69 WTh-AM
Paradiso, Giuseppe - 697 MT-AM
Paradiso, Sergio - 429 MT-AM
Paran, Daphna - 1119 WTh-AM
Parasuraman, Raja - 236 MT-PM
Parati, Eugenio - 599 MT-AM
Parcet-Ibars, M^a Antonia - 118 WTh-PM, 579 WTh-AM, 659 WTh-AM, 761 MT-AM
Pardini, Dustin - 290 WTh-PM
Pardos, Maria - 309 MT-AM
Parellada, Mara - 529 MT-AM
Parente, Antonella - 888 MT-PM
Parés, David - 1202 MT-PM
Pareto, Deborah - 1389 MT-AM
Pariante, Carmine - 519 MT-AM, 564 MT-PM
Parimal, Sarayu - 1002 MT-PM
Park, Bumhee - **1282 WTh-PM**
Park, Chang Soo - 657 MT-AM, 676 WTh-PM
Park, Chang-hyun - 29 WTh-AM
Park, Denise - 1107 WTh-AM, 149 WTh-AM, 156 WTh-PM
Park, Hae-Jeong - 1025 MT-AM, 1119 MT-AM, 1282 WTh-PM, 1339 WTh-AM, 274 WTh-PM, 279 WTh-AM, 295 MT-AM, 517 MT-AM, 557 WTh-AM, 671 MT-AM, 793 MT-AM, 869 WTh-AM, 930 WTh-PM
Park, Haeil - 1087 WTh-AM
Park, Hi-Joon - 464 MT-PM
Park, Hye Yoon - 515 MT-AM, 791 WTh-AM
Park, Hyojin - 322 MT-PM
Park, Hyun Wook - 307 MT-AM
Park, HyunWook - 879 WTh-AM
Park, Ji-Won - 1342 MT-PM, 1345 MT-AM, 1353 MT-AM, 1248 MT-PM
Park, Ji-Young - 496 MT-PM
Park, Joonkoo - **1122 MT-PM**
Park, Jun Sung - **1379 MT-AM**
Park, JY - 29 WTh-AM, 862 MT-PM
Park, Kyungmo - 1428 MT-PM, 1435 MT-AM, 1438 MT-PM
Park, Kyungmo - 41 WTh-AM
Park, Mina - 279 WTh-AM, 557 WTh-AM, 671 MT-AM
Park, Mona - **613 WTh-AM**
Park, Seong-yong - **793 MT-AM**, 930 WTh-PM
Park, Soyoung - 1145 WTh-AM, 273 WTh-AM
Park, Sung-Yeon - 416 WTh-PM, 843 WTh-AM
Park, Sungwon - **572 MT-PM**
Park, Taejin - **935 MT-AM**
Parker, Geoff - 1335 MT-AM, 829 WTh-AM
Parker, Geoffrey - 1332 MT-PM, 1338 MT-PM, 1356 MT-PM
Parkes, Laura - 1224 WTh-PM, 1437 WTh-AM, 1449 MT-AM, 1486 WTh-PM, 1525 WTh-AM
Parkin, Beth - **205 MT-AM**
Parkinson, Jim - 1287 MT-AM
Parkkonen, Lauri - 153 MT-AM
Parrish, Todd - 1330 WTh-PM, 361 WTh-AM, 602 MT-PM
Parrott, William - 258 MT-PM
Parsons, Rosaleen - 53 MT-AM
Parviainen, Tiina - 462 WTh-PM, 783 MT-AM
Parvizi, Josef - 14 MT-PM, 234 MT-PM, 902 WTh-PM, 904 WTh-PM
Pasalar, Siavash - 1018 WTh-PM, **1552 WTh-PM**
Pasaye, Erick - 218 MT-PM
Pascarella, Annalisa - **1001 WTh-AM**, 1000 WTh-PM
Pascual, Belen - **338 WTh-PM**, **720 WTh-PM**
Pascual-Leone, Alvaro - 13 MT-AM, 16 WTh-PM, 26 WTh-PM, 28 WTh-PM, 33 WTh-AM, 4 WTh-PM, 5 MT-AM
Pascual-Marqui, Roberto - 151 MT-AM, 995 MT-AM
Pasko, Bryce E. - 1090 WTh-PM
Passamonti, Luca - 1478 MT-PM, 609 WTh-AM
Passaro, Antony - **946 MT-PM**, 945 MT-AM
Passera, Roberto - 888 MT-PM
passos de almeida, juliana - **346 MT-PM**
Pasternak, Ofer - 154 WTh-PM, 900 MT-PM, 907 MT-AM, 911 MT-AM
Pastor, María A - 1037 MT-AM, 511 WTh-AM, 546 WTh-PM, 564 WTh-PM, 1466 MT-PM
Pastorello, Bruno - **330 MT-PM**
Patai, Eva Zita - 637 MT-AM, **80 WTh-PM**
Patel, Kevin - 1377 MT-AM
Patel, Vikas - 1169 MT-AM
Patel, Vishal - **825 WTh-AM**
Paternicó, Donata - **321 WTh-AM**
Pathak, Sudhir - 858 WTh-PM
Pathirana, Pubudu - 807 WTh-AM
Patnaik, Swetapadma - 474 WTh-PM
Patschke, Johanna - 847 MT-AM
Pattinson, Kyle - 1425 MT-AM, 875 MT-AM
Patzelt, Edward - **580 MT-PM**
Paucod, Jean-Charles - 1511 WTh-AM
Paul, Friedemann - 1254 WTh-PM
Paul, Nuria - 349 WTh-AM
Paul, Victoria - 628 WTh-PM
PAULESU, ERALDO - 182 WTh-PM, **471 WTh-AM**
Pauli, Paul - 660 WTh-PM
Paulignan, Yves - 1106 WTh-PM
Pauls, Astrid - **1497 WTh-AM**
Paulsen, Jane - 1393 WTh-AM, 483 MT-AM
Paulson, Olaf B. - 506 WTh-PM, 898 MT-PM, 904 MT-PM
Paulus, Frieder - **738 WTh-PM**, 523 MT-AM
Paulus, Martin - 247 WTh-AM, 348 MT-PM
Paulus, Walter - 1131 WTh-AM, 777 MT-AM
Pauly, John - 788 MT-PM
Pauly, Katharina - 562 MT-PM, **737 MT-AM**
Paus, Sebastian - 449 MT-AM
Paus, Tomas - 1272 MT-PM, 1539 WTh-AM
Pavlicova, Martina - **1226 MT-PM**
Pavlidou, Anastasia - 162 MT-PM
Pavlik, Tomas - 1 WTh-AM
Pavlova, Marina - 198 MT-PM, 54 WTh-PM, **749 MT-AM**
Pawliczek, Christina - **735 MT-AM**
Paz-Alonso, Pedro - 172 MT-PM, **231 WTh-AM**
Pazart, Lionel - **1544 WTh-PM**
Pearce, Sarah - 331 WTh-AM
Pearlson, Godfrey - 1014 MT-PM, 401 WTh-AM, 439 WTh-AM, 567 MT-AM, 684 MT-PM
Pecina, Marta - **652 MT-PM**
Peck, Gregory - 573 MT-AM
Pedersen, Anya - **543 MT-AM**, 757 MT-AM, 847 MT-AM
Pedraza, Salvador - 1446 WTh-PM
Pedro, Salazar - 848 MT-PM
Pedro, Tatiane - 327 MT-AM
Pedroni, Andreas - 635 MT-AM
Peduto, Anthony - 379 MT-AM
Peelle, Jonathan - **1487 WTh-AM**, 205 MT-AM
Peer, Angelika - 1259 MT-AM
Peeters, Ronald - 103 WTh-AM, 1483 MT-AM
Pegado, Felipe - **1564 MT-PM**, 1570 MT-PM
Pegna, Alan - 1088 WTh-PM, **128 MT-PM**, 1545 MT-AM, 698 MT-PM
Pei, Jacqueline - 490 WTh-PM
Pei, Yaling - 861 MT-AM, 864 MT-PM, 865 MT-AM
Peignaux, Philippe - 1237 MT-AM, 1438 WTh-PM, 44 MT-PM
Peikert, Gregor - 1033 MT-AM
Pejic, Tanja - **583 WTh-AM**, 663 WTh-AM
Pekar, James - 1048 MT-PM, 492 WTh-PM
Pelak, Victoria - 337 WTh-AM
Pelayo, Raul - 16 WTh-PM
Pélagrini-Issac, Mélanie - 1361 MT-AM
Pelgrims, Barbara - 265 MT-AM
Pelizzone, Marco - 1108 MT-PM
Pellechia, Giovanna - 1213 MT-AM, 19 WTh-AM
Pelletier, Daniel - 445 WTh-AM
Pelletier, Jean - 494 WTh-PM, 883 MT-AM
Pelletier, Marc - 363 MT-AM
Pelphrey, Kevin - 133 WTh-AM, 406 WTh-PM, 726 MT-PM, 969 WTh-AM
Peltier, Scott - 1171 MT-AM, 1232 MT-PM, **1287 WTh-AM**, 1304 WTh-PM, 1305 WTh-AM, 475 MT-AM, **797 MT-AM**, 885 MT-AM
Peltonen, Leena - 1390 MT-PM
Peña-Gomez, Cleofe - 1423 MT-AM, 846 WTh-PM, **5 MT-AM**
Penco, Maria - 346 WTh-PM
Pendl, Barbara - 1292 MT-PM
Peng, Dan-ling - 1563 MT-AM
Peng, Danling - 469 WTh-AM
Peng, Huiling - 1065 MT-AM, 859 WTh-AM
Peng, Xinmiao - 1503 MT-AM
Penhune, Virginia - 1269 MT-AM, 1295 MT-AM, 1480 WTh-PM
Pennartz, Cyriel - 1147 WTh-AM, 880 WTh-PM
Pennec, Xavier - 796 WTh-PM, 798 WTh-PM
Penninx, Brenda - 719 WTh-AM, 258 WTh-PM
Penny, Will - 1192 WTh-PM, 1300 MT-PM, 600 MT-PM
Peper, Jiska - 1365 MT-AM, 732 WTh-PM
Pera, Guillem - 614 MT-PM, 781 WTh-AM, 607 MT-AM
Perchet, Caroline - 1464 MT-PM
Perchey, Guy - 203 WTh-AM
Perdoni, Christopher - 790 MT-PM
Perea, Manuel - 1557 MT-AM
Pereira, Fabricio - **327 MT-AM**, 1532 MT-PM
Pereira, Joana - **6 MT-PM**
Pereira Loureiro, Javier - 340 WTh-PM
Peres, Isabella - **1285 MT-AM**, 1222 WTh-PM, 46 MT-PM
Peres, Mario - 30 WTh-PM
Peretz, Isabelle - 876 WTh-PM
Perez, Fernando - 106 MT-PM, 107 MT-AM, 784 MT-PM, 816 MT-PM
Perez, Johanna - 608 WTh-PM
Perez, Monica - 1245 MT-AM
Perez-Edgar, Koraly - **641 MT-AM**
Perez-Fernandez, Alejandro - 848 WTh-PM
Pérez-García, Miguel - 263 WTh-AM, 264 WTh-PM
Perez-Iglesias, Rocio - 1433 WTh-AM, 516 MT-PM
Perez-Marcos, Daniel - **1406 WTh-PM**
Perfilev, Artem - **246 MT-PM**
Perianez, Jose - 78 MT-PM, **79 MT-AM**
Perini, Michele - 926 WTh-PM
Periot, Olivier - 478 MT-PM
Perkins, Suzanne - **437 MT-AM**
Perlberg, Vincent - 1138 WTh-PM
Perlov, Evgeniy - 479 WTh-AM
Pernet, Cyril - 1511 MT-AM
Pernier, Sophie - 493 WTh-AM
Perrin, Emmanuel - 786 MT-PM
Perrin, Margaux - 1403 WTh-AM, **372 WTh-PM**

Perrone, Marcela - **1025 WTh-AM**, 1517 MT-AM, **1547 MT-AM**, 742 MT-PM
Perrone-Bizzozero, Nora - 567 MT-AM
Perrucci, Mauro Gianni - 1179 MT-AM, 359 MT-AM, 697 MT-AM
Perry, Daniella - 736 MT-PM
Perry, David - **17 MT-AM**
Perry, Lee - 407 WTh-AM, 696 WTh-PM, 788 MT-PM, 854 WTh-PM
Persinger, Michael - 1501 MT-AM
Persson, Jonas - 350 WTh-PM
Pertsov, Yoni - **1414 WTh-PM**
Peschke, Claudia - 1542 MT-PM
Pesenti, Mauro - 251 WTh-AM, 265 MT-AM, 266 MT-PM
PESQUET, Jean-Christophe - 942 WTh-PM
Pessiglione, Mathias - 664 MT-PM
Petacchi, Augusto - **1521 WTh-AM**
Peter, Woodruff - 501 MT-AM, 551 MT-AM
Peters, Jan - **515 WTh-AM**
Peters, Judith - **1216 MT-PM**, 1323 WTh-AM, 1410 WTh-PM
Peterson, Bradley - 368 MT-PM
Peterson, Gregory - 537 WTh-AM
Pettersson, Karl-Magnus - 1086 WTh-PM, 1524 MT-PM, 1067 WTh-AM
Petit, Laurent - 1168 MT-PM, 126 MT-PM, 932 WTh-PM
Petre, Bogdan - 1422 MT-PM
Petrecca, Kevin - 1327 MT-AM
Petrides, Michael - 1182 MT-PM
Petridou, Natalia - 1351 WTh-AM, 985 WTh-AM
Petrini, Karin - **1570 WTh-PM**
Petro, Lucy - **675 WTh-AM**
Petrov, Yury - **903 WTh-AM**
Petrovic, Aleksandar - **1084 MT-PM**, **967 MT-AM**
Petrovic, Igor - 451 MT-AM, 453 MT-AM
Petrovic, Katja - 1292 MT-PM
Petrovic, Predrag - 536 WTh-PM
Petzold, Friederike - **1362 MT-PM**
Peyrin, Carole - **1548 MT-PM**
Pezawas, Lukas - 408 MT-PM, 433 MT-AM, 737 WTh-AM
Pfeifer, Jennifer - 413 WTh-AM, **682 WTh-PM**
Pfeil, Douglas - 861 MT-AM, 865 MT-AM
Pfeuffer, Josef - 801 WTh-AM, 912 WTh-PM
Pfleiderer, Bettina - 1505 MT-AM
Pfüller, Caspar - 1254 WTh-PM
Pham, Dzong - 1249 WTh-AM, 1361 WTh-AM, 1390 WTh-PM, 1489 WTh-AM
Phan, Thanh - 1473 WTh-AM, 172 WTh-PM
Pheasant, Rob - 1571 WTh-AM
Phifer, Justine - 377 MT-AM
Philiastides, Marios - 163 MT-AM
Philip, Ruth - 400 WTh-PM
Philippi, Carissa - 1057 MT-AM, **429 MT-AM**
Philippot, Pierre - 251 WTh-AM, 412 MT-PM
Philipsen, Alexandra - 479 WTh-AM, 504 WTh-PM
Phillips, Christophe - 1124 MT-PM, 1141 WTh-AM, 1226 WTh-PM, 1321 WTh-AM, 1343 WTh-AM, **1438 WTh-PM**, 373 MT-AM, 44 MT-PM
Phillips, Jeff - 858 WTh-PM
Phillips, Jennifer - 397 WTh-AM, 412 WTh-PM, 524 MT-PM
Phillips, John - 1007 MT-AM
Phillips, Mary - 431 MT-AM
Phillips, Micheal - 1040 MT-PM, 1120 WTh-PM, 399 MT-AM, 831 WTh-AM
Phillips, Natalie - 1528 MT-PM
Phillips, Owen - **1369 MT-AM**, **794 MT-PM**, 497 MT-AM, 582 MT-PM
Piacentini, Sylvie - 1534 MT-PM
Piana, Michele - 1000 WTh-PM, 1001 WTh-AM
Piantoni, Giovanni - **995 WTh-AM**
Piatkowska - Janko, Ewa - **1258 MT-PM**, 982 WTh-PM
Piatkowska-Janko, Ewa - 116 MT-PM
Picado, Marisol - **533 MT-AM**
Picchetti, Natalie - 561 MT-AM
Picchioni, Marco - 1382 WTh-PM, 1442 WTh-PM, 500 MT-PM, 765 MT-AM
Pichat, Cédric - 1025 WTh-AM, 1154 WTh-PM, 1547 MT-AM, 742 MT-PM, 1517 MT-AM
Pichiechio, Anna - 381 WTh-AM
Pichika, Rama - 406 MT-PM
Pickard, John - 450 WTh-PM
Pienaar, Rudolph - **1334 WTh-PM**
Pieperhoff, Peter - 329 WTh-AM, 458 MT-PM, **469 MT-AM**
Piero, Calvini - 1375 WTh-AM
Pierpaoli, Carlo - 834 WTh-PM, 857 WTh-AM
Pierre, Maquet - 1124 MT-PM, 1141 WTh-AM
Pierolas, Ronald - **1393 WTh-AM**
Pieters, Thomas - 109 MT-AM, 1544 MT-PM, 924 MT-PM
Pietrini, Pietro - 1053 MT-AM, 1262 MT-PM, 132 WTh-PM, 1384 WTh-PM, 210 MT-PM, 350 MT-PM
Pietrzyk, Uwe - 1349 WTh-AM, 1462 WTh-PM
Pievani, Michela - 333 WTh-AM, 708 MT-PM
Pievani, Michela - **334 WTh-PM**
Piggot, Judith - 411 WTh-AM, 418 WTh-PM
Pignat, Jean Michel - **1329 WTh-AM**
Pigorini, Andrea - **7 WTh-AM**
Piňko, Elina - 997 WTh-AM
Pijnenborg, M. - 509 MT-AM
Pike, Bruce - 1210 WTh-PM, 1211 WTh-AM
Pike, G. Bruce - 874 MT-PM
Pilacinski, Artur - 116 MT-PM, **1413 WTh-AM**
Pilgramm, Sebastian - **1288 MT-PM**, 1289 MT-AM
Pillai, Ajay - 1133 MT-AM, **1170 WTh-PM**
Pine, Daniel - 363 MT-AM, 428 MT-PM
Pineau, Arlette - 203 WTh-AM
Pinel, Philippe - 722 WTh-PM
Pinker, Steven - 1591 MT-AM
Pinotsis, Dimitris - 1042 MT-PM
Pinto, Joel - 158 MT-PM
Piolino, Pascale - 733 MT-AM
Piotrovskaya, Larisa - 591 WTh-AM
Piper, Sophie - 1446 MT-PM
Piras, Fabrizio - **943 MT-AM**
Pirnia, Tara - 380 WTh-PM
Pisano, Dominic - 578 MT-PM
Pisciotta, Nicola - 586 MT-PM
Pitskel, Naomi - **406 WTh-PM**, 726 MT-PM
Pittau, Francesca - **308 MT-PM**
Pizarro, Ricardo - **1250 WTh-PM**
Pizlo, Zygmunt - 1504 MT-PM
Pizzagalli, Fabrizio - **1082 MT-PM**
Pizzella, Vittorio - 1250 MT-PM, 142 WTh-PM
Pizzini, Francesca - 321 WTh-AM
Pla, Jorge - 260 MT-PM
Planas, Anna - 1446 WTh-PM
Planet, Ramón - 533 MT-AM
Plank, Tina - 1482 MT-PM
Plant, Claudia - 1290 WTh-PM
Plante, Elena - 1029 WTh-AM, 1091 WTh-AM
Plassmann, Hilke - **531 WTh-AM**
Platel, Hervé - 901 MT-AM
Platt, Michael - 555 WTh-AM
Plaze, Marion - 1271 WTh-AM
Pleger, Burkhard - 1004 MT-PM, 1328 MT-PM, 245 WTh-AM, 541 WTh-AM
Plenevaux, Alain - 183 MT-AM
Plichta, Michael - 114 MT-PM, 717 WTh-AM
Plis, Sergey - 972 MT-PM
Plomp, Gijs - 1275 WTh-AM, 79 WTh-AM
Ploner, Markus - 1290 WTh-PM, 1421 MT-AM, 1427 MT-AM
Plotkin, Michail - 661 MT-AM
Plourde, Gilles - 629 MT-AM
Ploux, Sabine - 1106 WTh-PM
Pluck, Graham - **501 MT-AM**
Pluta, Agnieszka - **773 MT-AM**
Pobric, Gorana - 1021 WTh-AM
Pochon, Jean-Baptiste - 419 MT-AM
Pockett, Julia - 1084 WTh-PM
Podell, Jamie - **712 WTh-PM**
Podlipsky, Ilana - 110 WTh-PM, **1283 WTh-AM**, 661 WTh-AM
Poepfel, Torsten - 925 MT-AM
Pogarell, Oliver - 164 WTh-PM, 316 WTh-PM, 4 MT-PM, 530 MT-PM, 544 MT-PM, 55 MT-AM, 57 MT-AM
Pohl, Anna - **745 MT-AM**
Pohl, Carsten - 142 MT-PM
Pohlack, Sebastian - **1110 WTh-PM**, 367 MT-AM
Pohmann, Rolf - 10 MT-PM, 894 MT-PM
Poirel, Nicolas - 203 WTh-AM
Polack, George - 287 MT-AM
Polania, Rafael - 1131 WTh-AM, 777 MT-AM
Poldrack, Russell - 1017 MT-AM, 1177 MT-AM, 27 MT-AM, 47 MT-AM, 510 WTh-PM, 692 MT-PM
Poliakoff, Ellen - 1416 WTh-PM, **1447 MT-AM**, 1455 MT-AM, 1547 WTh-AM, 94 WTh-PM
Polimeni, Jonathan - 864 WTh-PM, **994 MT-PM**
Poline, Jean-Baptiste - 1090 MT-PM, 1271 WTh-AM, 1443 WTh-AM, 278 MT-PM, 722 WTh-PM, 740 WTh-PM, 962 WTh-PM
Polk, Thad - 1122 MT-PM
Polkowski, Christoph - 587 MT-AM
Pollak, Seth - 1425 WTh-AM
Pollick, Frank - 133 MT-AM, 1550 WTh-PM, 1570 WTh-PM, 1578 WTh-PM, 418 WTh-PM
Pollmann, Stefan - 1000, 88 WTh-PM
Pollock, Bruce - 694 WTh-PM
Pollok, Bettina - **1448 MT-PM**
Polo, Gustavo - 786 MT-PM
Poloni, Guy - 381 WTh-AM
POLOSAN, Mircea - **742 MT-PM**
Polzehl, Joerg - 1206 WTh-PM, 802 WTh-PM
Pomarol-Clotet, Edith - **548 MT-PM**, 990 MT-PM
Pons, Antonio - 1043 MT-AM
Pontes-Neto, Octavio - 330 MT-PM
Ponzio, Michela - 381 WTh-AM
Poon, Paul Wai-Fung - 1072 WTh-PM
Pope, Daniel - 1377 MT-AM, 92 WTh-PM
Popolizio, Teresa - 586 MT-PM, 955 MT-AM, 960 MT-PM
Popota, Foteini - 1389 MT-AM
Pöppel, Ernst - 1285 MT-AM, 164 MT-PM, 46 MT-PM, 613 WTh-AM
Porath, Mark - 1559 WTh-AM
Porcaro, Camillo - **1100 MT-PM**, **1347 WTh-AM**, **1530 MT-PM**, 237 MT-AM, 238 MT-PM, 795 MT-AM, 798 MT-PM
Porombka, Stephan - 1566 MT-PM
Porro, Carlo - 1278 WTh-PM
Porteous, David - 715 WTh-AM
Porters, Kwinten - 226 MT-PM
Posada, Andres - 283 MT-AM
Posecion, Lainie - 403 MT-AM
Poser, Benedikt - **917 WTh-AM**, **918 WTh-PM**, 976 WTh-PM
Posnansky, Oleg - 476 WTh-PM
Posse, Stefan - **980 WTh-PM**
Posth, Johanna - 950 MT-PM
Postle, Bradley - 3 WTh-AM, 37 WTh-AM
Poston, Brach - 11 WTh-AM
Potenza, Marc - 1448 WTh-PM, 296 WTh-PM, 684 MT-PM
Potiez, Yann - 1010 WTh-PM
Potkin, Steven - 1302 WTh-PM, 703 WTh-AM, 726 WTh-PM
Potter, Eric - 438 MT-PM
Potter, Mary - 129 MT-AM
Pouga, Lydia - 652 WTh-PM
Poupon, Cyril - 1326 MT-PM, 1334 MT-PM, 1362 WTh-PM, 1363 WTh-AM, 1368 WTh-PM, 819 WTh-AM, 847 WTh-AM

Poupon, Cyril - 1368 MT-PM, 818 WTh-PM
Poupon, Fabrice - 1326 MT-PM, 1362 WTh-PM, 1363 WTh-AM, **1368 WTh-PM**
Poustka, Fritz - 425 WTh-AM, 723 MT-AM
Powell, David - 348 WTh-PM
Powell, Joanne - **1486 WTh-PM, 216 WTh-PM**
Power, Andrea - 1418 MT-PM
Powers, Al - **1565 WTh-AM**
Powers, Chivon - 240 MT-PM
Poynton, Clare - 578 MT-PM
Poza-Rosich, Patricia - 910 WTh-PM
Pozzoli, Sara - 519 MT-AM
Prabhakaran, Vivek - 1012 MT-PM, 1176 MT-PM, 1046 MT-PM
Prado, Jérôme - **102 WTh-PM, 262 MT-PM**
Prado-Gutierrez, Pavel - **1567 WTh-AM**
Prakash, Ruchika - 1293 WTh-AM
Praško Pavlov, Ján - 441 MT-AM
Prat, Chantel - **1577 MT-AM**
Prata, Diana - 500 MT-PM
Prato, Marco - 1278 WTh-PM
Prats-Galino, Alberto - 1446 WTh-PM
Pratt, Hillel - 110 WTh-PM
Pravata, Emanuele - 1052 MT-PM, **335 MT-AM**
Prehn-Kristensen, Alexander - 478 WTh-PM, **917 MT-AM**
Preissl, Hubert - 1393 MT-AM, 230 WTh-PM, 649 MT-AM, 658 MT-PM
Prelle, Alessandro - 926 WTh-PM
Prescot, Andrew - 1510 WTh-PM
Prescott, James - 250 MT-PM
Pressnitzer, Daniel - 484 WTh-PM
Prestia, Annapaola - 498 MT-PM
Preuschhof, Claudia - 778 MT-PM
Preuschhoff, Kerstin - 746 MT-PM
Preuss, Nina - 960 WTh-PM
Preuss, Todd - 727 MT-AM, 833 WTh-AM
Preusse, Franziska - 241 MT-AM, **242 MT-PM**
Prevost, Charlotte - **578 WTh-PM**
Pribik, Rodd - **1392 WTh-PM**
Price, Cathy - 1034 WTh-PM, 1531 MT-AM, 600 MT-PM, 615 MT-AM, 987 MT-AM
Price, Gavin - 274 MT-PM, **279 MT-AM**
Price, Jared - 382 WTh-PM
Priebe, Carey - 1249 WTh-AM, 1392 WTh-PM
Prieto, Elena - 338 WTh-PM
Prince, Jerry - 1249 WTh-AM, 1390 WTh-PM, 1467 WTh-AM, 1086 MT-PM, 807 MT-AM, 1389 WTh-AM, 1391 WTh-AM
Prins, Niels - 184 WTh-PM
Prinz, Wolfgang - 1287 MT-AM
Priola, Julianna - 290 WTh-PM
Privado, Jesus - 72 MT-PM
Privitera, Michael - 1061 WTh-AM
Privman, Eran - 223 MT-AM
Proal, Erika - **502 WTh-PM**
Prod'homme, Katia - 16 MT-PM
Protzner, Andrea - 175 WTh-AM
Provost, Alexander - 123 MT-AM
Pruessner, Jens - 160 WTh-PM
Prüssmann, Klaas - 921 WTh-AM
Ptito, Alain - 433 WTh-AM, 297 WTh-AM, 387 WTh-AM
Ptito, Maurice - 898 MT-PM, 1543 WTh-AM, 904 MT-PM
Pu, Fang - 178 WTh-PM
Pugeat, Michel - 668 MT-PM
Puig, Josep - 1446 WTh-PM
Pujol, Jesus - 1202 MT-PM, 380 MT-PM, 386 MT-PM, 414 MT-PM, 401 MT-AM, 415 MT-AM
PUJOL, NURIA - **794 WTh-PM**
Pullens, Wilhelmus JLM - 302 MT-PM
Pullens, Wilhelmus LPM - **302 MT-PM**
Puls, Imke - 389 MT-AM
Pulvermuller, Friedemann - 1098 WTh-PM
Pun, Thierry - 1329 WTh-AM

Pung, Chris - 574 MT-PM
Purdy, David - 1420 WTh-PM, 750 WTh-PM, 867 MT-AM
Puschmann, Sebastian - **897 MT-AM**
Pustelniak, Monika - 1522 MT-PM
Putcha, Deepti - **169 WTh-AM, 384 WTh-PM**
Putt, Mary - 823 MT-AM
Pye, Rachel - 687 WTh-AM
Pyka, Martin - **1199 WTh-AM, 695 MT-AM**

Q

Qi, Zhigang - 309 WTh-AM
Qin, Shaozheng - **575 WTh-AM, 976 WTh-PM**
Qiu, Anqi - 1089 MT-AM, **1470 WTh-PM, 1471 WTh-AM, 179 WTh-AM**
Qiu, Yinchen - 1560 MT-PM
Quaghebeur, Gerardine - 1439 MT-AM, 1495 WTh-AM, 24 MT-PM, 25 MT-AM, 487 MT-AM, 488 MT-PM
Quarto, Tiziana - **955 MT-AM, 960 MT-PM**
Quevedo, Alexandre - 1431 MT-AM
Quian Quiroga, Rodrigo - 152 MT-PM
Quinn, Brian - 100 MT-PM, 311 MT-AM
Quinn, Kristen - 1282 MT-PM
Quiñones, Ileana - **1557 WTh-AM, 608 WTh-PM, 624 WTh-PM, 630 WTh-PM**
Quiñones Gonzalez, Ileana - 848 WTh-PM
Quiros, Alicia - **1202 WTh-PM**
Quraan, Maher - **1003 WTh-AM, 1126 WTh-PM**

R

R, Schmitz - 1117 WTh-AM
Raab, Markus - 894 WTh-PM
Raabe, Markus - 1152 WTh-PM, 1470 MT-PM
Rábago, Christopher - 25 WTh-AM
Rabin, Jennifer - **711 MT-AM**
Rabiner, Eugenii - 633 MT-AM
Rabinovici, Gil - 378 WTh-PM
Rabovsky, Milena - **1590 MT-PM**
Racey, Chris - **162 MT-PM**
Rachakonda, Srinivas - 1101 MT-AM
Radaideh, Majdi - 456 WTh-PM
Rademacher, Lena - **667 MT-AM, 675 MT-AM**
Radhakrishnan, Harsha - 1399 MT-AM
Radke, Sina - **87 MT-AM**
Raduà, Joaquim - 428 WTh-PM
Radulescu, Anca - **1209 MT-AM**
Radulescu, Eugenia - 820 MT-PM
Radvany, João - 40 MT-PM
Rae, Charlotte - 1112 WTh-PM
Raemaekers, Mathijs - **596 MT-PM**
Raffone, Antonino - 942 MT-PM
Ragert, Patrick - **1460 MT-PM, 910 MT-PM**
ragland, j. dan - 506 MT-PM
Rahko, Jukka - 982 MT-PM
Rahm, Benjamin - 229 WTh-AM, 248 MT-PM, 950 MT-PM, 587 MT-AM
Rahnev, Dobromir - 166 MT-PM, 84 WTh-PM
Raichle, Marcus - 1047 MT-AM, 1183 MT-AM, 1396 MT-PM
Raij, Tommi - 810 MT-PM
Raine, Adrian - 755 MT-AM
Rainville, Pierre - 1406 MT-PM
Raio, Constance - 571 MT-AM
Rajagopalan, Vidya - **1220 MT-PM, 790 WTh-PM**
Rajah, Maria Natasha - **160 WTh-PM**
Rajendra, Justin - 622 MT-PM
Raji, Cyrus - 319 WTh-AM, 703 WTh-AM
Rakuša, Martin - 1306 MT-PM
Ralf, Schirmmacher - 1484 WTh-PM
Ramachandra, Pranathi - 1503 WTh-AM
Ramage, Amy - 1312 MT-PM, 1314 MT-PM, **386 WTh-PM**

Ramanna, Sudhir - 939 WTh-AM
Ramautar, Jennifer - 1340 WTh-PM
Ramchandani, Vijay - 513 WTh-AM, 530 WTh-PM, 553 WTh-AM
Rami, Lorena - 347 WTh-AM, 368 WTh-PM, 388 WTh-PM, 846 WTh-PM
Ramirez, Rey - **1354 WTh-PM, 1468 MT-PM, 23 MT-AM**
Ramirez, Sergio - **861 MT-AM, 865 MT-AM**
Ramkumar, Pavan - 1099 MT-AM, **1424 MT-PM, 1461 MT-AM, 1114 MT-PM, 997 WTh-AM**
Ramnani, Narender - 1230 MT-PM, 1231 MT-AM, 720 MT-PM
Ramos, Antoni - 632 MT-PM, 909 MT-AM
Ramos, Milagros - 340 WTh-PM
Ramat, Michal - 223 MT-AM
Ramponi, Cristina - **1164 WTh-PM**
Ramsey, Richard - **66 MT-PM, 1287 MT-AM**
Ramus, Franck - 484 WTh-PM
Ranaweera, Ruwan - **944 WTh-PM, 975 WTh-AM**
Rance, Mariela - 1442 MT-PM
Randall, Billi - **1070 WTh-PM, 213 MT-AM, 1075 WTh-AM**
Rane, Pallavi - 991 MT-AM
Ranganath, Charan - 1155 WTh-AM
Rangel, Antonio - 531 WTh-AM, 545 WTh-AM
RANJEVA, Jean-Philippe - 328 MT-PM, 331 MT-AM, 494 WTh-PM, 883 MT-AM
Rankin, Katherine - 768 MT-PM
Rao, Anil - 336 WTh-PM, 342 WTh-PM, 821 WTh-AM
Rao, Lilin - 552 WTh-PM
Rao, Ravi - 1031 MT-AM
Rao, Steven - 1120 WTh-PM, 390 WTh-PM
rapin, lucile - **577 MT-AM**
Rapoport, Judith - 514 MT-PM, 725 WTh-AM
Rapp, Michael - 489 MT-AM, 661 MT-AM
Rasetti, Roberta - **531 MT-AM**
Rasmussen, Carmen - 490 WTh-PM
Rasmussen, Jerod - 936 WTh-PM
Rasmussen, Peter - **1298 WTh-PM, 1307 WTh-AM**
Rasser, Paul - **1378 WTh-PM, 573 MT-AM, 708 MT-PM**
Rath, Jakob - 1079 MT-AM, 1080 MT-PM, 1081 MT-AM, **1463 MT-AM**
Ratnam, Rama - 1521 WTh-AM
Ratnanather, Tilak - 1392 WTh-PM, 578 MT-PM, 438 MT-PM
Rattay, Frank - 890 MT-PM
Rauch, Astrid - **167 WTh-AM, 628 WTh-PM**
Rauchs, Géraldine - 901 MT-AM
Rausch, Andrew - 559 MT-AM
Rauschecker, Andreas - **234 MT-PM**
Rauschecker, Josef - 1517 WTh-AM, 1541 WTh-AM
Rauscher, Alexander - 791 MT-AM
Rawlings, Robert - 1207 WTh-AM
Ray, Kimberly - 1140 MT-PM
Ray, Nicola - 1213 MT-AM, 19 WTh-AM
Raybourn, Elaine - 896 MT-PM
Raymond, Jane - 731 MT-AM
Raz, Naftali - 165 WTh-AM
Raznahan, Armin - **725 WTh-AM**
Razumnikova, Olga - 246 MT-PM
Reale, Richard A. - 1072 WTh-PM
Rebola, Jose - **165 MT-AM, 177 MT-AM**
Reboul, Anne - 1106 WTh-PM
Rebsch, Christine - **820 MT-PM, 852 WTh-PM**
Reck, Christiane - 463 MT-AM
Reckless, Gregory - 644 MT-PM
Reddy, Pradeep - 357 WTh-AM
REDOUTE, Jérôme - **892 MT-PM**
Reed, Laurence - **676 MT-PM**
Rees, Geraint - 98 WTh-PM
Rees, Geraint - 1471 MT-AM, 235 MT-AM
Reetz, Kathrin - 345 WTh-AM, 472 MT-PM, 930 MT-PM
Regenbogen, Christina - 672 WTh-PM
Reggev, Niv - 1139 WTh-AM

Régis, Jean - 1475 WTh-AM, 328 MT-PM
 Reglade-Meslin, Chantal - 313 WTh-AM
 Rehme, Anne - **592 MT-PM**, 687 MT-AM
 Rei, Luca - 346 WTh-PM
 Reibel, Diane - 53 MT-AM
 Reich, Daniel - 1361 WTh-AM, 1390 WTh-PM, 1489 WTh-AM
 Reichenbach, Alexandra - **1259 MT-AM**
 Reichenbach, Jürgen - 1033 MT-AM, 495 MT-AM
 Reid, Alphonso - 1319 WTh-AM
 Reid, Andrew - **762 WTh-PM**
 Reid, Meredith - 555 MT-AM
 Reif, Andreas - 717 WTh-AM
 Reig, Santiago - 189 WTh-AM, 221 WTh-AM, 243 MT-AM, 529 MT-AM, 753 WTh-AM, 873 MT-AM, 891 MT-AM
 Reilhac, Anthonin - 892 MT-PM
 Reilly, James - 583 MT-AM
 Reilmann, Ralf - 1349 MT-AM
 Reiman, Eric - 360 WTh-PM
 Reimann, Katja - 855 MT-AM
 Reimão, Sofia - 125 MT-AM
 Reimer, Kevin - 537 WTh-AM
 Reimold, Matthias - 707 WTh-AM
 Reinders, A.A.T.Simone - 519 MT-AM, 564 MT-PM, 757 WTh-AM, 973 WTh-AM
 Reinhard, Iris - 277 WTh-AM
 Reis Marques, Tiago - 519 MT-AM, 564 MT-PM
 Reise, Steve - 1177 MT-AM
 Reiser, M - 343 WTh-AM
 Reiser, Maximilian - 1222 WTh-PM, 1285 MT-AM, 164 MT-PM, 4 MT-PM, 430 WTh-PM, 439 MT-AM, 46 MT-PM, 613 WTh-AM, 316 WTh-PM
 Reishofer, Gernot - 1237 WTh-AM, 195 WTh-AM, 269 MT-AM, 270 MT-PM, **869 MT-AM**
 Reiss, Allan - 474 WTh-PM, 645 WTh-AM, 774 MT-PM, 776 WTh-PM, 831 MT-AM
 Reiss, Phillip - 502 WTh-PM
 Reite, Martin - 539 MT-AM
 Reiter, Katherine - **1076 MT-PM**
 Reiterer, Susanne - **1516 MT-PM**
 Reith, Wolfgang - 713 WTh-AM, 714 WTh-PM, 926 MT-PM
 Reithler, Joel - 1384 WTh-PM, 1410 WTh-PM, 473 WTh-AM
 Rejeski, Walter - 174 WTh-PM
 Reiki, Islem - 1362 WTh-PM, 1368 WTh-PM
 Rekshan, William - 1279 MT-AM, 403 MT-AM
 Rektor, Ivan - **305 MT-AM**, 529 WTh-AM, 895 WTh-AM
 Rektorova, Irena - 305 MT-AM, 467 MT-AM
 Remes, Jukka - 12 MT-PM, 982 MT-PM
 Ren, Juejing - 1165 MT-AM
 Ren, Lei - 1017 WTh-AM
 Renard, Felix - 1112 MT-PM
 Renaud, Olivier - 200 MT-PM
 Reñe, Ramón - 474 MT-PM
 Renée, Béland - 1104 WTh-PM
 Rengachary, Jennifere - 1377 MT-AM
 Renier, Laurent - 1541 WTh-AM
 Renken, Remco - 1506 WTh-PM, 220 MT-PM, 541 MT-AM, 565 WTh-AM, 573 WTh-AM, 693 MT-AM, 977 MT-AM
 Renner, Brian - 374 WTh-PM
 Renner, Julia - 1412 MT-PM
 Rennie, Christopher - 351 MT-AM
 Renou, Pauline - 616 MT-PM
 Renshaw, Perry - 1510 WTh-PM
 Renton, Rachael - 978 WTh-PM
 Renton, Tara - 1426 MT-PM
 Rentz, Dorene - 384 WTh-PM
 Renvall, Hanna - **783 MT-AM**
 Renvall, Ville - **959 WTh-AM**
 Renzi, Chiara - **22 WTh-PM**
 Repo-Tiihonen, Eila - 708 MT-PM
 Repovs, Grega - **581 MT-AM**, 512 MT-PM
 Reppermund, Simone - 304 WTh-PM
 Resch, Franz - 708 WTh-PM, 922 MT-PM
 Reske, Martina - **247 WTh-AM**, 889 MT-AM
 Resnick, Susan - 1249 WTh-AM
 Ress, David - 1230 WTh-PM
 Ressler, Kerry - 377 MT-AM
 Restom, Khaled - 886 MT-PM
 Reutens, David - 1124 WTh-PM, 915 MT-AM
 Reuter, Françoise - **494 WTh-PM**, 883 MT-AM
 Reuter, Iris - 444 MT-PM
 Reuter, Martin - **1077 MT-AM**, **1078 MT-PM**, 1156 WTh-PM, 124 MT-PM, 650 WTh-PM
 Reuter-Lorenz, Patricia - 1358 WTh-PM, 148 WTh-PM
 Reyes, Katherine - 300 WTh-PM
 Reynolds, Joshua - 1140 WTh-PM
 Reynolds, Richard - 119 MT-AM
 Rezek, lead - **811 MT-AM**
 Rezek, lead - 1128 MT-PM
 Rheu, Kyoung-Hwan - 1402 MT-PM
 Rhoshel, Lenroot - 491 MT-AM
 Ribbens, Annemie - 1434 WTh-PM
 Ribeiro, Maria - 1309 WTh-AM, 489 WTh-AM
 Ribeiro, Sidarta - 158 MT-PM
 Ribeiz, Salma - 436 MT-PM
 Ricciardi, Emiliano - 1053 MT-AM, 1262 MT-PM, 132 WTh-PM, 1384 WTh-PM, 210 MT-PM, 350 MT-PM
 Richard, Latham - 765 MT-AM
 Richards, Anne - 170 WTh-PM, 176 WTh-PM
 Richards, Jessica - **560 WTh-PM**, 561 WTh-AM, 662 WTh-PM
 Richardson, Mark - 1395 MT-AM, 296 MT-PM, 329 MT-AM, 347 MT-AM
 Richardson-Klavehn, Alan - 1146 WTh-PM, 1153 WTh-AM, 1176 WTh-PM
 Richels, Johanna - 742 WTh-PM
 Richiardi, Jonas - 1108 MT-PM, **1266 WTh-PM**
 Richlan, Fabio - 1572 MT-PM, **477 WTh-AM**
 Richter, Anne - 282 WTh-PM
 Richter, Sylvia - 736 WTh-PM
 Rick, Jochen - 980 WTh-PM
 Rico, Audrey - 494 WTh-PM, 883 MT-AM
 Ridder, Stephanie - 1110 WTh-PM, 367 MT-AM
 Ridderinkhof, K. Richard - 1396 WTh-PM, 67 MT-AM
 Riddoch, Jane - 82 WTh-PM
 Ridgway, Gerard - **1214 MT-PM**
 Ridler, Khanum - 1390 MT-PM
 Rieben, Carole - 337 MT-AM
 Riecker, Axel - 1322 MT-PM, 1323 MT-AM, 1324 MT-PM, 1575 MT-AM
 Riedel, Michael - 57 MT-AM
 Rieder, Maria - **587 MT-AM**
 riedl, valentin - **1178 MT-PM**
 Riedner, Brady - 146 MT-PM
 Riedy, Gerard - 454 WTh-PM
 Riehle, Alexa - 1405 WTh-AM
 Riello, Marianna - 1171 WTh-AM
 Riener, Robert - 1278 MT-PM
 Ries, Michele - 193 WTh-AM, 435 WTh-AM, 455 WTh-AM
 Riesel, Anja - 421 MT-AM, 422 MT-PM
 Riesenhuber, Maximilian - 978 WTh-PM
 Rieskamp, Jörg - 647 MT-AM
 Rietschel, Marcella - 23 WTh-AM, 360 MT-PM, 502 MT-PM, 523 MT-AM, 698 WTh-PM, 707 WTh-AM, 738 WTh-PM
 Rietze, Mareike - **89 WTh-AM**
 Riggall, Adam - 3 WTh-AM
 Riggins, Tracy - 287 WTh-AM
 Riggs, Lily - **1182 WTh-PM**
 Rigolo, Laura - 1184 MT-PM, 1269 WTh-AM
 Rigoulot, Simon - 412 MT-PM
 Rijpkema, Mark - 1151 WTh-AM, 721 WTh-AM, 1167 WTh-AM
 Riley, Edward - 491 WTh-AM
 Riley, Eilyn - **1521 MT-AM**
 Riley, Jeff - **340 MT-PM**
 Rilling, James - **727 MT-AM**
 Rilling, James - 833 WTh-AM
 Rimkus, Carolina - **1378 MT-PM**
 Rimol, Lars - **574 MT-PM**, 565 MT-AM
 Rimpau, Christoph - 473 MT-AM
 Rinaudo, Cristina - 1507 MT-AM
 Ringelstein, E. Bernd - 304 MT-PM
 Ringuenet, Damien - 393 MT-AM
 Rinne, Teemu - 1535 WTh-AM
 Rio, Daniel - **1207 WTh-AM**
 Rios-Lago, Marcos - **446 WTh-PM**, **78 MT-PM**, 79 MT-AM
 Rioux, Pierre - **761 WTh-AM**
 Ripke, Stephan - **514 WTh-PM**
 Rippon, Gina - 597 WTh-AM
 Rish, Irina - 1271 WTh-AM, **1286 WTh-PM**
 Risner, Michael - 1475 MT-AM
 RISSER, Laurent - **1196 WTh-PM**
 Ritter, Christoph - **1432 MT-PM**
 Riva, Nilo - 926 WTh-PM
 Rivière, Denis - 1368 MT-PM, 1475 WTh-AM, 847 WTh-AM
 Ro, Tony - 1552 WTh-PM
 Robbins, Trevor - 1503 WTh-AM, 567 WTh-AM
 Roberson, Paula - 1394 MT-PM
 Roberta, Monge - 1375 WTh-AM
 Roberto, Bellotti - **1375 WTh-AM**
 Roberto, Gatti - 1242 MT-PM
 Roberts, Reece - 158 WTh-PM
 Roberts, Wendy - 1537 MT-AM
 Robertson, Diana - 750 MT-PM
 Robertson, Frances - **1238 WTh-PM**, 1388 MT-PM
 Robertson, Ian - 147 WTh-AM, 68 WTh-PM
 Robin, Arthur - 500 WTh-PM
 Robin, Donald - 1314 MT-PM, 1521 WTh-AM
 Robin, Donald - 1312 MT-PM
 Robinson, Jennifer - **1041 MT-AM**
 Robinson, Meghan - **1504 MT-PM**, 457 WTh-AM
 Robinson, Oliver - **623 MT-AM**
 Robinson, Peter - **1218 WTh-PM**, 1232 WTh-PM, 1233 WTh-AM, 351 MT-AM, **882 WTh-PM**, 984 MT-PM
 Robinson, Simon - 1162 MT-PM, 1171 WTh-AM, 976 MT-PM, 1081 MT-AM, 1288 WTh-PM, 956 WTh-PM, 957 WTh-AM
 Robitaille, Nicolas - **1376 WTh-PM**
 Robles, Olalla - 221 WTh-AM, 243 MT-AM
 Robles-Viejo, Montserrat - 1107 MT-AM
 Roby, John - 1477 MT-AM
 roca, isabel - 149 MT-AM
 Roca, Pauline - 1326 MT-PM
 ROCA, Pauline - **1368 MT-PM**
 Roccatagliata, Luca - 1247 MT-AM
 ROCHE, Alexis - 1208 MT-PM
 Roche, Rossany - **848 MT-PM**
 Rochon, Elizabeth - 310 WTh-PM
 Roddey, Cooper - 565 MT-AM
 Rodehacke, Sarah - **213 WTh-AM**
 Röder, Brigitte - 1579 WTh-AM
 Rodionov, Roman - 1240 WTh-PM, 325 MT-AM, 805 MT-AM, 963 WTh-AM
 Rodrigue, Karen - 156 WTh-PM, 165 WTh-AM
 Rodriguez, Eugenio - 177 MT-AM
 Rodríguez Díaz, Manuel - 131 MT-AM, 825 MT-AM
 Rodriguez-Fornells, Antoni - 117 MT-AM, 1578 MT-PM, 653 MT-AM, 1576 MT-PM, 890 WTh-PM, 1095 WTh-AM, 1299 MT-AM
 Rodríguez-Hernández, Antonio - 1236 MT-PM, 131 MT-AM, **1572 WTh-PM**, 247 MT-AM, 825 MT-AM
 Rodriguez-Pujadas, Aina - 1021 MT-AM, 1096 WTh-PM
 Rodriguez-Raecke, Rea - **1410 MT-PM**
 Rodriguez-Sanchez, Jose Manuel - 1433 WTh-AM
 Roe, Katherine - **481 WTh-AM**
 Roebroek, Alard - 1053 MT-AM, 1231 WTh-AM
 Roelstraete, Bjorn - **979 MT-AM**

Roenneberg, Till - 1285 MT-AM, 46 MT-PM
Roepstorff, Andreas - 47 WTh-AM, 528 WTh-PM, 665 WTh-AM, 1437 MT-AM, 228 MT-PM
Roffman, Joshua - 1363 MT-AM
Rogalski, Emily - **332 WTh-PM**, 361 WTh-AM, 787 WTh-AM
ROGER, Séverine - 1208 MT-PM
Rogers, Bill - **1477 MT-AM**, 706 WTh-PM, **755 WTh-AM**
Rogers, P - 86 MT-PM
Rogers, Peter - 398 MT-PM
Rogers, Robert - 554 WTh-PM
Rogers, Sally - 407 WTh-AM
Rogers, William - 1312 MT-PM, 1314 MT-PM
Rogowska, Jadwiga - **244 WTh-PM**, **384 MT-PM**
Rohenkohl, Gustavo - 230 MT-PM, **85 WTh-AM**
Rohr, Christiane - 1198 MT-PM, 621 MT-AM, **691 WTh-AM**
Roig, Teresa - 443 WTh-AM, 828 WTh-PM
Roiha, Kristina - **609 MT-AM**
Roiz-Santiañez, Roberto - 1433 WTh-AM, **516 MT-PM**
Rojas, Don - **414 WTh-PM**, **423 WTh-AM**, **539 MT-AM**, 994 WTh-PM, 1090 WTh-PM
Rojas, Gonzalo - **987 WTh-AM**
Rojas, Santiago - 1389 MT-AM
Rojo, Nuria - 117 MT-AM, 1299 MT-AM
Rokem, Ariel - **784 MT-PM**
Román, Patricia - 1021 MT-AM, **85 MT-AM**
Roman, Robert - 214 MT-PM, **895 WTh-AM**
Romani, Gian Luca - 1169 WTh-AM, 970 WTh-PM, 1179 MT-AM, 1250 MT-PM, 359 MT-AM, 697 MT-AM, 965 WTh-AM
Romano, Daniele - 381 MT-AM
Romano, Raffaella - 586 MT-PM, 955 MT-AM, 960 MT-PM
Rombouts, Serge A.R.B. - 1404 MT-PM, 1405 MT-AM, 1498 WTh-PM, 202 WTh-PM, 208 WTh-PM, 594 WTh-PM, 636 MT-PM, 1036 MT-PM, 214 WTh-PM, 549 WTh-AM, 748 MT-PM
Romei, Vincenzo - 104 WTh-PM, **1554 WTh-PM**
Romero Cela, Soledad - 534 MT-PM
Ronan, Lisa - **780 WTh-PM**, 333 MT-AM
Rondina, Jane - 1265 WTh-AM, 327 MT-AM
Ronneberger, Olaf - 594 MT-PM
Ronsse, Renaud - 1239 MT-AM
Roopchansingh, Vinai - 1193 MT-AM
Roos, Annerine - **1388 MT-PM**
Roos, Raymund - 1349 MT-AM, 1350 MT-PM, 457 MT-AM
Roosta, Ahmad - **1221 MT-AM**, 790 WTh-PM
Ropele, Stefan - 1292 MT-PM, 1321 MT-AM, 623 WTh-AM
Rosa, Maria Joao - **1192 WTh-PM**
Rosa, Paulo - 1210 MT-PM
Rosa-Neto, Pedro - 1182 MT-PM
Rosales, Oscar - **667 WTh-AM**
Rosanova, Mario - 147 MT-AM, 7 WTh-AM
Rosas, H. Diana - 1077 MT-AM, 1078 MT-PM, 376 WTh-PM, 868 MT-PM, 999 MT-AM
Rose, Chris - **1338 MT-PM**
Rose, Douglas - 309 MT-AM, 310 MT-PM, 817 MT-AM
Rose, Emma - **634 MT-PM**, **697 WTh-AM**
Rose, Michael - **1130 WTh-PM**
Rosell, Javier - 1202 MT-PM
Roselli, Carolina - 1184 WTh-PM
Rosen, Bruce - **1363 MT-AM**
Rosen, Bruce - 1399 MT-AM, 1491 WTh-AM
Rosen, Howard - 1137 MT-AM, 1296 WTh-PM
Rosen, Stuart - 1046 WTh-PM
Rosenbaum, Shayna - 711 MT-AM
Rosenberg, David - 500 WTh-PM
Rosenberg, Keren - **65 MT-AM**, 661 WTh-AM
Rosenberg-Lee, Miriam - **257 MT-AM**, 289 MT-AM, 290 MT-PM, 397 WTh-AM, **412 WTh-PM**
Rosenblatt, Jonathan - **914 WTh-PM**
rosende-roca, maitee - 149 MT-AM
Rosengarth, Katharina - **313 MT-AM**, 315 MT-AM, 1482 MT-PM, 1028 MT-PM
Rosenkranz, Karin - **1251 MT-AM**, 325 MT-AM, 805 MT-AM
Rosenkranz, Melissa - 611 WTh-AM
Rosenow, Felix - 1330 MT-PM, 452 MT-PM
Rosenstiel, Wolfgang - 850 WTh-PM
Rosenthal, David - 122 MT-PM
Rosini, Sandra - 321 WTh-AM
Rösler, Frank - 940 MT-PM
Ross, Amy - **403 MT-AM**
Ross, Amy - 1279 MT-AM
Ross, Bernhard - 1002 WTh-PM, 1132 WTh-PM, 1518 WTh-PM, 1242 WTh-PM
Ross, Cunningham - 250 MT-PM, 62 WTh-PM, 627 WTh-AM
Ross, Thomas - 256 MT-PM, 634 MT-PM, 946 WTh-PM, 255 WTh-AM, 679 MT-AM, 292 WTh-PM, 301 WTh-AM, 866 MT-PM, 662 WTh-PM, 560 WTh-PM, 561 WTh-AM
Rossee, Yves - **1211 MT-AM**, 1217 MT-AM, 979 MT-AM, 1219 WTh-AM
Rosselló, Jaume - 154 MT-PM
Rosset, Saharon - 1281 WTh-AM
Rossi, Bruno - 132 MT-PM
Rossi, Sandrine - **204 WTh-PM**, 203 WTh-AM
Rossi, Sonja - **1071 WTh-AM**
Rossignol, Mandy - **412 MT-PM**
Rossini, Paolo Maria - 893 WTh-AM
Rota, Giuseppina - 1580 MT-PM
Rotarska-Jagiela, Anna - 552 MT-PM, 782 WTh-PM
Rotenberg, Alexander - 33 WTh-AM, 4 WTh-PM
Rotger, Ramón - 1295 WTh-AM
Roth, Jennifer - **98 MT-PM**
Roth, Muriel - 1041 WTh-AM
Rothermel, Robert - 992 WTh-PM
Rothermich, Kathrin - **1068 WTh-PM**, 1302 MT-PM, 1111 WTh-AM
Rothkirch, Marcus - 209 MT-AM, 644 WTh-PM
Rothwell, John - 1251 MT-AM
Rotrosen, John - 286 WTh-PM
Rotshtein, Pia - **113 WTh-AM**, 237 MT-AM, 82 WTh-PM
Rotte, Michael - 1589 MT-AM
Rottschy, Claudia - **930 MT-PM**
Rotzer, Stephanie - 267 MT-AM
Rouger, Julien - 1023 WTh-AM, **1132 MT-PM**, 211 MT-AM, 603 WTh-AM, **785 WTh-AM**
Rounsaville, Bruce - 296 WTh-PM, 684 MT-PM
Rousseau, Francois - 1220 MT-PM, 1221 MT-AM, 1359 WTh-AM, 790 WTh-PM, 788 WTh-PM
Rousseau, Marc-Etienne - 761 WTh-AM
Rousselet, Guillaume - 1511 MT-AM, 207 MT-AM
Rousset, Stéphane - 1154 WTh-PM
Roussos, Panagiotis - **570 MT-PM**
Roussotte, Florence - **491 WTh-AM**
Roux, Franck-Emmanuel - 16 MT-PM, 1549 MT-AM
Roux, Sylvie - 95 WTh-AM
Rovet, Joanne - **1165 WTh-AM**
Rovet, Joanne - **1178 WTh-PM**, **774 WTh-PM**
Rovira, Mariana - 1389 MT-AM, 533 MT-AM, 632 MT-PM, 909 MT-AM
Rowe, James - 1478 MT-PM, **341 WTh-AM**, 39 MT-AM, 626 WTh-PM, **983 MT-AM**, 506 WTh-PM
Rowland, Laura - 677 MT-AM
Rowley, Howard - 193 WTh-AM, 435 WTh-AM, 455 WTh-AM
Roy, Amy - 1192 MT-PM
Roy, Marie-Sylvie - 1498 MT-PM
Ruber, Margot - 1349 MT-AM
Rüber, Theodor - **1317 MT-AM**
Ruberly, Erika - 766 MT-PM
Rubia, Katya - **217 WTh-AM**, **220 WTh-PM**, **470 WTh-PM**
Rubin, Denis - 1209 MT-AM, 668 WTh-PM, 1163 WTh-AM, 1225 MT-AM
Rubin, Nava - 947 MT-AM
Rubini, Giuseppe - 586 MT-PM
Rubinstein, Dani - **66 WTh-PM**
Rubinsten, Orly - 211 WTh-PM
Ruby, Perrine - 65 WTh-AM
Ruchow, Martin - 101 MT-AM
Rudas, Gabor - 800 WTh-PM
Rudie, Jeffrey - **413 WTh-AM**
Rudrauf, David - **1057 MT-AM**, 1356 WTh-PM, 1433 MT-AM, 429 MT-AM
Rueda, M. Rosario - 231 WTh-AM
Rueschemeyer, Shirley-Ann - 1052 WTh-PM
Ruether, Wolfgang - 1410 MT-PM
Ruf, Matthias - 1187 WTh-AM, **219 MT-AM**, 246 WTh-PM, 272 WTh-PM
Rufer, Michael - 374 MT-PM
Ruff, Christian - 1573 WTh-AM, 707 MT-AM, 951 MT-AM, 143 WTh-AM
Ruffini, Giulio - 3 MT-AM, 7 MT-AM
Ruge, Hannes - **103 MT-AM**
Ruh, Nina - 229 WTh-AM
Ruiter, Dirk - 1151 WTh-AM
Ruiz, Alba - 1389 MT-AM
Ruiz, Jose María - 349 WTh-AM
Ruiz, Sergio - **933 WTh-AM**, 521 WTh-AM, 1294 MT-PM
Ruiz de Miras, Juan - 322 WTh-PM, 460 WTh-PM, 754 WTh-PM
Ruiz-perez, Eva - 516 MT-PM
Ruiz-Vargas, José María - 928 MT-PM
Rujescu, Dan - 164 WTh-PM
Rullkoetter, Nina - 391 MT-AM
Rumiati, Raffaella Ida - 1280 MT-PM
Runge, Matthias - 21 MT-AM
Ruschel, Michael - **1449 WTh-AM**
Ruscheweyh, Ruth - 146 WTh-PM
Rushworth, Matthew - 119 WTh-AM, 1281 MT-AM, 29 MT-AM, 41 MT-AM, 522 WTh-PM, 544 WTh-PM, 903 MT-AM, 96 MT-PM
Russell, Elizabeth - 1425 MT-AM
Rutledge, Robb - 654 MT-PM
Rutschmann, Roland - 315 MT-AM
Rutter, Barbara - 244 MT-PM, **245 MT-AM**
Ruz, Maria - **533 WTh-AM**
Ryali, Srikanth - **1105 MT-AM**, 1312 WTh-PM, 228 WTh-PM
Ryan, Jennifer - 1182 WTh-PM
Ryan, Lee - 1140 WTh-PM
Rykhlevskaia, Elena - 1312 WTh-PM, 1581 MT-AM, 696 WTh-PM
Ryles, April - 747 WTh-AM
Ryner, Lawrence - 815 MT-AM
Ryu, Chang-Woo - 1402 MT-PM
Ryu, Keun Taik - 558 WTh-PM, 673 MT-AM
Ryu, Taek-Hyun - 189 MT-AM
Ryvlin, Philippe - 332 MT-PM, 786 MT-PM, 892 MT-PM

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Saad, Ziad S. - 1203 MT-AM, 1314 WTh-PM, **1327 WTh-AM**, 966 MT-PM, 924 WTh-PM, 485 MT-AM
Saalbach, Henrik - 268 MT-PM
Saarinen, Veli-Matti - 1004 WTh-PM
Sabatella, Filomena - 1419 MT-AM
Sabb, Fred - 47 MT-AM, **1177 MT-AM**
Sabel, Michael - 472 WTh-PM
Saber, Hooshang - 868 WTh-PM
Sabourin, Laura - 1040 WTh-PM
Sabri, Osama - 308 WTh-PM, 88 MT-PM
Sacco, Katuscia - 263 MT-AM, 888 MT-PM, 1167 MT-AM
Sach, Jack - 387 WTh-AM
Sachdev, Perminder - 1371 WTh-AM, 1460 WTh-PM, 313 WTh-AM, 357 WTh-AM, 155 WTh-AM, 302 WTh-PM, 304 WTh-PM, 588 MT-PM
Sachs, Olga - 1019 WTh-AM
Sack, Alexander - 168 MT-PM, 91 WTh-AM, 952 MT-PM
Sack, Ingolf - 486 MT-PM
Sadaghiani, Sepideh - **43 WTh-AM**, 139 MT-AM

Sadananthan, Suresh - 1374 WTh-PM
Sadato, Norihiro - 1150 WTh-PM
Sadee, Wolfgang - 586 MT-PM, 960 MT-PM
Sadikot, Abbas - 297 WTh-AM, 387 WTh-AM
Safford, Ashley - **236 MT-PM**
Safi, Dima - **1559 MT-AM**
Sager, Mark - 193 WTh-AM
sagi, yaniv - 907 MT-AM, 911 MT-AM
Sahakian, Barbara - 450 WTh-PM, 623 MT-AM
Saharan, Priya - 305 WTh-AM
Saharan, Priyanka - 355 WTh-AM
Sahin, Ned - **1591 MT-AM**
Sahl, Robert - 401 WTh-AM
Saint-Amour, Dave - 1498 MT-PM, 899 WTh-AM
Saiote, Catarina - **125 MT-AM**
Saito, Atsuko - 1387 MT-AM
Saito, Fumie - 996 WTh-PM
Saito, Nobuhito - 891 WTh-AM, 913 WTh-AM
Sajda, Paul - 1234 WTh-PM, 1279 WTh-AM
Sajonz, Bastian - 1145 WTh-AM
Sakai, Yuki - **397 MT-AM**, 361 MT-AM
sakaie, ken - **831 WTh-AM**, 832 WTh-PM
Sakamoto, Americo - 330 MT-PM
Sakamoto, Masanobu - 447 MT-AM
Sakata, Muneyuki - 1386 MT-PM
Sakurai, Noriko - 370 MT-PM, 398 WTh-PM
Sala, Stefania - **153 WTh-AM**
Sala-Llonch, Roser - 367 WTh-AM, 368 WTh-PM, **388 WTh-PM**, 5 MT-AM, 6 MT-PM, 846 WTh-PM
Salamon-Klobut, Ewa - 546 WTh-PM
Salarirad, Sima - 185 WTh-AM
Salat, David - 1141 MT-AM, 280 WTh-PM, **376 WTh-PM**, 817 WTh-AM, 868 MT-PM, 999 MT-AM
Salbach-Andrae, Harriet - 56 MT-PM, 639 MT-AM, 640 MT-PM
Saleh, Andreas - 1420 MT-PM, 709 WTh-AM
Salerno, Rosa Maria - 359 MT-AM
Salgado-Pineda, Pilar - 547 MT-AM
Salimi-Khorshidi, Reza - **1015 MT-AM**
Salimpoor, Valerie - **682 MT-PM**
Salinas, Felipe - **316 MT-PM**, **34 WTh-PM**
Saling, Michael - 1124 WTh-PM
Salman, Adnan - 906 WTh-PM
Salmelin, Riitta - 462 WTh-PM, 783 MT-AM, 970 MT-PM, 998 WTh-PM
Salmeron, Betty Jo - **287 WTh-AM**, 634 MT-PM, 283 WTh-AM, 301 WTh-AM, 255 WTh-AM
Salmi, Juha - 1493 MT-AM, **97 WTh-AM**
Salminen, Tiina - 430 WTh-PM
Salmon, Eric - 373 WTh-AM, 44 MT-PM
Salmond, Claire - 450 WTh-PM
Salomon, Roy - **178 MT-PM**
Salomons, Tim - **1433 MT-AM**
Saluja, Rajeev Singh - **433 WTh-AM**
Salustri, Carlo - 1347 WTh-AM
Salvador, Raymond - **990 MT-PM**, 548 MT-PM
Salvador, Ricardo - 3 MT-AM
Salvadore, Giacomo - **375 MT-AM**
Samaille, Thomas - **1364 WTh-PM**
S mann, Philipp - **440 MT-PM**, 582 WTh-PM
Sambataro, Fabio - 119 MT-AM, 1250 WTh-PM, 390 MT-PM, 470 MT-PM, 531 MT-AM, 712 WTh-PM, 820 MT-PM, 586 MT-PM
Sambin, Marco - 695 WTh-AM
Samii, Amir - 455 MT-AM
Sammer, Gebhard - **535 MT-AM**, 444 MT-PM, 49 MT-AM, 927 MT-AM
Sammler, Daniela - **1049 WTh-AM**
Sampat, Mehul - **445 WTh-AM**
Sampath, Hemalatha - 301 WTh-AM
Sams, Mikko - 1004 WTh-PM, 1187 MT-AM, 1493 MT-AM, 97 WTh-AM, 982 MT-PM, 635 WTh-AM
Samson, Andrea - 430 WTh-PM
Samudra, Preeti - 275 WTh-AM
Samuel, Michael - 19 MT-AM
Sanabria-Diaz, Gretel - **1450 WTh-PM**, 1464 WTh-PM
Sanches, Jo o - 1201 WTh-AM
Sanchez, Mar - 405 MT-AM
Sanchez, Natalia - 856 WTh-PM
Sanchez, Tiago - 158 MT-PM
S nchez-Bornot, Jos  - 1095 MT-AM
Sanchez-Carrion, Rocio - 828 WTh-PM
Sanchez-Castaneda, Cristina - **474 MT-PM**
S nchez-Gonz lez, Javier - 221 WTh-AM, 243 MT-AM
S nchez-N cher, Noemi - 783 WTh-AM
Sanchez-Panchuelo, Rosa - 1444 MT-PM
Sanchez-Salmon, Elena - 1433 WTh-AM
Sanchez-Valle, Raquel - 347 WTh-AM, 367 WTh-AM
Sanchez-Vives, Maria V. - 1406 WTh-PM
Sandmann, Pascale - **906 MT-PM**
Sandrini, Marco - 68 MT-PM
Sands, Lauren - 377 MT-AM
Sandu, Anca-Larisa - **393 MT-AM**
Sanes, Jerome - **1304 MT-PM**
Sangani, Masoud - 1010 WTh-PM
Sanghera, Manjit - 1041 MT-AM
Sani, Lorenzo - 1053 MT-AM, 1384 WTh-PM, 210 MT-PM
Sanju n, Ana - 118 WTh-PM, 1021 MT-AM, **1096 WTh-PM**, **314 MT-PM**
Sanju n, Julio - 1107 MT-AM
SanMiguel, Iria - **48 WTh-PM**
Santamar a, Carlos - 247 MT-AM
Santhanam, Priya - **260 WTh-PM**, **772 WTh-PM**
Santoro, Gino - 1384 WTh-PM
santos, andrea - 547 WTh-AM, **649 WTh-AM**
Santos, Antonio - 158 MT-PM, 330 MT-PM
Santos, Gabriela - 1008 MT-PM
Sanz Cort s, Magdalena - 460 WTh-PM
Sanz-Arigita, Ernesto - 1236 WTh-PM
Sanz-Cort s, Magdalena - **480 WTh-PM**
Sapiro, Guillermo - 867 WTh-AM, 871 WTh-AM
Saraiva, Ana - 230 MT-PM
Saram ki, Jari - 635 WTh-AM
Sarfeld, Anna-Sophia - **2 WTh-PM**, 591 MT-AM
Saria, Suchi - 1306 WTh-PM
Sarri, Margarita - **74 WTh-PM**
Sarr , Salvador - 548 MT-PM
Sasai, Shuntaro - **1022 MT-PM**
Sasaki, Hiroki - 1325 MT-AM
Sasaoka, Takafumi - **780 MT-PM**
Sass, Katharina - **1019 WTh-AM**
Sassa, Yuko - **1426 WTh-PM**, 180 MT-PM, 200 WTh-PM, 734 MT-PM, 899 MT-AM
Sassa, Yuko - 1421 WTh-AM
Sasson, Efrat - **154 WTh-PM**, 907 MT-AM, 911 MT-AM
Sassoon, Stephanie - 403 MT-AM
SATA, Masashi - **1415 WTh-AM**, 83 MT-AM
Sathian, Krish - 1559 WTh-AM
Sato, Hiroki - 824 MT-PM, 826 MT-PM, 832 MT-PM, **834 MT-PM**, 939 MT-AM
Sato, Joao - 1205 MT-AM, 40 MT-PM, **716 MT-PM**, 986 WTh-PM
Sato, Kazunori - 1452 WTh-PM, **1454 WTh-PM**
Sato, Marc - 1025 WTh-AM, 1027 WTh-AM, 1518 MT-PM, 577 MT-AM
Sato, Masa-aki - 1275 MT-AM
Sato, Nobuya - 446 MT-PM
SATO, Yuri - **252 MT-PM**
Sato, Yutaro - **714 MT-PM**
Satterthwaite, Theodore - 381 MT-AM
Sauer, Carina - 23 WTh-AM, 547 WTh-AM, **650 WTh-PM**, 654 WTh-PM
Sauer, Heinrich - 1033 MT-AM, 1382 WTh-PM, 1442 WTh-PM, 339 WTh-AM, 388 MT-PM, 495 MT-AM, 558 MT-PM
Saugar, Cristina - 655 WTh-AM
Saunders, Richard - 1473 MT-AM
Saupe, Katja - **1577 WTh-AM**
Saur, Dorothee - 1024 WTh-PM, 106 WTh-PM, 1336 WTh-PM, 1541 MT-AM, **361 WTh-AM**, **594 MT-PM**, 603 MT-AM
Sautter, Rebecca - 1564 WTh-PM, **182 MT-PM**
Savadjiev, Peter - **559 MT-AM**
Savage, Greg - 1127 WTh-AM
Savli, Markus - **890 MT-PM**, 1373 WTh-AM
Savostyanov, Alexander - 1173 MT-AM, 1264 WTh-PM, 1294 WTh-PM
Savoy, Robert - 668 WTh-PM
Sawai, Misa - **822 MT-PM**
Sawamoto, Nobukatsu - 1395 WTh-AM, 579 MT-AM
Saxe, Rebecca - 725 MT-AM, 767 MT-AM, 773 MT-AM
Saygin, Zeynep - **1370 MT-PM**
Saykin, Andrew - 405 WTh-AM, 703 WTh-AM, 726 WTh-PM
Sboto-Frankenstein, Uta - 972 WTh-PM, 815 MT-AM
Scanlon, Cathy - 333 MT-AM, **318 MT-PM**, **319 MT-AM**
Scarpa, Fabio - 286 MT-PM
Scarpazza, Cristina - 362 MT-PM
Scatturin, Pietro - 286 MT-PM
Sczufca, M rcia - 1381 MT-AM
Scerif, Gaia - 505 WTh-AM
Sch bitz, Wolf-R diger - 1290 MT-PM
Schabus, Manuel - 44 MT-PM
Schachar, Russell - 459 WTh-AM, 989 WTh-AM
Schachtzabel, Claudia - 388 MT-PM, 495 MT-AM, 510 MT-PM
Schacter, Daniel - 1134 WTh-PM, 1180 WTh-PM, 158 WTh-PM, 1149 WTh-AM
Schaefer, Axel - 271 WTh-AM
Schaefers, Gregor - 786 MT-PM
Schaer, Marie - **1493 WTh-AM**, 503 WTh-AM, **797 WTh-AM**
Sch fer, Andreas - 512 WTh-PM, 786 WTh-PM
Schaie, Warner - 176 WTh-PM
Schall, Sonja - **1555 WTh-AM**
Schall, Ulrich - 1378 WTh-PM, **573 MT-AM**
Schaller, Karl - 317 MT-AM
Schalling, Martin - 664 WTh-PM
Schapkin, Sergei - **191 WTh-AM**
Scharinger, Christian - 408 MT-PM, **737 WTh-AM**
Scharnowski, Frank - **1471 MT-AM**
Schatten, Gerald - 1420 WTh-PM, 867 MT-AM
Scheef, Lukas - **1412 MT-PM**, 449 MT-AM
Scheeringa, Ren  - 43 WTh-AM, **813 MT-AM**
Scheibe, Christina - 417 MT-AM
Scheibel, Kevin - 1110 MT-PM
Scheibel, Randall - 456 WTh-PM
Scheich, Henning - 144 MT-PM, 1560 WTh-PM, 42 WTh-PM
Scheid, Rainer - 452 WTh-PM
Scheid, Stefanie - 313 MT-AM
Scheidegger, Olivier - 336 MT-PM
Scheinin, Harry - 1038 MT-PM
Schel, Margot - 214 WTh-PM
Schelter, Bjoern - 1336 WTh-PM
Schenk, Maleka - 1112 MT-PM
Schenker, Natalie - 1494 WTh-PM
Schennach-Wolff, Rebecca - 544 MT-PM
Scherbaum, Norbert - 847 MT-AM
Scherg, Michael - 877 WTh-AM
Scherk, Harald - 713 WTh-AM, 714 WTh-PM
Scherling, Carole - **913 MT-AM**
Scherpiet, Sigrid - 558 MT-PM
Scheuerecker, Johanna - 358 MT-PM, 366 MT-PM
Scheuermann, Gerik - 1468 WTh-PM
Scheurer, Eva - 1321 MT-AM
Schiavi, Emanuele - 446 WTh-PM
Schienle, Anne - 271 WTh-AM
Schiff, Sami - 121 MT-AM

Schiffbauer, Hagen - 1290 MT-PM
 Schiffer, Anne-Marike - 1308 MT-PM, **1394 WTh-PM**
 Schifitto, Giovanni - 1488 WTh-PM, 344 WTh-PM, 377 WTh-AM, 382 WTh-PM, 860 MT-PM
 Schikora, Julia - 495 MT-AM
 Schilbach, Leonhard - **67 WTh-AM**
 Schild, Hans - 1412 MT-PM, 449 MT-AM
 Schiller, Niels - 1036 WTh-PM, 1538 MT-PM, 640 WTh-PM
 Schiltz, Christine - 281 MT-AM
 Schiltz, Kolja - 427 MT-AM
 Schindler, Charles - 866 MT-PM
 Schippers, Marleen - **977 MT-AM**
 Schira, Mark - 1233 WTh-AM
 Schirmbeck, Frederike - 547 WTh-AM
 Schirmer, Timo - 440 MT-PM
 Schlagenhauf, Florian - 246 WTh-PM, 273 WTh-AM, 389 MT-AM, 56 MT-PM, 639 WTh-AM, 640 MT-PM, 489 MT-AM, **661 MT-AM**
 Schlaier, Juergen - 313 MT-AM
 Schlaug, Gottfried - 1340 MT-PM, 431 WTh-AM
 Schleicher, Axel - 1429 WTh-AM
 Schliendwein, Peter - 873 WTh-AM
 Schlitt, Sabine - 723 MT-AM
 Schloegl, Haiko - 1020 MT-PM
 Schloemer, Philipp - 1462 WTh-PM
 Schloesser, Ralf - 558 MT-PM
 Schlösser, Ralf - **1033 MT-AM**, 388 MT-PM, 495 MT-AM, 510 MT-PM
 Schluep, Myriam - 141 WTh-AM
 Schluppeck, Denis - 1444 MT-PM
 Schmaal, Lianne - **262 WTh-PM**
 Schmack, Katharina - 389 MT-AM
 Schmahl, Christian - 356 MT-AM
 Schmid, Michael - **1473 MT-AM**
 Schmid, Volker - 1206 WTh-PM
 Schmidhammer, Robert - 1463 MT-AM
 Schmidt, Arielle - 429 WTh-AM
 Schmidt, Christina - **44 MT-PM**, 1438 WTh-PM, 1141 WTh-AM
 Schmidt, Dirk - 213 WTh-AM
 Schmidt, Ehud - 1481 WTh-AM
 Schmidt, Melissa - 674 WTh-PM
 Schmidt, Peter - 756 WTh-PM
 Schmidt, Reinhold - 1292 MT-PM
 Schmidt, Stephanie - **383 MT-AM**
 Schmidt-Kassow, Maren - 1068 WTh-PM, **1111 WTh-AM**
 Schmidt-Samoa, Carsten - **1131 WTh-AM**, 777 MT-AM
 Schmithorst, Vincent - **884 MT-PM**
 Schmitt, Andrea - 713 WTh-AM, 714 WTh-PM
 Schmitt, Frederick - 171 WTh-AM
 Schmitt, Tanja - **802 MT-PM**
 Schmitz, Christoph - 828 MT-PM, 846 MT-PM
 Schmitz, Taylor - **192 WTh-PM**
 Schmutz, Kaitlyn - 1593 MT-AM
 Schnabel, Julia - 1085 MT-AM
 Schnack, Hugo - **1382 WTh-PM**, 1442 WTh-PM, 732 WTh-PM
 Schnakers, Caroline - 147 MT-AM, 183 MT-AM, 449 WTh-AM, 612 MT-PM
 Schneider, Claudia - 1294 MT-PM
 Schneider, Daniel - **672 WTh-PM**
 Schneider, Fabien - 1543 WTh-AM, 898 MT-PM, 904 MT-PM
 Schneider, Felix - 605 WTh-AM
 Schneider, Francis - 1112 MT-PM
 Schneider, Frank - 381 MT-AM, 387 MT-AM, 395 WTh-AM, 476 WTh-PM, 562 MT-PM, 59 WTh-AM, 598 WTh-PM, 599 WTh-AM, 712 MT-PM, 718 MT-PM, 737 MT-AM, 936 MT-PM, 392 MT-PM, 595 WTh-AM
 Schneider, Gerd - 20 MT-PM
 Schneider, Julie - 752 WTh-PM
 Schneider, Karen - 115 MT-AM
 Schneider, Walter - 823 WTh-AM, 858 WTh-PM
 Schneider-Axmann, Thomas - 713 WTh-AM
 Schneiderman, Jason - 570 MT-PM
 Schnell, Susanne - 361 WTh-AM
 Schnitker, Ralph - 1522 MT-PM
 Schnitzler, Alfons - 1420 MT-PM, 1448 MT-PM, 469 MT-AM, 709 WTh-AM
 Schnizer, Mathilde - 934 WTh-PM
 Schobert, Anne - **1497 MT-AM**
 Schock, Lisa - **364 MT-PM**
 Schocke, Michael - 424 WTh-PM
 Schoenholtz, Noah - 258 MT-PM
 Schoening, Sonja - 167 WTh-AM
 Schoepf, Veronika - 100 WTh-PM, 1011 MT-AM, 1127 MT-AM, 1198 WTh-PM, 1227 WTh-AM, 175 MT-AM, 358 MT-PM, 366 MT-PM
 Schofield, Thomas - **600 MT-PM**
 Scholte, H. Steven - 1396 WTh-PM, 195 MT-AM
 Scholz, Jan - 1269 MT-AM, 727 MT-AM, **902 MT-PM**
 Scholz, Robert - 407 WTh-AM
 Schonberg, Tom - **510 WTh-PM**
 Schönfelder, Sandra - 418 MT-PM, 604 WTh-PM
 Schöning, Sonja - 1199 WTh-AM, 695 MT-AM
 Schönknecht, Peter - 1362 MT-PM
 Schönmann, Claudia - 267 MT-AM
 Schooler, Lael - 534 WTh-PM
 Schoots, Vincent - 585 WTh-AM
 Schork, Nicholas - 1139 MT-AM, 565 MT-AM
 Schott, Björn - 1146 WTh-PM, 20 MT-PM
 Schott, Björn - 646 MT-PM, **736 WTh-PM**
 Schrader, Dewi - **320 MT-PM**
 Schroeder, Matthew - **568 MT-PM**, 679 MT-AM
 Schroeter, Matthias - 308 WTh-PM, **365 WTh-AM**, 452 WTh-PM, 88 MT-PM, 911 WTh-AM
 Schröger, Erich - 1577 WTh-AM, 48 WTh-PM, 56 WTh-PM
 Schröter, Manuel - 582 WTh-PM
 Schrouff, Jessica - 1321 WTh-AM
 Schubotz, Ricarda I. - **1122 WTh-PM**, 1308 MT-PM, 1394 WTh-PM, 1495 MT-AM, 657 WTh-AM
 Schubotz, Ricarda L. - **117 WTh-AM**, **1291 MT-AM**
 Schuff, Norbert - 1137 MT-AM, 1296 WTh-PM, 314 WTh-PM, 360 WTh-PM
 Schuit, Dirk - 1515 WTh-AM
 Schüller, Nadja - 23 WTh-AM
 Schulte, Stephanie - 1084 WTh-PM, 329 WTh-AM
 Schulte-Rüther, Martin - 745 MT-AM
 Schultz, Aaron - 169 WTh-AM
 Schultz, Christoph - 495 MT-AM
 Schultz, Johannes - **194 MT-PM**
 Schultz, Robert - 169 MT-AM, 401 WTh-AM, 416 WTh-PM, 206 MT-PM
 Schultz, Wolfram - 523 WTh-AM, 545 WTh-AM
 Schultze, Kristin - 1288 MT-PM
 Schulz, Enrico - **1290 WTh-PM**, 1421 MT-AM, **1427 MT-AM**, 473 WTh-AM
 Schulz, Jörg - 345 WTh-AM, 472 MT-PM, 930 MT-PM
 Schulz, S. - 499 MT-AM, 527 MT-AM
 Schulz-Juergensen, Sebastian - 482 WTh-PM
 Schulz-Schaeffer, Walter - 779 WTh-AM
 Schulte, Thomas - 1533 MT-AM
 Schulze-Bonhage, Andreas - 1248 WTh-PM, 125 WTh-AM, 1255 MT-AM, 1301 MT-AM, 1322 WTh-PM, 1543 MT-AM, 589 MT-AM
 Schumann, Gunter - 1426 MT-PM
 Schur, Ellen - 688 MT-PM
 Schürholz, Markus - **856 MT-PM**
 Schürmann, Britta - 1412 MT-PM
 Schürmann, Martin - 222 MT-PM
 Schurz, Matthias - **1568 MT-PM**, 473 WTh-AM, 477 WTh-AM
 Schuster, Tibor - 1427 MT-AM
 Schüttauf, Johannes - 1451 MT-AM
 Schütte, Christoph - 1371 MT-AM, 1492 WTh-PM
 Schutter, Dennis J.L.G. - 35 WTh-AM
 Schütze, Gunther - 1383 MT-AM
 Schütze, Hartmut - 917 MT-AM
 Schuyler, Brianna - **611 WTh-AM**
 Schwab, Matthias - 37 MT-AM
 Schwartz, Daniel - 289 MT-AM, 290 MT-PM, 269 WTh-AM
 Schwartz, Denis - 1015 WTh-AM, 484 WTh-PM
 Schwartz, Jean-Luc - 1027 WTh-AM, 1518 MT-PM
 Schwartz, Sophie - 1266 WTh-PM, 373 MT-AM
 Schwartz, Yannick - 1090 MT-PM, **1443 WTh-AM**, 962 WTh-PM
 Schwartze, Michael - **1302 MT-PM**
 Schwartzman, Ashley - 520 WTh-PM
 Schwarz, Adam - 1500 WTh-PM, **980 MT-PM**
 Schwarzbach, Jens - 111 WTh-AM, 1497 MT-AM, 812 MT-PM
 Schwarzbauer, Christian - 911 WTh-AM
 Schweder, Patrick - **1439 MT-AM**, **1495 WTh-AM**, **24 MT-PM**, **25 MT-AM**, **487 MT-AM**, **488 MT-PM**
 Schweisfurth, Meike - 1453 MT-AM
 Schweitzer, Julie - 287 WTh-AM, 634 MT-PM
 Schweitzer, Kerstin - 1237 WTh-AM
 Schweizer, Renate - **1453 MT-AM**
 Schweizer, Susanne - 741 MT-AM
 Schweizer, Tom - 1286 MT-PM, 618 MT-PM
 Schwenzler, Michael - 674 MT-PM
 Schwiedrzik, Caspar - 199 MT-AM
 Schwindt, Graeme - **310 WTh-PM**, 877 MT-AM
 Schwindt, Wolfram - **1505 MT-AM**
 Schyns, Philippe - 104 WTh-PM, 675 WTh-AM, 211 MT-AM, 1514 MT-PM, 689 WTh-AM
 Scilingo, Enzo - 1262 MT-PM
 Scoriels, Linda - 569 MT-AM
 Scott, David - **1279 MT-AM**, 403 MT-AM
 Scott, Sophie - 1046 WTh-PM, 908 MT-PM
 Scott-Van Zeeland, Ashley - **1139 MT-AM**
 Scouten, Amy - **877 MT-AM**
 Seal, Marc - 1346 MT-PM, 276 WTh-PM, 299 WTh-AM
 Seaman, Sean - 120 MT-PM
 Searcy, Yvonne - 645 WTh-AM
 Searle, Graham - 633 MT-AM
 Sebanz, Natalie - 1274 MT-PM
 Sebastian, Alexandra - **73 MT-AM**, 74 MT-PM, 802 MT-PM
 sebastian, rajani - **595 MT-AM**
 Sebastiani, Valentina - **1250 MT-PM**
 Seco de Herrera, Alba - 446 WTh-PM
 Seebold, Miriam - 422 MT-PM
 Seeck, Margitta - 317 MT-AM
 Seeds, Lauren - 1341 MT-AM
 Seeley, William - 378 WTh-PM, 692 WTh-PM, 768 MT-PM
 Seeringer, Angela - 694 MT-PM, 870 MT-PM
 Segall, Judith - 1093 MT-AM
 Segarra, Dolores - 763 WTh-AM
 SEGEBARTH, Christoph - 742 MT-PM
 Segerdahl, Andy - 1153 MT-AM
 Seghier, Mohamed - 615 MT-AM, **987 MT-AM**
 seghouane, abd-krim - **1227 MT-AM**
 Segmiller, Felix - 55 MT-AM, 57 MT-AM
 Séguin, Jean - 363 MT-AM
 Sehlmeier, Christina - 167 WTh-AM, 42 MT-PM
 Seidel, Barbara - 329 WTh-AM
 Seidel, Eva-Maria - **381 MT-AM**, 718 MT-PM, 735 MT-AM
 Seidenbecher, Constanze - 646 MT-PM, 736 WTh-PM
 Seidenberg, Mark - 1087 WTh-AM
 Seidenberg, Michael - 390 WTh-PM
 Seidler, Rachael - 1232 MT-PM, 1313 MT-AM, 148 WTh-PM, 475 MT-AM
 Seidman, Larry - 483 WTh-AM
 Seiferth, Nina - **562 MT-PM**
 Seifritz, Erich - 1536 WTh-PM, 580 WTh-PM, 711 WTh-AM
 Seitz, Rüdiger - 1079 MT-AM, 1080 MT-PM, 472 WTh-PM
 Sekiguchi, Atsushi - 1445 MT-AM, **261 MT-AM**, 630 MT-PM, 734 MT-PM
 Sekihara, Kensuke - **1035 MT-AM**, **999 WTh-AM**

Sel, Alejandra - 1028 WTh-PM, 1038 WTh-PM, **1039 WTh-AM**
Selimbeyoglu, Aslihan - **14 MT-PM**, 234 MT-PM
Selway, Richard - 1395 MT-AM, 19 MT-AM
Semenza, Carlo - 195 WTh-AM
Seminowicz, David - **1429 MT-AM**, 1416 MT-PM, 430 MT-PM, 1458 MT-PM
Senstad, Rudy - 1313 WTh-AM
Seo, Dongju - **250 WTh-PM**
Seo, Sang Won - 362 WTh-PM
Seol, Jaeho - **1542 WTh-PM**
Sepede, Gianna - **359 MT-AM**, 697 MT-AM
Sepulchre, Rodolphe - 1124 MT-PM
Sepulcre, Jorge - 322 WTh-PM, 754 WTh-PM
Squeira, Henrique - 412 MT-PM
Sercheli, Mauricio - 327 MT-AM
Serences, John - 932 MT-PM
Serenio, Martin - 1355 MT-AM, 1452 MT-PM, 1573 MT-AM, 218 WTh-PM, 1537 WTh-AM
Sergent, Claire - **57 WTh-AM**
Seri, Stefano - 237 MT-AM, 238 MT-PM
Series, Peggy - 799 WTh-AM
Serra-Grabulosa, Josep M - **1499 WTh-AM**
Serres, Barthélémy - 1432 WTh-PM
Serrien, Deborah - **1297 MT-AM**
Serroni, Nicola - 359 MT-AM
Server, Andres - 644 MT-PM
Sescousse, Guillaume - **666 MT-PM**
Sestieri, Carlo - 1052 MT-PM, **1169 WTh-AM**, 335 MT-AM
setsompop, kawin - **872 WTh-PM**
Seurinck, Ruth - **288 MT-PM**
Sevy, Serge - 771 WTh-AM
Seyed-Allaei, Shima - 62 MT-PM
Seymour, Ben - 535 WTh-AM
Seymour, Emma - 688 WTh-PM
Sforza, Anna - **1584 WTh-PM**
Shackman, Alexander - 3 WTh-AM
Shadmehr, Reza - 1315 MT-AM
Shafto, Meredith - 1075 WTh-AM
Shah, Carolin - 1566 MT-PM, **51 MT-AM**
Shah, N. Jon - 472 MT-PM, 476 WTh-PM, 523 MT-AM, 562 MT-PM, 634 WTh-PM, 67 WTh-AM, 698 WTh-PM, 704 WTh-PM, 738 WTh-PM, 800 MT-PM, 889 MT-AM, 930 MT-PM, 1349 WTh-AM
Shah, Yash - **1304 WTh-PM**, **1305 WTh-AM**
Shallice, Tim - 62 MT-PM
Shane, Matthew - **576 WTh-PM**
Shankaranarayanan, Ajit - 466 MT-PM
Shanks, Michael - 1478 WTh-PM, 731 WTh-AM
Shannon, Benjamin - **1047 MT-AM**
Shannon, Steve - 1016 MT-PM, 919 MT-AM
Shannon Weickert, Cynthia - 490 MT-PM, 491 MT-AM
Shapira-Lichter, Irit - **1119 WTh-AM**
Shapiro, Kimron - 731 MT-AM
Sharda, Megha - 1540 MT-PM
Sharma, Harish - 190 WTh-PM
Sharman, Mike - 1350 MT-PM
Sharot, Tali - **507 WTh-AM**
Sharp, David - **453 WTh-AM**, 93 MT-AM, 451 WTh-AM
Sharp, James - 298 WTh-PM
Sharpe, Michael - 986 MT-PM
Shattuck, David - 1363 MT-AM
Shattuck, Kyle - 978 WTh-PM
Shaul, Shelley - **1551 MT-AM**
Shaw, Julia - 1182 WTh-PM
Shaw, Leslie - 355 WTh-AM
Shaw, Marnie - **1012 WTh-PM**, 354 MT-PM
Shaw, Philip - **709 MT-AM**
Shaw-Taylor, John - 1276 WTh-PM
Shawe-Taylor, John - 1277 WTh-AM
Shaywitz, Bennett - 835 WTh-AM
Shaywitz, Sally - 835 WTh-AM
Sheard, Erin - 1165 WTh-AM, 1178 WTh-PM, 774 WTh-PM

Shedden, Judith - 1181 WTh-AM
Shedden, Kerby - 1122 MT-PM
Sheeran, Paschal - 606 WTh-PM
Sheftel, Jenna - 611 WTh-AM
Shehzad, Zarrar - **108 WTh-PM**, 1195 MT-AM, 413 WTh-AM
Shekhar, Anantha - 1508 MT-PM
Shelby, Evan - 520 WTh-PM
Sheldon, Sarah - 481 MT-AM
Shelton, Steve - 804 WTh-PM
Shemyakina, Natalia V - **1065 WTh-AM**
Shen, Danlin - 556 MT-PM
Shen, Dawei - **58 WTh-PM**
Shen, Huicong - 597 MT-AM
Shen, I-Hsuan - **50 MT-PM**
Shen, Jun - 375 MT-AM, 820 MT-PM
Shen, Li - 703 WTh-AM, 726 WTh-PM
Shen, Ming-Hsun - 311 WTh-AM
Shen, Xilin - **1370 WTh-PM**
Sheng, Pei Hong - 652 MT-PM
Shenton, Martha - 559 MT-AM
Sheppard, John - **1045 MT-AM**
Sherbondy, Anthony - **854 WTh-PM**
Shergill, Sukhwinder - 672 MT-PM
Sheridan, Carol - 1570 WTh-PM
Sherif, Tarek - 761 WTh-AM
Sherr, Elliott - 1013 WTh-AM, 1358 MT-PM
Sheu, Lei - **738 MT-PM**
Shevlyakova, Maya - 141 WTh-AM
Shi, Lin Ping - 1461 WTh-AM
Shi, Wei - 1344 MT-PM
Shibata, Hiroshi - **699 MT-AM**
Shibata, Midori - **1044 WTh-PM**
Shiee, Navid - **1390 WTh-PM**, **1489 WTh-AM**
Shiell, Martha - 1582 WTh-PM
Shigemune, Yayoi - **643 MT-AM**
Shih, Vanessa - 1105 WTh-AM
Shih, Yen-Yu - 1477 MT-AM
Shiloff, Deborah - 463 WTh-AM, 465 WTh-AM
Shim, Deumsook - 515 MT-AM, 791 WTh-AM
Shim, Hyang E - 1360 MT-PM
Shim, Woo Hyun - 1399 MT-AM
Shim, Woohyun - 1243 WTh-AM
Shimada, Koji - 1044 WTh-PM
Shimada, Sotaro - **148 MT-PM**, 1569 WTh-AM
Shimizu, Muneshige - 26 MT-PM
Shimono, Masanori - **188 MT-PM**
Shimony, Joshua - 1377 MT-AM
Shin, Hye-ill - **588 WTh-PM**, 676 WTh-AM
Shin, Hyeong Ik - 442 WTh-PM
Shin, Jaemin - 1376 MT-PM, **965 MT-AM**
Shin, Ji Youn - 559 WTh-AM
SHIN, Kyung Soon - **522 MT-PM**
Shin, Nayoung - 1136 WTh-PM
Shin, Sang-Eun - **884 WTh-PM**
Shin, Wanyong - **946 WTh-PM**
Shin, Wooyeol - **279 WTh-AM**, 557 WTh-AM, 671 MT-AM
Shing, Yee Lee - **165 WTh-AM**
Shingai, Yoshitoshi - 680 WTh-PM
Shinkareva, Svetlana - 1005 WTh-AM, **993 MT-AM**
Shinozaki, Tetsuya - 952 WTh-PM
Shintani, Masuro - 996 WTh-PM
Shiomi, Shinichi - 841 MT-AM
Shir, Yoram - 1429 MT-AM
Shiran, Amir - **964 MT-PM**
Shirer, William - **1312 WTh-PM**
Shitara, Hitoshi - **952 WTh-PM**
Shizgal, Peter - 629 MT-AM
Shmuel, Amir - 975 MT-AM, 1227 MT-AM
Shmueli, Karin - **19 MT-AM**, 751 WTh-AM
Shriver, Sargent - 1184 MT-PM
Shtyrov, Yury - **1098 WTh-PM**
Shu, Ni - 1359 MT-AM, **309 WTh-AM**

Shulman, Gordon - 1169 WTh-AM, **92 WTh-PM**, 135 WTh-AM, 1377 MT-AM
Shultz, Sarah - **133 WTh-AM**, 969 WTh-AM
Sibon, Igor - 478 MT-PM, **616 MT-PM**
Siddarth, Prabha - 374 WTh-PM
Siebner, Hartwig - 201 WTh-AM, 506 WTh-PM, 894 MT-PM, 1267 MT-AM, 1034 WTh-PM, 1432 MT-PM, 1519 MT-AM, 1543 WTh-AM, 904 MT-PM
Siedentopf, Christian - 1079 MT-AM, 1080 MT-PM, **326 WTh-PM**, 925 MT-AM
Siegel, Jerome - 638 WTh-PM
Siegel, Linda - 1593 MT-AM
Siegert, Sandy - 20 MT-PM
Sielu ycki, Cezary - 1224 MT-PM
Siero, Jeroen - 840 MT-PM
Sigman, Mariano - 408 WTh-PM
Sigrist, Alain - 1108 MT-PM
Sigvartsen, Nils - 644 MT-PM
Sikkema, Siemen - 1068 WTh-PM
Silani, Giorgia - **707 MT-AM**, 746 MT-PM
Silbert, Lauren - 1085 WTh-AM, 1520 WTh-PM, 947 MT-AM
Silverhuth, Minna - **1038 MT-PM**
Silk, Tim - 440 WTh-PM, **77 WTh-AM**
Silva, Afonso - 751 WTh-AM
Silva, Alexandre - 1353 WTh-AM
Silva, Eduardo - 489 WTh-AM
Silva, Joana - 125 MT-AM
Silva, Rogers - **1098 MT-PM**
Silvanto, Juha - 22 WTh-PM
Silveira, Luiz Carlos - 986 WTh-PM
Silver, Matt - **745 WTh-AM**
Silvestre, Carlos - 1210 MT-PM
Sim, Eun-Jin - 695 WTh-AM, 1148 WTh-PM, **1277 MT-AM**, 519 WTh-AM, 870 MT-PM
Sim, Kang - 1470 WTh-PM, 1471 WTh-AM
Sim, Sam - 166 WTh-PM
Simak, Aleksandr - 1264 WTh-PM
Simanova, Irina - **1063 WTh-AM**
Simione, Luca - **942 MT-PM**
Simioni, Samanta - **141 WTh-AM**
Simmons, Alan - 247 WTh-AM, 348 MT-PM
Simmons, Andy - 1469 WTh-AM, 519 MT-AM, 757 WTh-AM
Simmons, David - 418 WTh-PM
Simmons, W. Kyle - 1314 WTh-PM, 1327 WTh-AM, 1553 WTh-AM
Simon, Gregory - 932 WTh-PM
Simon, Tony - 407 WTh-AM
Simons, Jon - 1168 WTh-PM, 1176 WTh-PM
Simpson, Gregory - 525 MT-AM, 108 MT-PM
Simpson, Ivor - **1085 MT-AM**
Simpson, LeRone - 861 MT-AM, 865 MT-AM
Simpson, Sean - **1316 WTh-PM**, 973 MT-AM
Sinclair, Priscilla - 268 WTh-PM, 293 WTh-AM
Sinfiorani, Elena - 381 WTh-AM
Singer, Elyse - 860 MT-PM, 1488 WTh-PM, 377 WTh-AM, 382 WTh-PM
Singer, Neomi - 65 MT-AM, **661 WTh-AM**
Singer, Tania - 525 WTh-AM, 568 WTh-PM, 570 WTh-PM, 703 MT-AM, 707 MT-AM, 746 MT-PM
Singer, Wolf - 199 MT-AM, 552 MT-PM
Singh, Krish - 1243 MT-AM, 134 MT-PM, 1411 WTh-AM, 916 WTh-PM
Singh, Nalin - 155 WTh-AM
Singh, Nandini - **1540 MT-PM**, 1516 MT-PM
Singh, Salil - 1356 MT-PM
Singhal, Anthony - 1311 MT-AM
Sinha, Rajita - 1448 WTh-PM, 250 WTh-PM
Siniatchkin, Michael - **478 WTh-PM**, 482 WTh-PM, 1125 MT-AM, 1261 WTh-AM
Sinibaldi, Lorenzo - 586 MT-PM, 960 MT-PM
Sinsongsud, Piti - 992 WTh-PM

Siow, Bernard - 860 WTh-PM
 Sip, Kamila - **528 WTh-PM**
 Sitaram, Ranganatha - 586 WTh-PM
 Sitaram, Ranganatha - 1294 MT-PM, 1580 MT-PM, **171 MT-AM**, 521 WTh-AM, 933 WTh-AM, 850 WTh-PM, 856 MT-PM
 Sitges, Carolina - 1126 MT-PM, 783 WTh-AM
 Sitte, Harald - 737 WTh-AM
 Sivonen, Päivi - 462 WTh-PM
 Sjoerds, Zsuzsika - **258 WTh-PM**
 Ska, Bernadette - 199 WTh-AM
 Skelly, Laurie - **693 WTh-AM**
 Skene, Pate - 555 WTh-AM
 Skewes, Joshua - 528 WTh-PM
 Skilleter, Ashley - 34 MT-PM
 Skimminge, Arnold - 201 WTh-AM
 Skipper, Jeremy - **1081 WTh-AM**
 Skocic, Jovanka - 1165 WTh-AM, 1178 WTh-PM, 774 WTh-PM
 Skudlarska, Beata - 1014 MT-PM
 Skudlarski, Pawel - **1014 MT-PM**
 Skvortsova, Vasilisa - 157 WTh-AM
 Slaats-Willems, Dorine - 730 WTh-PM
 Slabu, Lavinia - **1514 WTh-PM**, 1532 WTh-PM
 Sladky, Ronald - 1011 MT-AM, 1127 MT-AM, **1227 WTh-AM**
 Slason, Erin - 414 WTh-PM, 539 MT-AM, 1090 WTh-PM
 Slater, Mel - 1406 WTh-PM
 Slavin, Melissa - 304 WTh-PM
 Sled, John - 877 MT-AM
 Slim, Karkar - **1005 MT-AM**
 Slotboom, Johannes - 977 WTh-AM
 Sluming, Vanessa - 1224 WTh-PM, 1437 WTh-AM, 1486 WTh-PM, 1525 WTh-AM
 Slump, Cees - 1383 WTh-AM
 Small, Gary - 374 WTh-PM, 380 WTh-PM, 389 WTh-AM
 Small, Steven - 1048 WTh-PM, 1285 WTh-AM, 237 WTh-AM
 Smeets, Paul - 660 MT-PM
 Smirmakis, Stelios - 1503 MT-AM
 Smith, Andra - 524 MT-PM, 913 MT-AM
 Smith, Andrew - 1479 MT-AM, 1494 MT-PM
 Smith, Anna - 217 WTh-AM, 220 WTh-PM
 Smith, Ashley - 513 WTh-AM, 553 WTh-AM, **530 WTh-PM**
 Smith, Charles - 348 WTh-PM
 Smith, David V. - **555 WTh-AM**, 648 MT-PM
 Smith, Fraser - **1484 MT-PM**, 1496 MT-PM, 1512 MT-PM, 675 WTh-AM
 Smith, J - 86 MT-PM
 Smith, Jason - 1133 MT-AM, 1170 WTh-PM
 Smith, Jessica - **398 MT-PM**
 Smith, Marie - 211 MT-AM, 988 MT-PM, 689 WTh-AM
 Smith, Mary Lou - 959 MT-AM
 Smith, Matthew - 568 MT-PM
 Smith, Michael - 1490 MT-PM
 Smith, Seth - 1354 MT-PM, 1361 WTh-AM
 Smith, Stephen - **1013 MT-AM**, 1015 MT-AM, 1084 MT-PM, 1131 MT-AM, 1140 MT-PM, **1160 MT-PM**, 1193 WTh-AM, 336 WTh-PM, 342 WTh-PM, 702 WTh-PM, 821 WTh-AM, 967 MT-AM
 Smith, Stephen - **671 WTh-AM**
 Smith, Steve - 1091 MT-AM, 1103 MT-AM, 1252 WTh-PM, 872 MT-PM
 Smith, Suzanne - 233 MT-AM
 Smits, Marion - 184 WTh-PM
 Smolka, Michael - 213 WTh-AM, 246 WTh-PM, **249 WTh-AM**, 277 WTh-AM, 514 WTh-PM, 707 WTh-AM
 Snowden, Julie - 1335 MT-AM
 Snozzi, Romana - 707 MT-AM
 Snyder, Abraham - 1047 MT-AM, 1183 MT-AM, 1377 MT-AM, 1396 MT-PM, 92 WTh-PM, 410 WTh-PM
 Snyder, Andrea - **1508 MT-PM**
 Snyder, Sara - 738 MT-PM
 So, Kwok-Fai - 190 MT-PM
 Soares, Jair - 376 MT-PM
 Soares Prado, José Augusto - 1409 WTh-AM
 Soddu, Andrea - 1124 MT-PM, 1538 WTh-PM, 183 MT-AM, 192 MT-PM, 448 WTh-PM, 449 WTh-AM
 Sodhi, Aparna - **455 WTh-AM**
 Soelberg Sørensen, Per - 1267 MT-AM
 Soeter, Roelof P. - 1404 MT-PM, **1498 WTh-PM**
 Sohn, JaeHo - 1392 WTh-PM, **578 MT-PM**
 Sohn, William - **370 WTh-PM**
 Sojka, Bernfried - 631 MT-AM
 Sokhi, Dilraj - 215 MT-AM
 SOKOLOV, Alexander - **54 WTh-PM**
 Sokolov, Arseny - **198 MT-PM**, 749 MT-AM
 Sokunbi, Moses - **183 WTh-AM**
 Solana, Ana Beatriz - 1549 WTh-AM
 Solano-Castiella, Eugenia - **829 MT-AM**
 Soldati, Nicola - **1186 MT-PM**, **1288 WTh-PM**
 SOLE-PADULLES, CRISTINA - **347 WTh-AM**, 846 WTh-PM
 Solé-Padullés, Cristina - 368 WTh-PM
 Solero, Carlo - 1534 MT-PM
 Solesio, Elena - 189 WTh-AM, 349 WTh-AM, **928 MT-PM**
 Soliva, Juan Carlos - 632 MT-PM, 909 MT-AM
 Solo, Victor - **1201 MT-AM**
 Solodkin, Ana - 237 WTh-AM
 Solomon, Jeff - 485 MT-AM
 Solomon, Marjorie - 506 MT-PM
 Solovjeva, Maria - 591 WTh-AM
 Solowij, Nadia - 276 WTh-PM, 299 WTh-AM
 Soltanian-Zadeh, Hamid - 1113 MT-AM
 Soluch, Pawel - 1258 MT-PM
 Soluch, Pawel - **982 WTh-PM**
 Somerville, Leah - **225 WTh-AM**, 766 MT-PM
 Someya, Yoshiaki - 1474 MT-PM, **1585 MT-AM**, 252 MT-PM
 Somji, Imran - 1135 MT-AM
 Sommer, Iris - 492 MT-PM, 504 MT-PM, 537 MT-AM, 549 MT-AM
 Sommer, Jens - 764 WTh-PM
 Sommer, Werner - 1038 WTh-PM, 1556 MT-PM, 1590 MT-PM
 Sommerlund, Bo - 99 MT-AM
 Son, Su Min - **1347 MT-AM**, 604 MT-PM, 808 WTh-PM, 809 WTh-AM
 Song, Aram - **791 WTh-AM**
 Song, Haiqing - 324 WTh-PM
 Song, Jae-Jin - 1529 WTh-AM
 Song, Juyeon - **577 WTh-AM**
 Song, Ming - **321 MT-AM**, 727 WTh-AM
 Song, Sang-gook - 964 WTh-PM
 Song, Xiaowei - 301 MT-AM
 Song, Yang - 1104 MT-PM
 Song, Zheng - **1284 MT-PM**
 Sonty, Nomita - 1403 MT-AM
 Soon, Chun Siong - **109 WTh-AM**, 1002 MT-PM
 Sorg, Christian - 1178 MT-PM
 Sorger, Bettina - **1410 WTh-PM**, 302 MT-PM, 570 WTh-PM
 Soria, Guadalupe - **1446 WTh-PM**
 Soria, Virginia - 414 MT-PM
 Soria-Pastor, Sara - 763 WTh-AM
 Soriano, Juan José - 607 MT-AM, **614 MT-PM**, 781 WTh-AM
 Soriano-Mas, Carles - 1202 MT-PM, 380 MT-PM, 386 MT-PM, 414 MT-PM, 401 MT-AM, **415 MT-AM**
 Sorrentino, Alberto - 1000 WTh-PM, 1001 WTh-AM
 Sosic-Vasic, Zrinka - **101 MT-AM**
 Soto, David - 113 WTh-AM
 Soto, Juan - **1059 MT-AM**, 1309 MT-AM
 Soto, Julian - 20 WTh-PM
 Soulières, Isabelle - 409 WTh-AM
 Soussignan, Robert - 887 WTh-AM
 Sowell, Elizabeth - 491 WTh-AM, 1343 MT-AM
 Sowman, Paul - 1066 WTh-PM
 Sozinova, Elena - 157 WTh-AM
 Spachmann, André - 650 WTh-PM
 Spackman, Lynne - **1575 WTh-AM**
 Spalletta, Gianfranco - 697 WTh-AM, 943 MT-AM
 Spanlang, Bernhard - 1406 WTh-PM
 Spapé, Michiel - 1297 MT-AM
 Sparing, Roland - 591 MT-AM
 Specht, Karsten - 1035 WTh-AM, **1064 WTh-PM**, 1430 WTh-PM, 291 MT-AM
 Speck, Oliver - 1248 WTh-PM, 1255 MT-AM, 1319 WTh-AM, 815 WTh-AM, 843 WTh-AM, 951 WTh-AM, 980 WTh-PM
 Speechley, William - **566 WTh-PM**
 Spena, Giannantonio - **263 MT-AM**
 Spence, Sarah - 420 WTh-PM
 Spence, Sean - 546 MT-PM, 551 MT-AM, 1263 MT-AM
 Spencer, Janine - 422 WTh-PM
 Sperfeld, Anne - 1324 MT-PM
 Sperling, Reisa - 169 WTh-AM, 384 WTh-PM
 Spezio, Michael - **537 WTh-AM**
 Spica, Vladana - 451 MT-AM
 Spiegler, Andreas - 978 MT-PM
 Spierer, Lucas - 264 MT-PM
 Spileers, Werner - 1499 MT-AM
 Spindelegger, Christoph - 1373 WTh-AM
 Spinelli, Donatella - 1303 MT-AM
 Spinelli, Laurent - 317 MT-AM
 Spinelli, Simona - 1048 MT-PM, **492 WTh-PM**
 Spinhoven, Philip - 594 WTh-PM
 Spitzer, Manfred - 1148 WTh-PM, 37 MT-AM
 Spoletini, Ilaria - 697 WTh-AM
 Sponheim, Scott - 561 MT-AM
 Spoomaker, Victor - **582 WTh-PM**
 Sporns, Olaf - 1185 MT-AM, 1190 MT-PM, 985 MT-AM
 Spradling, Jansyn - **392 WTh-PM**
 Spreckelmeyer, Katja - 667 MT-AM
 Spreckelmeyer, Katja - **675 MT-AM**
 Spreng, R. Nathan - 1135 MT-AM, 1180 WTh-PM
 Sprenger, Christian - 1408 MT-PM
 Springer, Luise - 1084 WTh-PM
 Sprooten, Emma - **420 MT-PM**
 Sprung, Christian - 486 MT-PM
 Spuentrup, Elmar - 1123 WTh-AM
 Squarcia, Sandro - 346 WTh-PM
 Squarcina, Letizia - **845 WTh-AM**
 Squarconi, Paula - 1381 MT-AM
 Sreenivasan, Kartik - 956 MT-PM
 Srikanth, Velandai - 1473 WTh-AM, 172 WTh-PM
 Srinivasan, Priti - **1048 MT-PM**, 1315 MT-AM, 492 WTh-PM, 870 WTh-PM
 Srinivasan, Ramesh - 895 MT-AM
 Sripada, Chandra - 437 MT-AM
 Sritharan, Anusha - 459 MT-AM
 Sritharan, Sharmili - **552 MT-PM**
 Srivastava, Vibhuti - 301 WTh-AM
 St-Laurent, Marie - **1179 WTh-AM**
 Stadler, Jörg - 1319 WTh-AM, 1397 WTh-AM, 643 WTh-AM, 814 WTh-PM, 815 WTh-AM
 Stadler, Waltraud - 1287 MT-AM
 Staedtgen, Mario - 159 WTh-AM
 Staeren, Noel - **1533 WTh-AM**
 Staff, Roger - 183 WTh-AM, 185 WTh-AM, 363 WTh-AM, **364 WTh-PM**, 760 WTh-PM
 Staffen, Wolfgang - 1079 MT-AM, 1080 MT-PM
 Stagg, Charlotte - 1270 MT-PM
 Stahl, Christoph - 229 WTh-AM, 73 MT-AM, 74 MT-PM
 Stains, Jean - 614 WTh-PM, 673 WTh-AM
 Stam, Cornelis - 300 MT-PM, 923 MT-AM, 995 WTh-AM, 492 MT-PM, 395 MT-AM
 Stamatakis, Emmanuel - 1045 WTh-AM, 1137 WTh-AM, **1175 MT-AM**, 263 WTh-AM, 264 WTh-PM, 450 WTh-PM, 730 MT-PM

- Stancak, Andrej - **1401 MT-AM**, 1437 WTh-AM, 1525 WTh-AM
- Stanfield, Andrew - 400 WTh-PM
- Stanley, Jeffrey - **500 WTh-PM**
- Stanwell, Peter - 1392 MT-PM
- Starchenko, Maria - **249 MT-AM**
- Starck, Tuomo - **12 MT-PM**, 982 MT-PM
- Staresina, Bernhard - **1155 WTh-AM**
- Stark, Rudolf - 127 MT-AM, 1310 MT-PM, 1409 MT-AM, 571 WTh-AM, 572 WTh-PM, 583 WTh-AM, 663 WTh-AM, 940 MT-PM
- Stark, Rudolf - 1288 MT-PM, 1289 MT-AM
- Starke, Marc - **424 WTh-PM**
- Starr, John - 185 WTh-AM
- Staub, Christian - 84 MT-PM
- Staudigl, Tobias - **1172 WTh-PM**
- Staudinger, Markus - **687 MT-AM**
- Stecker, G. Christopher - 1535 WTh-AM
- Steele, Christopher - **1269 MT-AM**, 1295 MT-AM
- Steele, Douglas - 1423 WTh-AM
- Stefanatos, Gerry - 1536 MT-PM
- Stefanovic, Bojana - 1384 MT-PM, 877 MT-AM
- Steffens, Michael - 709 WTh-AM
- Steffensen, Elena - 1386 WTh-PM
- Steffert, Tony - **910 WTh-PM**
- Stein, Dan - 1388 MT-PM, 61 MT-AM
- Stein, Elliot - 255 WTh-AM, 256 MT-PM, 287 WTh-AM, 634 MT-PM, 679 MT-AM, 292 WTh-PM, 283 WTh-AM, 301 WTh-AM, 662 WTh-PM, 866 MT-PM, 560 WTh-PM, 561 WTh-AM
- Stein, Jason - 703 WTh-AM, **726 WTh-PM**, 319 WTh-AM, 1372 MT-PM, 743 WTh-AM, 747 WTh-AM, 72 MT-PM
- Stein, Mark - 467 WTh-AM
- Stein, Niklas - **1408 MT-PM**
- Stein, Patrycja - **425 MT-AM**
- Stein, Timo - 209 MT-AM
- Steinbeis, Nikolaus - **525 WTh-AM**
- Steinberg, Joel - 456 WTh-PM
- Steinberg, Wendy - 1536 MT-PM
- Steinbrink, Claudia - 1575 MT-AM
- Steinbrink, Jens - 1407 WTh-AM, 1446 MT-PM, 846 MT-PM
- Steindl, Barbara - 195 WTh-AM
- Steiner, Johann - 1397 WTh-AM, 400 MT-PM, 427 MT-AM, 605 WTh-AM, 643 WTh-AM, 810 WTh-PM
- Steiner, Michael - 1321 MT-AM
- Steinfurth, Elisa - **574 WTh-PM**
- Steinkellner, Thomas - 1079 MT-AM, 1080 MT-PM
- Steinmayr-Gensluckner, Maria - 424 WTh-PM
- Stelzel, Christine - **124 MT-PM**
- Stemme, Anja - **1028 MT-PM**
- Stephan, Brandt - 75 MT-AM
- Stephan, Felber - 306 MT-PM, 925 MT-AM
- Stephan, Klaas - 1204 WTh-PM, 600 MT-PM, 921 WTh-AM, 1032 MT-PM, 1042 MT-PM
- Stephan, Klaas Enno - 1036 MT-PM, 1260 WTh-PM, 885 WTh-AM, 539 WTh-AM
- Stéphane R., Simon - 1088 WTh-PM, 1545 MT-AM
- Stephani, Ulrich - 1261 WTh-AM, 478 WTh-PM
- Stephens, Gregory - **1085 WTh-AM**
- Sternkopf, Melanie - 599 WTh-AM, **936 MT-PM**
- Sterpenich, Virginie - 1141 WTh-AM, 44 MT-PM
- Sterzer, Philipp - **209 MT-AM**, **389 MT-AM**
- Sterzer, Philipp - 644 WTh-PM
- Steutde, Julia - 422 MT-PM
- Steukers, Mieke - 226 MT-PM
- Steven, Williams - 1466 WTh-PM
- Stevens, Allison - 1087 MT-AM, 1088 MT-PM, 875 WTh-AM
- Stevens, Michael - 401 WTh-AM, 439 WTh-AM, 684 MT-PM, 97 MT-AM
- Stevenson, Claire - 1005 WTh-AM, 1454 MT-PM, **796 MT-PM**, 1450 MT-PM
- Stewart, Julia - **1536 MT-PM**
- Stiasny-Kolster, Karin - 452 MT-PM
- Stidd, Reva - 725 WTh-AM
- Stieglitz, Thomas - 894 WTh-PM
- Stiers, Peter - **1044 MT-PM**, 1340 WTh-PM, 974 WTh-PM
- Stigler, Kimberly - **405 WTh-AM**
- Stikov, Nikola - **788 MT-PM**, 793 WTh-AM
- Stiles, Joan - 185 MT-AM
- Stilla, Randall - **1559 WTh-AM**
- Stöcker, Tony - 476 WTh-PM, 634 WTh-PM, 698 WTh-PM, 704 WTh-PM
- Stockman, George - 1114 MT-PM
- Stockman, Michael - **924 WTh-PM**
- Stoekel, Luke - **268 WTh-PM**, 293 WTh-AM, 555 MT-AM
- Stoermer, Robert - 804 MT-PM
- Stoessl, John - 761 WTh-AM
- Stoeter, Peter - 873 WTh-AM, 921 MT-AM
- Stoffels, Gabriele - 472 WTh-PM
- Stoffers, Diederick - 481 MT-AM
- Stojkovic, Tanja - 453 MT-AM
- Stokes, Jared - 188 WTh-PM
- Stokes, Mark - 105 WTh-AM, 120 WTh-PM, 78 WTh-PM, **230 MT-PM**
- Stollberger, Rudolf - 1321 MT-AM, 869 MT-AM
- Stollstorff, Melanie - 1115 MT-AM, **258 MT-PM**, 467 WTh-AM
- Stone, Jodi - 300 WTh-PM
- Stone, Laura - 1429 MT-AM
- Stoppelman, Nadav - **1055 WTh-AM**
- Storti, Silvia - **1117 MT-AM**, 799 MT-AM
- Stout, Julie - 1349 MT-AM, 460 MT-PM, 471 MT-AM, 476 MT-PM
- Stover, Elena - 510 WTh-PM
- Stowe, Laurie - **1040 WTh-PM**
- Stoy, Meline - 1145 WTh-AM, 389 MT-AM, 640 MT-PM
- Strafella, Antonio - 297 WTh-AM, 387 WTh-AM, 19 WTh-AM, 1213 MT-AM
- Strakowski, Stephen - 928 WTh-PM
- Straub, Richard - 733 WTh-AM
- Straube, Thomas - 383 MT-AM, 510 MT-PM, 658 WTh-PM, **404 MT-PM**
- Streifling, Martina - 640 MT-PM
- Strein, Nadine - 890 WTh-PM
- Streitberger, Kaspar-Josche - 486 MT-PM
- Strelnikov, Kuzma - **1023 WTh-AM**
- Stretton, Jason - **953 MT-AM**
- Strickland, Casey - 25 WTh-AM
- Striegel, Deborah - 1300 WTh-PM
- Strijkers, Kristof - **1523 MT-AM**
- Strobel, Alex - 8 MT-PM
- Stroe, Georgetta - 1331 MT-AM
- Ströhle, Andreas - 1145 WTh-AM, 56 MT-PM, 639 MT-AM, 640 MT-PM
- Stroth, Sanna - **17 WTh-AM**, 634 WTh-PM, **64 MT-PM**
- Strother, Stephen - 1135 MT-AM, 241 WTh-AM, 761 WTh-AM, 1118 MT-PM, 1337 WTh-AM, 1345 WTh-AM, 1113 MT-AM
- Strotmann, Barbara - **786 WTh-PM**
- Strube, Michael - 1377 MT-AM
- Strunk, Ricarda - 591 MT-AM
- Struthers, Helena - 497 WTh-AM
- Strude, Maren - 1090 MT-PM, 962 WTh-PM
- Stuholme, Colin - 1220 MT-PM, 1221 MT-AM, 1359 WTh-AM, 790 WTh-PM
- Stueber, Carsten - **855 MT-AM**
- Stufflebeam, Steven - 1363 MT-AM, 334 MT-PM
- Stuhmann, Anja - 167 WTh-AM
- Stumvoll, Michael - 1328 MT-PM, 245 WTh-AM
- Sturm, Anna - 582 WTh-PM
- Sturm, Volker - 463 MT-AM
- Sturm, Walter - 61 WTh-AM, 91 WTh-AM
- Sturzenegger, Matthias - 613 MT-AM
- Stuss, Donald - 33 MT-AM
- Stødkilde-Jørgensen, Hans - 99 MT-AM
- Su, Li - 586 WTh-PM, **803 MT-AM**
- Su, Ton-Ping - 80 MT-PM
- Su, Tung-Ping - 31 WTh-AM, 413 MT-AM
- Subotnik, Kenneth - 1369 MT-AM
- Subramaniam, Karuna - 240 MT-PM, **525 MT-AM**
- Suchowersky, Oksana - 482 MT-PM
- Suckling, John - **1161 MT-AM**, 569 MT-AM
- Suckling, John - 1390 MT-PM
- Suda, Masashi - 370 MT-PM, **398 WTh-PM**
- Sudheer, Lankappa - 546 MT-PM
- Sudheimer, Keith - 385 MT-AM
- Südmeyer, Martin - 329 WTh-AM, 469 MT-AM
- Suezen, Mehmet - 836 MT-PM
- Sugawara, Jun - 163 WTh-AM
- Sugimoto, Naoto - 777 WTh-AM
- Sugiura, Motoaki - 200 WTh-PM, 630 MT-PM, 702 MT-PM, 714 MT-PM, 1103 WTh-AM, **734 MT-PM**
- Sugiura, Toshihiko - 852 MT-PM, 863 MT-AM
- Sugiyama, Kenji - 462 MT-PM
- Sujazow, Olivia - **1492 WTh-PM**
- Sul, Sun Hae - **729 MT-AM**
- Sullivan, Caroline - 169 WTh-AM
- Sullivan, John - 120 MT-PM
- Sulpizio, Valentina - **277 MT-AM**
- Summerfield, Christopher - **542 WTh-PM**, 556 WTh-PM
- Sumner, Petroc - 101 WTh-AM
- Sun, Binjian - **1170 MT-PM**, 1336 MT-PM
- Sun, Daqiang - 385 WTh-AM
- Sun, Pei - 1093 WTh-AM
- Sun, Wenqi - 327 WTh-AM
- Sun, Yanping - 1315 WTh-AM
- Sunaert, Stefan - 1319 MT-AM, 1340 WTh-PM, 437 WTh-AM, 83 WTh-AM, 974 WTh-PM
- Sundermann, Benedikt - 1505 MT-AM
- Sundet, Kjetil - 565 MT-AM
- Sundström Poromaa, Inger - 443 MT-AM
- Sung, Yulwan - **1474 MT-PM**, 1585 MT-AM, 197 MT-AM
- Suo, Chao - 155 WTh-AM
- Supek, Selma - 1009 WTh-AM
- Supekar, Kaustubh - 1105 MT-AM, **228 WTh-PM**, 397 WTh-AM
- Supèr, Hans - 195 MT-AM
- Susac, Ana - 1009 WTh-AM
- Susanne, jaeggi - 944 MT-PM
- Suslow, Thomas - 628 WTh-PM
- Sussmann, Jessica - 420 MT-PM
- sutani, kouichi - **1053 WTh-AM**
- Suthana, Nanthia - **1387 WTh-AM**, 374 WTh-PM
- Sutherland, Mary Elizabeth - **1539 WTh-AM**
- Sutherland, Matthew - **255 WTh-AM**
- Sutton, Bradley - 1245 WTh-AM, 149 WTh-AM
- Suyenobu, Brandall - 233 MT-AM, 614 WTh-PM, 673 WTh-AM
- Suzuki, Atsunobu - 151 WTh-AM
- Suzuki, Chisato - 1093 WTh-AM
- Suzuki, Nao - 334 MT-PM
- Suzuki, Norihiro - 670 MT-PM
- Svarer, Claus - 1072 MT-PM
- Svensson, Peter - 1437 MT-AM
- Swain, James - 437 MT-AM
- Swann, Nicole - 109 MT-AM
- Swart, Marte - 589 WTh-AM
- Swedo, Susan - 420 WTh-PM
- Sweeney, John - 421 WTh-AM, 583 MT-AM
- Swinnen, Stephan - 1239 MT-AM, 1241 MT-AM, 1245 MT-AM, 1319 MT-AM, 1434 WTh-PM, 173 WTh-AM, 437 WTh-AM
- Sylvain, Faisan - 1005 MT-AM
- Sylviane, Valdois - 1548 MT-PM
- Symms, Mark - 296 MT-PM, 329 MT-AM, 341 MT-AM, 347 MT-AM, 953 MT-AM
- Szabó, C. - 316 MT-PM, 34 WTh-PM

Szafarski, Jerzy - **1020 WTh-PM**, 1022 WTh-PM, 1061 WTh-AM, 1069 WTh-AM, 611 MT-AM
Szalkowski, Anna - 479 WTh-AM
Szameitat, Diana - 618 WTh-PM, 633 WTh-AM
Szatkowska, Iwona - **116 MT-PM**, 1258 MT-PM, 982 WTh-PM
Szeszkowski, Wojciech - 982 WTh-PM
Sziklas, Viviane - 1135 WTh-AM
Szkudlarek, Christine - 1188 MT-PM, 486 MT-PM
Szymanski, Caroline - 7 WTh-AM
Szymko-Bennett, Yvonne - 1170 WTh-PM

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Ta, Anh Tuan - **179 WTh-AM**
Taake, Isabel - **908 WTh-PM**, 909 WTh-AM
Tabarés-Seisdedos, Rafael - 1433 WTh-AM, 516 MT-PM
Tabatabaei, Hosein - 289 WTh-AM
Tabbert, Katharina - 571 WTh-AM
Tabelow, Karsten - **1206 WTh-PM**, **802 WTh-PM**
Tabibnia, Golnaz - 692 MT-PM
Tabrizi, Sarah - 1349 MT-AM, 479 MT-AM
Tabuchi, Hajime - 670 MT-PM
Tacchino, Andrea - 1247 MT-AM
Tachibana, Kazushige - 821 MT-AM
Tackowski, Pawel - **717 MT-AM**
Tae, Woo Suk - 1512 WTh-PM, 365 MT-AM, 1166 MT-PM
Taei-Tehrani, Mohammad Reza - **880 MT-PM**
Tafula, Sérgio - 1338 WTh-PM
Taga, Gentaro - 1022 MT-PM
Tak, Sungho - **330 WTh-PM**
Tak, Vinay - 861 MT-AM, 865 MT-AM
Takagi, Michael - 276 WTh-PM, 299 WTh-AM
Takagishi, Kenji - 952 WTh-PM
Takahashi, Hidehiko - 680 WTh-PM
Takahashi, Hideyuki - **715 MT-AM**
Takahashi, Kanji - 516 WTh-PM
Takahashi, Kazushi - 670 MT-PM
Takahashi, Kei - 1103 WTh-AM, 596 WTh-PM
Takahashi, Makoto - 1415 WTh-AM, 83 MT-AM, **939 MT-AM**
Takahashi, Yui - **409 MT-AM**, 540 MT-PM
Takahata, Keisuke - 996 WTh-PM
Takane, Yoshio - 1136 MT-PM
Takano, Kouji - 141 MT-AM
Takao, Hidemasa - 1325 MT-AM, 1351 MT-AM
Takashi, Omori - 715 MT-AM
Takashi, Tarumi - 163 WTh-AM
Takashima, Atsuko - 1174 WTh-PM
Takebayashi, Shigenori - 1030 WTh-PM
Takefumi, Ueno - **1254 MT-PM**
Takei, Yuichi - **370 MT-PM**, 398 WTh-PM
Takemoto, Atsushi - 1387 MT-AM
Takerkart, Sylvain - 1405 WTh-AM
Takeuchi, Hikaru - 1421 WTh-AM, 1426 WTh-PM, 180 MT-PM, 200 WTh-PM, 261 MT-AM, **899 MT-AM**
Taki, Yasuyuki - **1421 WTh-AM**, 1426 WTh-PM, 1454 WTh-PM, 180 MT-PM, 200 WTh-PM, 261 MT-AM, 899 MT-AM, 1452 WTh-PM
Talavage, Thomas - 1026 WTh-PM, 1284 WTh-PM, 1299 WTh-AM, 1320 WTh-PM, 1504 MT-PM, 1508 MT-PM, 1527 WTh-AM, 232 WTh-PM, 266 WTh-PM, **457 WTh-AM**, 944 WTh-PM, 975 WTh-AM
Talbot, Kevin - 1276 MT-PM
Talbot, Thomas - 1553 WTh-AM
Talelli, Penelope - 1300 MT-PM
Tallon-Baudry, Catherine - 157 MT-AM, 57 WTh-AM
Tam, Fred - 1286 MT-PM
Tam, Fred - **287 MT-AM**, 618 MT-PM
Tamashiro-Duran, Jacqueline - 1381 MT-AM
Tamburo, Robert - **881 MT-AM**, **882 MT-PM**
Tamer Jr., Gregory - **1320 WTh-PM**, 1527 WTh-AM
Tamura, Benita - 1331 MT-AM
Tan, Geoffrey - **699 WTh-AM**
Tan, Hao Yang - **557 MT-AM**, 934 MT-PM
Tan, Rebecca - 81 MT-AM
Tanaka, Hirofumi - 163 WTh-AM
Tanaka, Keiji - 526 WTh-PM
Tanaka, Masako - **1587 MT-AM**
Tanaka, Naoaki - 334 MT-PM
Tanaka, Naoki - 832 MT-PM
Tanaka, Satoshi - 1100 WTh-PM
Tanaka, Tokutaro - 462 MT-PM
Tanaka, Yusuke - 579 MT-AM
Tanase, Costin - **493 MT-AM**
Tancredi, Felipe - 1384 MT-PM
Tandon, Nitin - 109 MT-AM, 1544 MT-PM, 924 MT-PM
Tang, Cheuk - 570 MT-PM
Tang, Deborah - **248 WTh-PM**
Tang, He-Han - 1261 MT-AM
Tang, Hsiang Yang - 81 MT-AM
Tang, I-Ning - 144 WTh-PM
Tang, Yi - 324 WTh-PM
Tang-Wai, David - 310 WTh-PM
Tangaro, Sabina - 1375 WTh-AM
Tanizaki, Yasuo - 447 MT-AM
Tankersley, Dharol - **587 WTh-AM**
Tanskanen, Paivikki - 1390 MT-PM
Tapert, Susan - 348 MT-PM
Tarantino, Vincenza - **293 MT-AM**
Tardif, Twila - 1546 MT-PM
tarraga, lluis - 149 MT-AM
Tartaro, Armando - 1052 MT-PM, 335 MT-AM, 697 MT-AM, 965 WTh-AM, 970 WTh-PM
Taskin, Birol - 1446 MT-PM, **1462 MT-PM**
Tassopoulos, Maria - 175 WTh-AM
Tassy, Sebastien - **21 WTh-AM**
Tatagiba, Marcos - 198 MT-PM
Tate, David - **1488 WTh-PM**, 377 WTh-AM, **382 WTh-PM**
Tateno, Amane - 680 WTh-PM
Tatlismak, Turgut - 609 MT-AM
Tatu, Laurent - 1173 WTh-AM, 1544 WTh-PM, 1545 WTh-AM
Taubert, Marco - **910 MT-PM**
Taurisano, Paolo - **586 MT-PM**, 955 MT-AM, 960 MT-PM
Tavano, Alessandro - **56 WTh-PM**
Tavor, Ido - **1485 MT-AM**, 907 MT-AM, **911 MT-AM**
Taylor, Eric - 470 WTh-PM
Taylor, Heather - **519 MT-AM**, 564 MT-PM
Taylor, Jane - 518 MT-PM
Taylor, John-Paul - **331 WTh-AM**
Taylor, Jonathan - 1267 WTh-AM
Taylor, Kirsten - 213 MT-AM
Taylor, Margot - 1126 WTh-PM, 222 WTh-PM, 241 WTh-AM, 959 MT-AM
Taylor, Matthew - 349 MT-AM
Taylor, Michael - 1488 WTh-PM, 377 WTh-AM, 382 WTh-PM, 860 MT-PM
Taylor, Stephan - 385 MT-AM
Taylor Tavares, Joana - 450 WTh-PM
Teague, Ella - 571 MT-AM
Teale, Peter - 414 WTh-PM, 539 MT-AM
Tebartz van Elst, Ludger - 479 WTh-AM, 504 WTh-PM, 74 MT-PM, 802 MT-PM
Tecchio, Franca - 1347 WTh-AM, 237 MT-AM, 238 MT-PM, 617 MT-AM
Tech, Reyko - 1067 MT-AM
Tegnér, Jesper - 961 MT-AM
Teipel, Stefan - 316 WTh-PM, 343 WTh-AM
Telesford, Qawi - 174 WTh-PM, **973 MT-AM**
Teale, Eva - **753 MT-AM**
Tempelmann, Claus - 605 WTh-AM
Templeton, Lauren - 685 MT-AM
Tendolkar, Indira - 1167 WTh-AM, 1509 WTh-AM, **710 WTh-PM**, 721 WTh-AM, 976 WTh-PM
Tenenhaus, Arthur - 740 WTh-PM

Tenison, Caitlin - 257 MT-AM
Tenney, Jeffrey - **310 MT-PM**
Tenorio, Violeta - **1344 WTh-PM**
Teodorczuk, Andrew - 323 WTh-AM
Teper, Emma - 323 WTh-AM
Tepest, Ralf - **399 WTh-AM**
ter Horst, Gert - 1506 WTh-PM
ter Horst, Lena - 628 WTh-PM
Terada, Kei - **852 MT-PM**, 863 MT-AM
Terasaki, Omi - **1385 MT-AM**
Terasawa, Yuri - **632 WTh-PM**
Tersol, Glòria - 347 WTh-AM
Tervonen, Osmo - 12 MT-PM, 982 MT-PM
Terwilliger, Robert - 421 WTh-AM
Tesan, Graciela - 1571 MT-AM
Tesconi, Mario - 1262 MT-PM
Teshiba, Terri - **39 WTh-AM**
Tessieras, Jérôme - 1268 WTh-PM
Tettamanti, Marco - 179 MT-AM
Teveverovskiy, Leonid - **318 WTh-PM**
Thada, Shantalaxmi - 485 MT-AM
Thai, Ngoc Jade - 237 MT-AM
Thaker, Gunvant - 301 WTh-AM
Thangavel, Arul - 525 MT-AM
Thaweerattanasin, Theeradej - 1304 MT-PM
Théoret, Hugo - 36 WTh-PM
Thesen, Thomas - 100 MT-PM, 1534 WTh-PM, 1591 MT-AM, **311 MT-AM**, 947 MT-AM
Theysohn, Jens - 976 WTh-PM
Theysohn, Nina - **976 WTh-PM**
Thiebaut de Schotten, Michel - **1466 WTh-PM**, 1469 WTh-AM, 1496 WTh-PM
Thiel, Alexander - 1 MT-AM, 1484 WTh-PM
Thiel, Christiane - 52 MT-PM, 528 MT-PM, 897 MT-AM
Thiele, Elizabeth - 334 MT-PM
Thiele, Holger - 709 WTh-AM
Thielscher, Axel - 1259 MT-AM, 10 MT-PM, 8 WTh-PM, 894 MT-PM
Thielscher, Axel - 145 MT-AM
Thiemann, Ulf - 1265 MT-AM
Thierry, Guillaume - 1554 MT-PM
Thimm, Markus - 523 MT-AM, **698 WTh-PM**, 738 WTh-PM, 745 MT-AM
Thinnes-Elker, Franziska - **1301 MT-AM**
Thiran, Jean-Philippe - 1366 MT-PM, 1493 WTh-AM, 503 WTh-AM, 797 WTh-AM, 862 WTh-PM, 1320 MT-PM, 1422 WTh-PM
Thirion, Bertrand - 1090 MT-PM, 1208 MT-PM, 1259 WTh-AM, 1271 WTh-AM, 740 WTh-PM, 788 WTh-PM, 847 WTh-AM
Thoma, Robert - 483 MT-AM
Thomas, Amy - 14 WTh-PM
Thomas, Anna - 1547 WTh-AM, 665 MT-AM
Thomas, Aurélien - 84 MT-PM
Thomas, Christine - 315 WTh-AM
Thomas, Christine - 927 MT-AM
Thomas, David - 1355 MT-AM
Thomas, Julie - **668 MT-PM**
Thomas, Kathleen - 1424 WTh-PM, 226 WTh-PM, 236 WTh-PM, 238 WTh-PM, 678 MT-PM, 678 WTh-PM, 680 MT-PM
Thomas, Meindl - **316 WTh-PM**
Thomas, Natasha - 1494 WTh-PM
Thomason, Moriah - **209 WTh-AM**, **696 WTh-PM**, 743 WTh-AM
Thomasson, David - **931 WTh-AM**
Thomaz, Carlos - 716 MT-PM
Thompson, Cynthia - 1024 WTh-PM, 1521 MT-AM, 361 WTh-AM, 1094 MT-PM
Thompson, James - 170 MT-PM, 236 MT-PM
Thompson, Pamela - 296 MT-PM, 329 MT-AM, 341 MT-AM, 953 MT-AM, 347 MT-AM

Thompson, Paul - 1363 MT-AM, 1460 WTh-PM, 305 WTh-AM, 318 WTh-PM, 325 WTh-AM, 356 WTh-PM, 441 WTh-AM, 497 MT-AM, 498 MT-PM, 703 WTh-AM, 708 MT-PM, 716 WTh-PM, 72 MT-PM, 726 WTh-PM, 824 WTh-PM, 825 WTh-AM, 1378 WTh-PM, 209 WTh-AM, 319 WTh-AM, 776 WTh-PM, 840 WTh-PM, 1072 MT-PM, 1104 MT-PM, 1149 MT-AM, 1313 WTh-AM, 1341 WTh-AM, 1342 WTh-PM, 354 WTh-PM, 355 WTh-AM, 360 WTh-PM, 385 WTh-AM, 573 MT-AM, 744 WTh-PM, 746 WTh-PM, 796 WTh-PM, 798 WTh-PM, 865 WTh-AM, 866 WTh-PM, 867 WTh-AM, 871 WTh-AM, 1372 MT-PM, 729 WTh-AM, 743 WTh-AM, 747 WTh-AM

Thompson, Russell - 741 MT-AM

Thompson, Todd - 1163 MT-AM, 293 WTh-AM, 268 WTh-PM

Thompson, Wesley - **1000 MT-PM, 1001 MT-AM, 1207 MT-AM**

Thomson, Alex - 1228 WTh-PM, 1431 WTh-AM

Thomson, Meredith - 1467 WTh-AM

Thomson, Pippa - 715 WTh-AM

Thonnard, Marie - 449 WTh-AM

Thoraval, Laurent - 1005 MT-AM

Thornton, Rachel - **963 WTh-AM**, 1240 WTh-PM

Thurin, Kristina - 820 MT-PM

Thurm, Audrey - 420 WTh-PM

Thut, Gregor - **104 WTh-PM**, 1554 WTh-PM

Thyreau, Benjamin - **1090 MT-PM**, 1218 MT-PM, 1443 WTh-AM, 740 WTh-AM, 962 WTh-PM, 1271 WTh-AM

Tian, Jie - 185 MT-AM, 990 WTh-PM, 11 MT-AM

Tian, Wei - 344 WTh-PM

Tie, Yanmei - **1184 MT-PM**

Tiemann, Laura - 1290 WTh-PM, **1421 MT-AM**, 1427 MT-AM

Tiihonen, Jari - 708 MT-PM

Tiittinen, Hannu - 1513 WTh-AM

Tijms, Betty - **799 WTh-AM**

Tijssen, Rob - **966 WTh-PM**

Tikka, Pia - 1493 MT-AM, 97 WTh-AM

Tillisch, Kirsten - **673 WTh-AM**, 430 MT-PM, 614 WTh-PM

Timmer, Jens - 1336 WTh-PM

Timmermann, Lars - 463 MT-AM

Timonen, Markku - 12 MT-PM

Tinguely, Gilberte - 44 MT-PM

Tinsley, Ruth - 485 MT-AM

Tipper, Christine - 1166 WTh-PM

Tisdall, M. Dylan - 1163 MT-AM, 941 WTh-AM

Tison, François - 478 MT-PM

Tittgemeyer, Marc - 118 MT-PM, 1260 WTh-PM, 1371 MT-AM, 1492 WTh-PM, 252 WTh-PM, 598 MT-PM, 91 MT-AM

Tobeña, Adolf - 533 MT-AM, 909 MT-AM

Tobita, Mari - 14 WTh-PM, 837 MT-AM

Tochon-Danguy, Henri - 1124 WTh-PM

Todd, Rebecca - 241 WTh-AM

Todd, Richard - 432 MT-PM

Todorov, Alexandre - 410 WTh-PM, 432 MT-PM

Toepel, Ulrike - 918 MT-PM

Toepper, Max - **927 MT-AM**

Toffolo, Gianna - 1117 MT-AM, 799 MT-AM

Toga, Arthur - 1110 MT-PM, 1460 WTh-PM, 27 MT-AM, 319 WTh-AM, 335 WTh-AM, 497 MT-AM, 716 WTh-PM, 776 WTh-PM, 794 MT-PM, 796 WTh-PM, 825 WTh-AM, 1072 MT-PM, 1104 MT-PM, 1149 MT-AM, 1313 WTh-AM, 1363 MT-AM, 1369 MT-AM, 1372 MT-PM, 1379 WTh-AM, 305 WTh-AM, 354 WTh-PM, 355 WTh-AM, 356 WTh-PM, 360 WTh-PM, 385 WTh-AM, 582 MT-PM, 703 WTh-AM, 726 WTh-PM, 743 WTh-AM, 744 WTh-PM, 747 WTh-AM, 840 WTh-PM, 865 WTh-AM, 866 WTh-PM, 867 WTh-AM, 871 WTh-AM

Tognetti, Alessandro - 1262 MT-PM

Tohka, Jussi - 1187 MT-AM, 1435 WTh-AM

Toivonen, Riitta - 635 WTh-AM

Tokoglu, Fuyuze - **1029 MT-AM**, 1311 WTh-AM, 1370 WTh-AM, 342 MT-PM, 344 MT-PM, 98 MT-PM

Toledano, Adolfo - 1549 WTh-AM

Tolkunov, Denis - 668 WTh-PM

Tolosa, Eduardo - 448 MT-PM, 6 MT-PM

Tomanek, Boguslaw - 972 WTh-PM

Tomas Fernandez, Xavier - **1360 WTh-PM**

Tomasevic, Leo - 1347 WTh-AM

Tomassini, Valentina - **1133 WTh-AM**, 1377 WTh-AM

Tomcik, Jan - 305 MT-AM

Tomic, Alexandra - 453 MT-AM

Tommerdahl, Mark - 41 WTh-AM

Tonevitsky, Alexander - 128 WTh-PM

Tong, Kaiyu - 597 MT-AM

Tong, Yunjie - 785 MT-AM, **857 MT-AM**

Toni, Cunillera - 117 MT-AM

Toni, Ilva - 1260 MT-PM

Tononi, Giulio - 146 MT-PM, 147 MT-AM, 3 WTh-AM

Tootell, Roger - 842 WTh-PM

Toraci, Cristian - 261 WTh-AM

Toran, Pere - 614 MT-PM, 781 WTh-AM

Tordesillas-Gutierrez, Diana - **1433 WTh-AM**, 516 MT-PM

Torizuka, Tatsuo - 447 MT-AM

Tormos, Jose - 26 WTh-PM

Tormos, Jose Maria - 16 WTh-PM, 828 WTh-PM

Torrubia, Rafael - 372 MT-PM

Torta, Diana - **63 MT-AM**

Torta, Riccardo - 888 MT-PM

Tost, Heike - 1250 WTh-PM, **1401 WTh-AM**, 820 MT-PM, 852 WTh-PM

Tosun, Duygu - **1137 MT-AM, 1296 WTh-PM**, 318 MT-PM, 319 MT-AM

Totman, John - 505 WTh-AM

Totterdell, Peter - 606 WTh-PM

Touloupoulou, Timothea - 1442 WTh-PM, 500 MT-PM

Tournier, Grégory - 847 WTh-AM

Tournier, Isabelle - 833 MT-AM

Tovar-Moll, Fernanda - 1367 WTh-AM, 716 MT-PM

Towell, Anthony - 1575 WTh-AM

Toygar, Timur Khan - **394 MT-PM**

Toyoda, Hiroshi - **1366 WTh-PM**

Toyomaki, Atsuhito - **540 MT-PM**, 646 WTh-PM

Toyomura, Akira - 1044 WTh-PM

Tracey, Irene - 1153 MT-AM, 1402 WTh-PM, 1414 MT-PM

Trachel, Romain - **1405 WTh-AM**

Trachtenberg, Aaron - **371 WTh-AM**

Traficante, Debora - 182 WTh-PM

Trampel, Robert - 1387 WTh-AM, **1469 MT-AM**, 773 WTh-AM, 786 WTh-PM, 912 WTh-PM

Tranel, Daniel - 1433 MT-AM, 429 MT-AM

Trattnig, Siegfried - 1081 MT-AM, 956 WTh-PM, 957 WTh-AM

Treadway, Michael - **520 WTh-PM**

Tregellas, Jason R. - 1090 WTh-PM

Trejo, David - 20 WTh-PM

Trembach, Alexander - **1305 MT-AM**

Tremblay, Julie - 441 WTh-AM, **851 MT-AM**, 1104 WTh-PM, 1559 MT-AM, 339 MT-AM

Tremblay, Pascale - **1048 WTh-PM**

Tremblay, Richard - 363 MT-AM

Tremblay, Sara - **36 WTh-PM**

Tremblay, Sébastien - 1380 MT-PM, **441 WTh-AM**

Tremols, Virginia - 909 MT-AM

Trenkler, Johannes - 934 WTh-PM

Treserras, Sebastien - 1189 MT-AM

Trewartha, Kevin - **1528 MT-PM**

Triantafyllou, Christina - **1016 MT-PM**, 1186 MT-PM, **919 MT-AM**

Triggs, Tyler - 999 MT-AM

Trinastic, Jonathan - 1341 MT-AM

Trinka, Eugen - 306 MT-PM

Troiani, Vanessa - **169 MT-AM**

Trojanowski, John - 355 WTh-AM

Trollor, Julian - 304 WTh-PM, 357 WTh-AM, 302 WTh-PM

Trongnetrpunya, Amy - 1534 WTh-PM

Tropres, Irène - 1027 WTh-AM, 1298 MT-PM, 1518 MT-PM

Tropres-Broux, Irene - 1082 MT-PM

Trost, Sarah - **714 WTh-PM**

Trouvé, Alain - 1075 MT-AM

Troyanskaya, Maya - 456 WTh-PM

Trufyn, Jessie - 1490 MT-PM

Trujillo-Barreto, Nelson - 1192 WTh-PM, 1447 MT-AM, 608 WTh-PM, 642 MT-PM

Trumpis, Michael - 784 MT-PM

Truy, Eric - 1526 WTh-PM

Tsai, Arthur - **1294 WTh-PM**, 1173 MT-AM

Tsai, Shin-Yuan - 50 MT-PM

Tsai, Wen-Kai - 810 MT-PM

Tsai, Yuan-hsiung - 947 WTh-AM

Tsang, Jessica - **289 MT-AM**, 290 MT-PM

Tseng, Angela - **678 WTh-PM**

Tseng, Chi-Chuan - 947 WTh-AM

Tseng, Wen-Yih - 811 WTh-AM, 839 WTh-AM

Tseng, Wen-Yih Isaac - 1073 MT-AM, 396 WTh-PM, 526 MT-PM, 553 MT-AM, 948 MT-PM

Tsermentseli, Stella - **422 WTh-PM**

Tsivilis, Dimitris - **1191 WTh-AM**

Tso, Yuen - 1488 WTh-PM, 382 WTh-PM

Tsoi, Daniel - 1228 MT-PM

Tsuchiya, Naotsugu - 152 MT-PM

TSUJII, Takeo - 252 MT-PM

Tsakamoto, Tetsuji - 73 WTh-AM, 87 WTh-AM

Tsukiura, Takashi - 643 MT-AM, 702 MT-PM, 939 MT-AM, 596 WTh-PM, 630 MT-PM

Tsunoda, Atsunobu - 1385 MT-AM

Tsuzuki, Daisuke - 854 MT-PM

Tuan, Hsu-Ping - 31 WTh-AM

TUCHOLKA, Alan - 1194 WTh-PM, 1326 MT-PM, 1368 MT-PM

Tucker, Don - 906 WTh-PM

Tudela, Pio - 533 WTh-AM

Tudela, Raúl - 1446 WTh-PM

Tüddös, Zbyněk - 441 MT-AM

Tuennenheroff, Johannes - **1587 WTh-AM**

Tuescher, Oliver - 410 MT-PM, 479 WTh-AM, 73 MT-AM, **74 MT-PM**

Tuite, Paul - 454 MT-PM

Tuladhar, Anil - 1383 WTh-AM

Tunc-Skarka, Nuran - 1477 WTh-AM, 1533 MT-AM

Tungaraza, Rosalia - 819 MT-AM

Tuomainen, Jyrki - 1576 MT-PM

Tura, Bernardo - 1367 WTh-AM

Turbelin, Marie-Renée - 932 WTh-PM, 203 WTh-AM

Turchi, Janita - 1473 MT-AM

Turetsky, Bruce - 598 WTh-PM, 599 WTh-AM

Turgut, Umut - 435 MT-AM

Turk-Browne, Nicholas B. - 1502 MT-PM

Turkey, Dogus - 984 WTh-PM

Turkeltaub, Peter - 1328 WTh-PM, 14 WTh-PM

Turken, And - **1419 WTh-AM, 590 MT-PM**

Turkheimer, Federico - 783 WTh-AM

Turner, Danielle - 518 MT-PM

Turner, Jessica - 1140 MT-PM, 936 WTh-PM

Turner, Martin - **1276 MT-PM**

Turner, Robert - 1003 MT-AM, 1004 MT-PM, 1020 MT-PM, 1324 WTh-PM, 1362 MT-PM, 1449 WTh-AM, 1462 MT-PM, 1468 WTh-PM, 1469 MT-AM, 512 WTh-PM, 773 WTh-AM, 778 WTh-PM, 786 WTh-PM, 801 WTh-AM, 816 WTh-PM, 829 MT-AM, 844 WTh-PM, 855 MT-AM, 912 WTh-PM, 1387 WTh-AM

Turner, Stephen - 1231 MT-AM

Turovets, Sergei - **906 WTh-PM**

Turret, Jeremy - 1513 MT-AM

Tüscher, Oliver - 504 WTh-PM, 802 MT-PM

Tustison, Nick - 1388 WTh-PM

Tylén, Kristian - 770 MT-PM

Tyler, Lorraine - 1070 WTh-PM, 161 MT-AM, 213 MT-AM, 1075 WTh-AM
Tyler, Mitchell - 1012 MT-PM, 1120 MT-PM, 1229 WTh-AM
Tyndale, Rachel - 248 WTh-PM
Tzeng, Ovid - 1526 MT-PM, 275 MT-AM
Tzieropoulos, Helene - 551 WTh-AM, **581 WTh-AM**
Tziortzi, Andri - 633 MT-AM
Tzourio-Mazoyer, Nathalie - 1168 MT-PM, 126 MT-PM, 932 WTh-PM
Tzovara, Athina - **1275 WTh-AM**

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Ubl, Bettina - **442 MT-PM**
Uchida, Shinya - **1387 MT-AM**, 760 MT-PM
Uchikawa, Yoshinori - 63 WTh-AM
Uchiyama, Shinichiro - 1129 WTh-AM
Uddin, Lucina - 228 WTh-PM, **397 WTh-AM**, 412 WTh-PM
Udompholkul, Parima - 912 MT-PM
Uecker, Angela - 1301 WTh-AM
Ueno, Kenichi - 1093 WTh-AM, 526 WTh-PM, 527 WTh-AM, 60 MT-PM, 705 MT-AM
Ueshima, Yukinori - 724 MT-PM
Uetsuki, Shizuka - 1246 MT-PM, **446 MT-PM**
Ugurbil, Kamil - 1231 WTh-AM, 137 WTh-AM, 18 MT-PM, 338 MT-PM, 939 WTh-AM
Uhlhaas, Peter - 135 MT-AM, 552 MT-PM
UK AIMS Consortium, MRC - 432 WTh-PM
Ulla, Miguel - 22 MT-PM
Ullen, Fredrik - 1113 WTh-AM
Ullsperger, Markus - 1130 MT-PM, 45 MT-AM, 517 WTh-AM, 95 MT-AM, 1143 WTh-AM, 167 MT-AM, 87 MT-AM
Ulmer, John - 1331 MT-AM
Ulmer, Stephan - 1034 WTh-PM, 1519 MT-AM
Ulrich, Rabl - 408 MT-PM
Ulrike, Krämer - 117 MT-AM
Ulshöfer, Dotothea - 707 WTh-AM
Uludag, Kamil - 1519 WTh-AM, 850 WTh-PM, 879 MT-AM
Um, Min-Hee - **274 WTh-PM**
Umarova, Roza - 1058 WTh-PM, **106 WTh-PM**
Umberto, Castiello - 1257 MT-AM
Umeda, Satoshi - 1108 WTh-PM, 632 WTh-PM
Umla-Runge, Katja - **926 MT-PM**
Unger, Marcus - 1330 MT-PM, 452 MT-PM
Ungerleider, Leslie - 842 WTh-PM
Unrath, Alexander - **1322 MT-PM**, 1323 MT-AM, 1324 MT-PM
Unterberger, Iris - 306 MT-PM
Unterrainer, Josef - 229 WTh-AM, 248 MT-PM, 950 MT-PM
Upadhyay, Jaymin - 1375 MT-AM, 980 MT-PM, 1436 MT-PM
Upton, Neil - 147 WTh-AM
Urayama, Shin-ichi - 1395 WTh-AM, 925 WTh-AM, **777 WTh-AM**
Urbanek, Tomas - 529 WTh-AM
Urner, Maren - **1167 WTh-AM**, 1509 WTh-AM, 710 WTh-PM
Urretavizcaya, Mikel - 414 MT-PM
Ursini, Gianluca - 586 MT-PM, 960 MT-PM
Ursu, Stefan - 506 MT-PM
Uzan, Mustafa - 326 MT-PM
Uzelac, Zeljko - 737 WTh-AM

V

Vachon, François - 963 MT-AM
Vaden, Kenneth - 187 WTh-AM
Vahabzadeh-Hagh, Andrew - 33 WTh-AM, **4 WTh-PM**
Vaidya, Chandan - 1115 MT-AM, 258 MT-PM, **467 WTh-AM**
Vaiti, Dieter - 127 MT-AM, 1409 MT-AM, 571 WTh-AM, 572 WTh-PM, 583 WTh-AM, 663 WTh-AM, 940 MT-PM, 1288 MT-PM, 1289 MT-AM, 444 MT-PM

Vajkoczy, Peter - 1188 MT-PM, 486 MT-PM
Vakil, Eli - 1119 WTh-AM
Vakkalanka, Radhakrishna - 733 WTh-AM
Vakorin, Vasily - **1134 MT-PM**
Valabrègue, Romain - 1334 MT-PM
Valdes Hernandez, Pedro - 848 WTh-PM
Valdes-Sosa, Mitchell - 1557 WTh-AM, 608 WTh-PM, 630 WTh-PM, 848 WTh-PM
Valdés-Sosa, Pedro - **1095 MT-AM**, 1450 WTh-PM
Valdés-Urrutia, Lourdes - 1450 WTh-PM
Valencia, Miguel - **1037 MT-AM**
Valente, Giancarlo - 1533 WTh-AM
Valentin, Antonio - 1395 MT-AM
Valenzuela, Michael - **155 WTh-AM**
Valera, Eve - 483 WTh-AM
valero, sergi - 149 MT-AM
Valero-Cabre, Antoni - 172 MT-PM
Valjamae, Aleksander - 910 WTh-PM
Vallada, Homero - 1381 MT-AM
Vallderiola, Francesc - 448 MT-PM
Vallée, Nathalie - 1027 WTh-AM, 1518 MT-PM
Vallejo, Julio - 380 MT-PM, 401 MT-AM
Vallesi, Antonino - **33 MT-AM**
Valls-Sole, Josep - **1423 MT-AM**, 6 MT-PM
Valsasina, Paola - 926 WTh-PM
van 't Ent, Dennis - **475 WTh-AM**
van asselen, marieke - **1115 WTh-AM**, 679 WTh-AM
van Baal, Caroline - 1382 WTh-PM, 732 WTh-PM
Van Baelen, Marc - 1499 MT-AM
van Balkom, Ton - 352 MT-PM
van Beijsterveldt, Toos - 475 WTh-AM
Van Berkum, Jos - 1056 WTh-PM, 1086 WTh-PM
van Buchem, Mark A. - 1404 MT-PM, 1498 WTh-PM, 202 WTh-PM, 208 WTh-PM, 594 WTh-PM, 416 MT-PM, 457 MT-AM, 573 WTh-AM, 258 WTh-PM
van Buuren, Mariët - **532 MT-PM**, 69 MT-AM
van Cappellen van Walsum, Anne-Marie - 1383 WTh-AM
van Dam, Wessel - **1052 WTh-PM**
Van de Craen, Piet - 69 WTh-AM
Van de Cruys, Sander - 226 MT-PM
van de Laar, Thijs - 585 WTh-AM
Van de Moortele, Pierre-Francois - 1231 WTh-AM, 338 MT-PM
van de ven, vincent - 1026 MT-PM, 1216 MT-PM, 1538 MT-PM, **952 MT-PM**
Van De Ville, Dimitri - **1108 MT-PM**, 1266 WTh-PM
van den Berg, Bert - 596 MT-PM
van den Berg, Femke - **1241 MT-AM**
Van den Bergh, Bea - 1340 WTh-PM, 974 WTh-PM
van den Bogaard, Simon - 1349 MT-AM, 1350 MT-PM, **457 MT-AM**
van den Boomen, Carlijn - 1410 WTh-PM, **1487 MT-AM**
van den Bos, Wouter - **210 WTh-PM**, 549 WTh-AM
van den Brink, Danielle - **1056 WTh-PM**, 273 MT-AM
van den Brink, Wim - 257 WTh-AM, 262 WTh-PM, 258 WTh-PM, 259 WTh-AM
van den Heuvel, Martijn - 840 MT-PM
van den Heuvel, Odile - 352 MT-PM, 395 MT-AM
Van Den Heuvel, Sara - 236 WTh-PM
van den Honert, Rebecca - 1181 MT-AM
Van den Noort, Maurits - **69 WTh-AM**
van den Wildenberg, Wery P. M. - 1396 WTh-PM
van der Kouwe, Andre' - 1491 WTh-AM
van der Grond, Jeroen - 1349 MT-AM, 1350 MT-PM, 457 MT-AM
Van der Herst, Jean-Baptiste - 1106 WTh-PM, 259 MT-AM
van der Kouwe, André - 1163 MT-AM, 376 WTh-PM, 941 WTh-AM, 1370 MT-PM, 294 WTh-PM
van der Laan, Nynke - **660 MT-PM**
van der Lugt, Aad - 184 WTh-PM
van der Mark, Sanne - 473 WTh-AM
van der Meer, Elke - 239 MT-AM, 241 MT-AM, 242 MT-PM

van der Meer, Lisette - **509 MT-AM**
van der Merwe, Andre - 9 MT-AM
Van der Molen, Maurits - 748 MT-PM
van der Veen, Jan Willem - 375 MT-AM
van der Veen, Johan - 820 MT-PM
van der Wee, Nic - 416 MT-PM, 573 WTh-AM, 719 WTh-AM, 258 WTh-PM
van der Wel, Robrecht - 1256 MT-PM
van der Werf, Ysbrand - 352 MT-PM, 395 MT-AM, 995 WTh-AM
van der Wildt, Gerjan - 596 MT-PM
van der Zwaag, Wietske - 1443 MT-AM
van Dijk, Pim - 1158 MT-PM
van Dongen, Eelco - **1174 WTh-PM**
van Duijvenvoorde, Anna - **1036 MT-PM**, **253 MT-AM**
van Ede, Freek - **49 WTh-AM**
van Ee, Raymond - 168 MT-PM
Van Essen, David - **1444 WTh-PM**, 1465 WTh-AM
van Gaal, Simon - 1009 MT-AM
van Gelderen, Peter - 751 WTh-AM
Van Gerven, Joop M. A. - 1404 MT-PM, 1405 MT-AM, 1498 WTh-PM
van Gerven, Marcel - 1063 WTh-AM, **1273 WTh-AM**
van Haren, Neeltje - 1382 WTh-PM, 1442 WTh-PM
van Heuven, Vincent - 640 WTh-PM
van Holst, Ruth - **257 WTh-AM**, 259 WTh-AM
van Honk, Jack - 758 MT-PM
van Hoogmoed, Anne - **273 MT-AM**
Van Horn, John - 1343 MT-AM, 1363 MT-AM
van Houdt, Petra - **300 MT-PM**
Van Huffel, Sabine - 1340 WTh-PM, 974 WTh-PM
Van Impe, Annouchka - 173 WTh-AM
van Kesteren, Marlieke - **1151 WTh-AM**
Van Laere, Koen - 226 MT-PM
van Leeuwen, Ceess - 79 WTh-AM, 942 MT-PM
van Leeuwen, Tessa - **1562 WTh-PM**, 1102 WTh-PM
van Lutterveld, Remko - **492 MT-PM**
van Marle, Hein - **1509 WTh-AM**, 976 WTh-PM
Van Meter, John - 427 WTh-AM
van Norden, Anouk - 762 WTh-PM
van Oort, Erik - **968 MT-PM**
Van Osch, Matthias J. P. - 1404 MT-PM, 541 MT-AM, 880 MT-PM
van Oudheusden, Lucas - 762 WTh-PM
Van Overwalle, Frank - 706 MT-PM
van Putten, Michel - 878 WTh-PM, 883 WTh-AM
van Reekum, Carien - 402 MT-PM, **687 WTh-AM**, 688 WTh-PM
Van Rijsbergen, Nicola - **1514 MT-PM**, 211 MT-AM
Van Slyke, James - 537 WTh-AM
van Soelen, Inge - 1365 MT-AM, **732 WTh-PM**
Van Someren, Eus - 995 WTh-AM
van Tol, Marie-José - 258 WTh-PM, 416 MT-PM, 719 WTh-AM, **573 WTh-AM**
van Wassenhove, Virginie - 1588 WTh-PM
van Wezel, Richard - 596 MT-PM
van Wingen, Guido - 1167 WTh-AM, 1509 WTh-AM, 616 WTh-PM, **619 WTh-AM**, 710 WTh-PM
van Wingerden, Martijn - 880 WTh-PM
Van Zaen, Jérôme - **900 WTh-PM**
van Zijl, Peter - 1361 WTh-AM
van Zuijen, Titia - 163 MT-AM
Vancleef, Kathleen - 226 MT-PM
Vandekerckhove, Elisabeth - 1240 MT-PM, 1271 MT-AM
Vandemaele, Pieter - 1240 MT-PM, 1271 MT-AM
Vandenberghe, Rik - 103 WTh-AM, **83 WTh-AM**
Vander Wyk, Brent - 969 WTh-AM
Vanderghinste, Dominique - 226 MT-PM
Vanderperren, Katrien - 1340 WTh-PM, 974 WTh-PM
Vandewalle, Gilles - 1109 WTh-AM, 1585 WTh-AM, 44 MT-PM
Vanello, Nicola - **1262 MT-PM**, 1546 WTh-PM
Vanhatalo, Maija - 635 WTh-AM

Vanhauzenhuysse, Audrey - 143 MT-AM, 1538 WTh-PM, 183 MT-AM, 448 WTh-PM, 449 WTh-AM, 612 MT-PM
VanMeter, John - 858 MT-PM, **978 WTh-PM**
Vannasing, Phetsamone - 851 MT-AM, 1559 MT-AM, 339 MT-AM, 1104 WTh-PM
Vannesjö, S. Johanna - 921 WTh-AM
Vannest, Jennifer - 1022 WTh-PM, **611 MT-AM**, 817 MT-AM, 884 MT-PM
Vanrumste, Bart - 1340 WTh-PM, 974 WTh-PM
Vargas, Elsa - 1578 MT-PM
Varkuti, Balint - **850 WTh-PM**
Varoquaux, Gael - **1030 MT-PM**, 1443 WTh-AM, 1259 WTh-AM
Vartanov, Alexander - 157 WTh-AM
Vartiainen, Johanna - 970 MT-PM
Vartiainen, Nuutti - 1424 MT-PM
Vasic, Nenad - 390 MT-PM, 470 MT-PM, **114 MT-PM**
Vasquez, Julie - 239 WTh-AM
Vassilev, Georgi - 1235 MT-AM
Vaugier, Lisa - **331 MT-AM**
Vaupeul, D. Bruce - 866 MT-PM
Vaurio, Olli - 708 MT-PM
Vázquez, Pablo - **218 MT-PM**
Vecchi, Tomaso - 210 MT-PM, 22 WTh-PM
Vecchio, Fabrizio - 893 WTh-AM
Vechlekar, Crystal - 174 WTh-PM
Veer, Ilya M. - **594 WTh-PM**
Veeramachaneni, Sriharsha - 1289 WTh-AM
Vega-Hernández, Mayrim - 1095 MT-AM, 608 WTh-PM
Veijola, juha - 1390 MT-PM
Veit, Ralf - 1539 MT-AM, 1580 MT-PM, 586 WTh-PM, 649 MT-AM, 658 MT-PM, 700 MT-PM, 850 WTh-PM
Vejlby, Alexandra - 1264 MT-PM
Vejmelka, Martin - **1027 MT-AM**, 1051 MT-AM, 1239 WTh-AM
Velasco, Tonicarlo - 330 MT-PM
Velay, Jean Luc - 1582 MT-PM
Veldsman, Michele - **173 MT-AM**
Vélez de Mendizábal, Nieves - 322 WTh-PM, 754 WTh-PM
Velis, Demetrios - 300 MT-PM
Veltman, Dick - 257 WTh-AM, 262 WTh-PM, 475 WTh-AM, 659 MT-AM, 416 MT-PM, 573 WTh-AM, 719 WTh-AM, 258 WTh-PM, 259 WTh-AM, 1236 WTh-PM, 352 MT-PM, 395 MT-AM
Velut, Stéphane - 1432 WTh-PM
Vendrell, Pere - 448 MT-PM, 6 MT-PM, 828 WTh-PM
Venkatraman, Vinod - 555 WTh-AM
Vennart, William - 1426 MT-PM
Venne, Jonathan - 1141 MT-AM, 280 WTh-PM
Venneri, Annalena - 1476 WTh-PM, 1478 WTh-PM, 261 WTh-AM, 731 WTh-AM
Ventura, Dora - 986 WTh-PM
Ventura-Campos, Noelia - **1021 MT-AM**, 1096 WTh-PM, 118 WTh-PM, 278 WTh-PM, 314 MT-PM, 579 WTh-AM, 659 WTh-AM, 761 MT-AM
Venturini, Gilles - 1432 WTh-PM
Venus, Veronika - 1482 MT-PM
Venuti, Paola - 419 WTh-AM
Verbruggen, Frederick - 109 MT-AM, **97 MT-AM**
Vercammen, Ans - 490 MT-PM, **491 MT-AM**
Vercauteren, Katrien - **1245 MT-AM**
Vercelli, Alessandro - 1167 MT-AM
Verchinski, Beth - 1250 WTh-PM
Verdejo-García, Antonio - 263 WTh-AM, 264 WTh-PM
Verdoolaege, Geert - **1219 WTh-AM**
Verhagen, Lennart - **1260 MT-PM**
Verius, Michael - 1079 MT-AM, 1080 MT-PM, 326 WTh-PM
Verkes, Robbert Jan - 1509 WTh-AM, 710 WTh-PM
Vermetten, Eric - 619 WTh-AM
Vermeulen, Nicolas - 251 WTh-AM
Veronese, Elisa - **1381 WTh-AM**
Veronika, Halász - 627 WTh-AM
Versace, Francesco - 298 WTh-PM

Versari, Pietro - 263 MT-AM
Verschure, Paul - 910 WTh-PM
Verstynen, Timothy - **858 WTh-PM**
Vesin, Jean-Marc - 900 WTh-PM
Vestbø, Anders - 962 WTh-PM
Vestergaard, Martin - 201 WTh-AM
Vetter, Celine - 1222 WTh-PM, 1285 MT-AM, **46 MT-PM**
Vetter, Petra - **1496 MT-PM**
Via, Esther - **428 WTh-PM**
Viader, Fausto - 901 MT-AM
Vicente, Raul - 135 MT-AM
Vicente Grabovetsky, Alejandro - **954 MT-PM**
Vicentini, Carlo - 697 MT-AM
Victor, Victor - 1389 MT-AM
Vidailhet, Marie - 468 WTh-PM
Vidal, Juan - 115 WTh-AM, 129 WTh-AM, 1309 MT-AM, 140 WTh-PM, **224 MT-PM**, **227 MT-AM**, **229 MT-AM**
Vidal, Juan - 907 WTh-AM
Vidal Piñeiro, Didac - 5 MT-AM
Vidnyanszky, Zoltan - 800 WTh-PM
Vidyasagar, Rishma - **1449 MT-AM**
Vieilleveigne, Laure - 782 MT-PM
Viergever, Max - 660 MT-PM
Vigneau, Mathieu - 932 WTh-PM, 203 WTh-AM
Vignerou, Daniel - 303 WTh-AM
Vihla, Minna - 783 MT-AM
Viinikainen, Mikko - **635 WTh-AM**
Vila, Fidel - 548 MT-PM
Vilain, Coriandre - 1027 WTh-AM, 1518 MT-PM
Vilarroya, Oscar - 1389 MT-AM, 632 MT-PM, 909 MT-AM, 533 MT-AM
Vilela, Mariléa - **993 WTh-AM**
Villafuerte, Sandra - 291 WTh-AM
Villain, Nicolas - **733 MT-AM**
Villalon, Julio - 796 WTh-PM
Villanueva, Vicente - 314 MT-PM
VILLEVAL, Marie-Claire - 663 MT-AM
Villiermet, Nadège - 484 WTh-PM
Villiger, Michael - 1278 MT-PM
Villoslada, Pablo - 322 WTh-PM, 460 WTh-PM, **754 WTh-PM**
Villringer, Arno - 1004 MT-PM, 1037 WTh-AM, 1071 WTh-AM, 1188 MT-PM, 1198 MT-PM, 1244 MT-PM, 1328 MT-PM, 1407 WTh-AM, 1446 MT-PM, 1460 MT-PM, 1462 MT-PM, 241 MT-AM, 245 WTh-AM, 486 MT-PM, 541 WTh-AM, 621 MT-AM, 624 MT-PM, 691 WTh-AM, 795 WTh-AM, 826 WTh-PM, 828 MT-PM, 88 MT-PM, 910 MT-PM, 998 MT-PM, 308 WTh-PM
Villringer, Kersten - 621 MT-AM
Vinberg, Joakim - 1279 MT-AM
Vincent, Bonnans - 1544 WTh-PM, 1545 WTh-AM
VINCENT, Thomas - **1194 WTh-PM**, 1196 WTh-PM, 1208 MT-PM
Vinck, Martin - **880 WTh-PM**
Vingerhoets, François - 306 WTh-PM
Vingerhoets, Guy - **1240 MT-PM**, **1271 MT-AM**
Vink, Matthijs - 532 MT-PM, 659 MT-AM, 69 MT-AM, **545 MT-AM**
Vinogradov, Sophia - 1013 WTh-AM, 525 MT-AM
Vinyes, Georgina - 149 MT-AM
Violante, Ines - **489 WTh-AM**
Virji-Babul, Naznin - **327 WTh-AM**
Visser, Eelke - 1383 WTh-AM, **853 WTh-AM**, 953 WTh-AM
Viswanath, Humsini - 95 WTh-AM
Vitali, Paolo - **381 WTh-AM**
Vitko, Ekaterina - 1305 MT-AM
Vives-Gilabert, Yolanda - 1295 WTh-AM
Viviani, Roberto - **1206 MT-PM**, **519 WTh-AM**, 695 WTh-AM, 870 MT-PM
Vizioli, Luca - **1512 MT-PM**, 207 MT-AM
Vo, Loan - **1293 WTh-AM**
Voderholzer, Ulrich - 410 MT-PM
Vogeyel, Kai - 1492 WTh-PM, 67 WTh-AM, 399 WTh-AM

Vogelstein, Joshua - **1249 WTh-AM**
Vogelstein, R. Jacob - 1249 WTh-AM
Voges, Nicole - **1215 WTh-AM**
Vogt, Barbara - **88 MT-PM**
Vogt, Brent - 1453 WTh-AM
Voit, Dirk - 1453 MT-AM
Volberg, Gregor - **1470 MT-PM**
Volberg, Gregor - 1152 WTh-PM
Vollmar, Christian - **329 MT-AM**, 296 MT-PM, 341 MT-AM, 347 MT-AM
Vollmert, Christian - 707 WTh-AM
Vollstädt-Klein, Sabine -
Vollstädt-Klein, Sabine - **277 WTh-AM**, 246 WTh-PM, 249 WTh-AM, 256 WTh-PM, 707 WTh-AM, 282 WTh-PM
Volobueva, Irina - 1305 MT-AM
Voloshynovskiy, Sviatoslav - 1329 WTh-AM
Volz, Steffen - 782 WTh-PM
von Aster, Michael - 267 MT-AM
von Cramon, D. Yves - 105 MT-AM, 1122 WTh-PM, 117 WTh-AM, 1291 MT-AM, 1308 MT-PM, 1394 WTh-PM, 1492 WTh-PM, 1495 MT-AM, 657 WTh-AM, 91 MT-AM, 1143 WTh-AM, 592 MT-PM
von dem Hagen, Elisabeth - **609 WTh-AM**
von Kriegstein, Katharina - 1555 WTh-AM
von Mauschwitz, Hannes - 636 WTh-PM
von Wegner, Frederic - 1391 MT-AM, 809 MT-AM
Voon, Valerie - 485 MT-AM
Voss, Andreas - 73 MT-AM, 74 MT-PM
Voss, Bianca - 1251 WTh-AM
Voss, Michelle - 1293 WTh-AM
Voss, Patrice - **1566 WTh-PM**, 1585 WTh-AM
Vry, Magnus-Sebastian - 106 WTh-PM
Vucurevic, Goran - **1223 MT-AM**, 487 WTh-AM, 921 MT-AM
Vuilleumier, Patrik - 1266 WTh-PM, 206 WTh-PM, 721 MT-AM, 740 MT-PM
Vulliemoz, Serge - **325 MT-AM**, 963 WTh-AM, 317 MT-AM, 805 MT-AM
Vultaggio, Angela - 381 WTh-AM
Vuong, Quoc - 331 WTh-AM
Vuust, Peter - 665 WTh-AM
Vythilingum, Bavi - 1388 MT-PM
Vytlacil, Jason - **1508 WTh-PM**

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Wacnik, Paul - 972 WTh-PM
Wadiwalla, Mehreen - **459 WTh-AM**
Wadsak, Wolfgang - 1373 WTh-AM, 890 MT-PM
Wagemans, Johan - 1340 WTh-PM, 1499 MT-AM, 1552 MT-PM, **226 MT-PM**, 974 WTh-PM
Wagenmakers, Eric-Jan - 512 WTh-PM
Wager, Tor - 1064 MT-PM, 1403 MT-AM
Wagner, Anthony - 1186 WTh-PM
Wagner, Daniel - **528 MT-PM**, 252 WTh-PM, 1123 WTh-AM
Wagner, Gerd - 1033 MT-AM, **388 MT-PM**, 495 MT-AM, 510 MT-PM, 558 MT-PM
Wagner, Jennifer - 240 WTh-PM
Wagner, Michael - **1067 MT-AM**, 1412 MT-PM
Wagner, Tobias - 1155 WTh-AM
Wahl, Michael - 1358 MT-PM
Wahlund, Lars-Olof - 359 WTh-AM
Wahnelt, Sebastian - 1185 WTh-AM
Wähnert, Miriam - **778 WTh-PM**
Waite, Gordon - **1423 WTh-AM**, 183 WTh-AM, 760 WTh-PM
Wakabayashi, Toshihiko - 1030 WTh-PM
Wakeman, Daniel - **1372 WTh-PM**
Wald, Larry - 918 WTh-PM
Wald, Lawrence - 1016 MT-PM, 863 WTh-AM, 864 WTh-PM, 994 MT-PM, 872 WTh-PM, 1258 WTh-PM, 1363 MT-AM
Waldie, Karen - 497 WTh-AM

Waldorp, Lourens - 1009 MT-AM, **1026 MT-PM**, 1212 MT-PM, 1219 MT-AM, 1241 WTh-AM, 1396 WTh-PM, 1538 MT-PM

Wali, Eisha - 1024 WTh-PM

Walker, Lindsay - 834 WTh-PM, **857 WTh-AM**

Walker, Matthew - 325 MT-AM, 963 WTh-AM

Wall, Ashley - 1490 WTh-PM, 495 WTh-AM

Wallace, Gregory - 393 WTh-AM, 709 MT-AM

Wallace, Mark - 1565 WTh-AM

Wallace, Stuart - 875 WTh-AM

Wallentin, Mikkel - **665 WTh-AM**, 228 MT-PM

Wallis, Jonathan - 563 WTh-AM

Wallner-Blazek, Mirja - 623 WTh-AM

Walser, Gerald - 306 MT-PM

Walshe, Muriel - 1466 WTh-PM, 500 MT-PM

Walter, Bertram - 127 MT-AM, **1409 MT-AM**

Walter, Elizabeth - **774 MT-PM**, 474 WTh-PM

Walter, Henrik - 396 MT-PM, 654 WTh-PM, 687 MT-AM, 723 MT-AM

Walter, Martin - 1397 WTh-AM, 427 MT-AM, 605 WTh-AM, **643 WTh-AM**, 810 WTh-PM, 400 MT-PM, 694 MT-PM

Walter, Steffen - 695 WTh-AM

Walther, Dirk - 1293 WTh-AM

Walton, Rachel - **741 WTh-AM**

Waltz, James - 634 MT-PM

Walz, Andrea D - 1451 MT-AM

Walz, Henriette - **826 WTh-PM**

Walz, Jennifer - **1279 WTh-AM**

Wan, Catherine - **431 WTh-AM**, **915 MT-AM**

Wan, Xiaohong - **526 WTh-PM**

Wandell, Adam - 407 WTh-AM

Wandell, Brian - 407 WTh-AM, 1581 MT-AM, 788 MT-PM, 793 WTh-AM, 854 WTh-PM

Wang, Benjamin - 385 WTh-AM

Wang, Bin-Quan - 454 WTh-PM

Wang, Chi-hsiang - 901 WTh-AM

Wang, Chih-Hsueh - 1348 MT-PM

Wang, Deyi - 378 MT-PM

Wang, Fan - **1450 MT-PM**

Wang, Heng - 652 MT-PM, 666 WTh-PM

Wang, Hongye - **175 WTh-AM**, 521 MT-AM

Wang, Ji-Ping - 1045 MT-AM

Wang, Jian - **1461 WTh-AM**

Wang, Jinhui - 1018 MT-PM, 324 WTh-PM, 997 MT-AM

Wang, Jiongjiong - 1019 MT-AM, 837 MT-AM, 878 MT-PM

Wang, Jun - 1284 MT-PM, **597 MT-AM**, 1235 WTh-AM, 324 WTh-PM

Wang, Kao-Lun - **1339 MT-AM**

Wang, Kun - 548 WTh-PM

Wang, Lei - 1076 MT-PM, 520 MT-PM, 787 WTh-AM, 1099 WTh-AM, 1392 WTh-PM, 568 MT-PM

Wang, Liang - **1058 MT-PM**, 1136 MT-PM, 1148 MT-PM, 255 MT-AM

Wang, Lihui - **114 WTh-PM**

Wang, Lin - **1032 WTh-PM**

Wang, Ling - **598 MT-PM**

Wang, Liya - 1246 WTh-PM

Wang, Martha - 411 WTh-AM

Wang, Ningli - 1344 MT-PM

Wang, Peipei - **1229 MT-AM**, 600 WTh-PM

Wang, Percy - 1415 MT-AM

Wang, Qicheng - **971 WTh-AM**

Wang, Qwa-Fun - 1459 MT-AM

wang, ruopeng - 872 WTh-PM

Wang, Sheng - **1017 WTh-AM**

Wang, Suiping - 1067 WTh-AM

Wang, Tsung-Ting - 181 MT-AM

wang, wen - 752 MT-PM

Wang, Wenjing - 469 WTh-AM

Wang, Xi - **894 WTh-PM**, 589 MT-AM

Wang, Xiuyuan - 311 MT-AM

Wang, Y. Michelle - 1293 WTh-AM

Wang, Yalin - **1104 MT-PM**, **1149 MT-AM**, **1313 WTh-AM**

Wang, Yang - 266 WTh-PM, 405 WTh-AM

Wang, Yingying - 309 MT-AM, **817 MT-AM**

wang, yiwen - **538 WTh-PM**, 645 MT-AM, 754 MT-PM

Wang, Yonghui - 607 WTh-AM

wang, yu - 538 WTh-PM, 645 MT-AM

Wang, Yuting - 1149 MT-AM

Wang, Ze - 8 MT-PM

Wang, Zhaojin - 597 MT-AM

Wang, Zhenchang - 1344 MT-PM

Wang, Zhiqun - 309 WTh-AM

Wang, Zhishun - 1317 WTh-AM

Warbrick, Tracy - 1174 MT-PM, 1420 MT-PM, 634 WTh-PM, 709 WTh-AM

Warburton, Elizabeth - 1531 MT-AM

Warburton, Samantha - 427 WTh-AM

Ward, Doug - 351 WTh-AM

Ward, Nick - 1204 WTh-PM, 1300 MT-PM

Ward, Philip - 573 MT-AM

Wardlaw, Joanna - 1423 WTh-AM

Ware, J - 86 MT-PM

Ware, Mark - 1429 MT-AM

Warfield, Simon K. - 1360 WTh-PM, 1258 WTh-PM

Warnecke, Tobias - 1290 MT-PM

Warner, Virginia - 368 MT-PM

Warren, Jane - 1046 WTh-PM

Warren, Jason - 479 MT-AM

Wartenburger, Isabell - 1082 WTh-PM, 241 MT-AM, 242 MT-PM, 82 MT-PM

Warton, Christopher - 501 WTh-AM

Wasan, Ajay - 1435 MT-AM, 1438 MT-PM

Waseem, Najeff - **1354 MT-PM**

Washington, Stuart - **427 WTh-AM**

Wassermann, Eric - 896 MT-PM

Watanabe, Eiju - 854 MT-PM

Watanabe, Hama - 1022 MT-PM

Watanabe, Noriya - 285 MT-AM

WATANABE, Shigeru - 252 MT-PM

Watanabe, Takamitsu - 38 MT-PM

Watanabe, Yasuyoshi - 1366 WTh-PM

Watanabe, Yoshifumi - 376 MT-PM, 508 MT-PM, 516 WTh-PM

Watkins, Kate - 1112 WTh-PM

Watson, Alison - **1418 MT-PM**

Watson, Rebecca - **961 WTh-AM**

Watts, Greg - 1571 WTh-AM

Watts, Richard - 436 WTh-PM, 466 MT-PM

Weaver, Kurt - 170 WTh-PM, 176 WTh-PM

Webb, Thomas - 606 WTh-PM

Weber, Bernd - 1156 WTh-PM, 312 MT-PM

Weber, Bruno - 1260 WTh-PM

Weber, Kirsten - 1086 WTh-PM

Weber, Lena - 444 MT-PM

Weber, Rene - 672 MT-PM, 674 MT-PM

Weber-Fahr, Wolfgang - 246 WTh-PM

Wedeen, Van - 1363 MT-AM

Wedeen, Van - 872 WTh-PM

Weder, Bruno - 613 MT-AM

Weeda, Wouter - **1009 MT-AM**, **1212 MT-PM**, 1241 WTh-AM

Weglage, Josef - 1505 MT-AM

Wegman, Joost - **272 MT-PM**

Wei, Gaoxia - 1399 WTh-AM

Wei, Ping - **88 WTh-PM**

Wei, Shau-Ming - 294 MT-PM, 30 MT-PM, 756 WTh-PM

Wei, Shau-Ming - **724 WTh-PM**

Weickert, Thomas - 490 MT-PM, 491 MT-AM

Weigel, Udo - 836 MT-PM

Weiland, Barbara - **270 WTh-PM**, 288 WTh-PM, 291 WTh-AM

Weiller, Cornelius - 1058 WTh-PM, 106 WTh-PM, 1318 MT-PM, 1336 WTh-PM, 1541 MT-AM, 1564 WTh-PM, 182 MT-PM, 229 WTh-AM, 248 MT-PM, 594 MT-PM, 603 MT-AM, 9 WTh-AM, 950 MT-PM

Weinberger, Daniel - 1250 WTh-PM, 531 MT-AM, 557 MT-AM, 66 WTh-PM, 712 WTh-PM, 77 MT-AM, 433 MT-AM, 523 WTh-AM, 689 MT-AM, 723 WTh-AM, 724 WTh-PM, 733 WTh-AM, 30 MT-PM, 820 MT-PM, 852 WTh-PM, 934 MT-PM, 554 MT-PM, 749 WTh-AM

Weiner, Kevin - 234 MT-PM

Weiner, Michael - 1296 WTh-PM, 305 WTh-AM, 319 WTh-AM, 354 WTh-PM, 355 WTh-AM, 356 WTh-PM, 360 WTh-PM, 703 WTh-AM, 726 WTh-PM, 318 MT-PM, 319 MT-AM, 378 WTh-PM, 1137 MT-AM, 312 WTh-PM, 314 WTh-PM

Weintraub, Sandra - 332 WTh-PM, 361 WTh-AM

Weisberg, Jill - **393 WTh-AM**

Weisbrod, Matthias - 1265 MT-AM, 1382 WTh-PM, 1442 WTh-PM, 315 WTh-AM, 922 MT-PM

Weise, Lutz - 21 MT-AM

Weisend, Michael - 896 MT-PM, 9 MT-AM

Weisinger, Brian - 514 MT-PM

Weiskopf, Nikolaus - 1323 WTh-AM, 1355 MT-AM, 1471 MT-AM, 1537 WTh-AM, **758 WTh-PM**, 759 MT-AM, 795 WTh-AM, 861 WTh-AM, 1319 WTh-AM

Weiss, Marcel - **1468 WTh-PM**, **773 WTh-AM**, 778 WTh-PM

Weissenbacher, Andreas - 425 MT-AM

Weissman, Daniel - 102 WTh-PM

Weissman, Myrna - 368 MT-PM

Welbourne, Stephen - 1550 MT-PM, 971 MT-AM

Welch, Killian - 400 WTh-PM, 715 WTh-AM

Welker, Lorenz - 164 MT-PM, 613 WTh-AM

Wells, Scott - 436 WTh-PM

Wells, William - 1269 WTh-AM

Welsh, Robert - 1313 MT-AM, 1316 MT-PM, 148 WTh-PM

Welsh, Robert - 1171 MT-AM, 270 WTh-PM

Welvaert, Marijke - **1217 MT-AM**

Wemer, Johan - 1506 WTh-PM

Wen, Wei - 1371 WTh-AM, 588 MT-PM, 1392 WTh-PM, 304 WTh-PM, 155 WTh-AM, 302 WTh-PM, 357 WTh-AM

Wendelken, Carter - 207 WTh-AM, 251 MT-AM

Wenderoth, Nicole - 1239 MT-AM, 1241 MT-AM, 1245 MT-AM, 1434 WTh-PM, 173 WTh-AM

Wendler, Franziska - 1146 WTh-PM

Wendling, Fabrice - 1215 WTh-AM, 1326 WTh-PM, 328 MT-PM, 7 MT-AM

Wendt, Julia - 574 WTh-PM, **636 WTh-PM**, 651 WTh-AM

Weng, Helen - 611 WTh-AM

Weng, Hsu-Huei - 947 WTh-AM

Weng, Jun-Cheng - **811 WTh-AM**, **822 WTh-PM**

Weng, Shih-Jen - 1171 MT-AM

Weng, Xuchu - 122 WTh-PM

Wentlandt, Johanna - 1301 MT-AM, 1543 MT-AM, **589 MT-AM**

Werkle-Bergner, Markus - 165 WTh-AM

Werner, André - 163 MT-AM

Werner, Annett - 1162 WTh-PM

Werner, Cornelius - 889 MT-AM

Werner, Sebastian - 10 MT-PM

Wessa, Michèle - 180 WTh-PM, 360 MT-PM, 418 MT-PM, 604 WTh-PM

Wessberg, Johan - 1263 WTh-AM, 1457 MT-AM

Wessel, Jan - 167 MT-AM

Wessel, Jan Reinhold - **1130 MT-PM**, **95 MT-AM**

West, Michael - 815 MT-AM

Westerhausen, Rene - 1159 WTh-AM, 1430 WTh-PM

Westerterp-Plantenga, Margriet - 662 MT-PM

Westin, Carl Fredrik - 1269 WTh-AM, 559 MT-AM, 1346 MT-PM

Westlake, Kelly - 484 MT-PM, 914 MT-PM, 599 MT-AM, 874 WTh-PM

Weston, Philip - **215 MT-AM**

Wey, Hsiao-Ying - 316 MT-PM, 34 WTh-PM

Weyer, Gunther - 1412 MT-PM

Weyers, Peter - 660 WTh-PM

Weygandt, Martin - 1254 WTh-PM, **271 WTh-AM**
Whalley, Heather - 575 MT-AM, 715 WTh-AM, 748 WTh-PM
Whalley, Lawrence - 183 WTh-AM, 185 WTh-AM, 760 WTh-PM
Whatley, Benjamin - 6 WTh-PM
Wheat, Katherine - 1584 MT-PM
Wheeler, Bryan - 1086 MT-PM, 807 MT-AM
Wheeler, Sarah - 1165 WTh-AM, 1178 WTh-PM
Wheeler-Castillo, Cristina - 375 MT-AM
Whitaker, Kirstie - 207 WTh-AM
Whitcher, Brandon - 1206 WTh-PM, 1335 MT-AM, 336 WTh-PM, 342 WTh-PM, 821 WTh-AM
White, Brian - **850 MT-PM**, 859 MT-AM
White, David - 555 MT-AM
White, John Myles - **1502 MT-PM**
White, Keith - 1341 MT-AM
White, Tonya - 499 MT-AM, **527 MT-AM**
Whitehead, Victor - 353 WTh-AM
Whitfield-Gabriel, Susan - 1016 MT-PM, 293 WTh-AM, 409 WTh-AM, 919 MT-AM, 268 WTh-PM
Whitman, Jennifer - 1136 MT-PM, **255 MT-AM**, 577 MT-AM
Whitmer, Anson - **113 MT-AM**
Whitmer, Diane - **7 MT-AM**
Whitney, Carin - **1021 WTh-AM**
Whittington, Robert - 1403 MT-AM
Whitty, Peter - 358 MT-PM
Whyte, Martin - 676 MT-PM
Wibral, Michael - **135 MT-AM**
Wichert-Ana, Lauro - 330 MT-PM
Wicker, Bruno - 404 WTh-PM, 408 WTh-PM, 21 WTh-AM
Wideman, Timothy - 1429 MT-AM
Widmann, Andreas - 48 WTh-PM, 56 WTh-PM
Widschwendter, Christian - 545 MT-AM
Wiech, Katja - 1414 MT-PM
Wieckhorst, Birgit - **580 WTh-PM**, 711 WTh-AM
Wiedl, Karl - 543 MT-AM
Wiegand, Katrin - **202 MT-PM**
Wiener, Martin - **1328 WTh-PM**
Wieser, Matthias - 660 WTh-PM
Wiesmann, Martin - 138 MT-PM, 366 MT-PM, 358 MT-PM, 1127 MT-AM
Wiesner, Christian - 631 MT-AM
Wiest, Roland - 1481 MT-AM, **336 MT-PM**, 337 MT-AM, 613 MT-AM
Wig, Gagan - **1134 WTh-PM**, 1180 WTh-PM
Wiggins, Jillian Lee - **1171 MT-AM**, 1232 MT-PM
Wikström, Johan - 443 MT-AM
Wilbertz, Gregor - **504 WTh-PM**
Wild, Conor - **1083 WTh-AM**
Wild, Kelly - 1416 WTh-PM
Wildenberg, Joseph - **1012 MT-PM**, **1120 MT-PM**, **1229 WTh-AM**
Wildgruber, Dirk - 496 WTh-PM, 618 WTh-PM, 633 WTh-AM
Wilhelm, Frank - 580 WTh-PM, 711 WTh-AM
Wilk, Heather - **110 MT-PM**, 112 MT-PM
Wilke, Marko - 1062 WTh-PM, 229 WTh-AM
Wilke, Melanie - 1473 MT-AM
Wilkins, Diana - 243 WTh-AM
Wilkinson, Iain - 1263 MT-AM, 1228 MT-PM, 215 MT-AM, 551 MT-AM, 566 MT-PM, 606 WTh-PM, 1571 WTh-AM, 501 MT-AM, 546 MT-PM
William, Honer - 1058 MT-PM
Williams, Adrian - **1494 MT-PM**
Williams, Guy - 780 WTh-PM
Williams, Kathleen - 1196 MT-PM
Williams, Lea - 379 MT-AM
Williams, Mark - 45 WTh-AM
Williams, Owen - 815 MT-AM
Williams, Steve - 1426 MT-PM, 1431 WTh-AM, 564 MT-PM, 1356 MT-PM
Williams, Steven - 1469 WTh-AM, 1504 WTh-PM
Williams, Victoria - 280 WTh-PM, 817 WTh-AM
Williamson, Douglas - 386 WTh-PM
Williamson, Peter - 354 MT-PM
Willis, Sherry - 170 WTh-PM, 176 WTh-PM
Willmes, Klaus - 212 WTh-PM, 329 WTh-AM, 61 WTh-AM, 91 WTh-AM
Willshaw, David - 799 WTh-AM
Wilmsmeier, Andreas - 543 MT-AM
Wilson, Anna - **497 WTh-AM**, 569 MT-AM
Wilson, Benjamin - 992 WTh-PM
Wilson, Jessica - 1186 WTh-PM
Wilson, Lisa B. - **1090 WTh-PM**, 414 WTh-PM
Wilson, Sarah - 915 MT-AM
Wilson, Stephen - 1105 WTh-AM
Wimber, Maria - **1146 WTh-PM**, 1152 WTh-PM, 1153 WTh-AM
Wimmer, Heinz - 1568 MT-PM, 1572 MT-PM, 473 WTh-AM, 477 WTh-AM
Windhoff, Mirko - **8 WTh-PM**
Windischberger, Christian - 100 WTh-PM, **1127 MT-AM**, 1198 WTh-PM, 1227 WTh-AM, 175 MT-AM, 408 MT-PM, 425 MT-AM, 638 WTh-PM, 969 MT-AM, **1011 MT-AM**, 1373 WTh-AM
Windmann, Sabine - 244 MT-PM, 245 MT-AM
Wingfield, Cai - 803 MT-AM
Winkler, Anderson - 1523 WTh-AM, 700 WTh-PM, 701 WTh-AM, 705 WTh-AM, 706 WTh-PM, 718 WTh-PM, **734 WTh-PM**, 739 WTh-AM, 741 WTh-AM
Winkler, Susanne - 1516 MT-PM
Winner, Ellen - 1340 MT-PM
Winslow, James - 428 MT-PM
Winston, Gavin - 953 MT-AM
Winter, Benjamin - 621 MT-AM
Winterer, Georg - 1174 MT-PM, 1420 MT-PM, 634 WTh-PM, 709 WTh-AM
Wipf, David - 1035 MT-AM
Wischnik, Claude - 363 WTh-AM, 364 WTh-PM
Wise, R - 86 MT-PM
Wise, Richard - 1024 MT-PM, 1208 WTh-PM, 1350 WTh-PM, **1425 MT-AM**, 398 MT-PM, **875 MT-AM**, 916 WTh-PM, 1573 MT-AM, 811 MT-AM
Witt, Suzanne - **439 WTh-AM**
Wittchen, Hans-Ulrich - 620 WTh-PM
Witte, A. Veronica - **742 WTh-PM**
Witteman, Jurriaan - **637 WTh-AM**, 640 WTh-PM
Witthoft, Nathan - 234 MT-PM
Wittmann, André - 1145 WTh-AM
Wittmann, Marco - 1291 MT-AM
Witton, Caroline - 1008 WTh-PM
Wittsack, Hans-Joerg - 1420 MT-PM, 709 WTh-AM
Witzel, Thomas - 810 MT-PM, 918 WTh-PM, 1465 MT-AM
Wobrock, Thomas - 513 MT-AM, 713 WTh-AM, 714 WTh-PM
Woermann, Friedrich - 1110 WTh-PM, 391 MT-AM
wohlschlaeger, afra - 1178 MT-PM
Wolak, Tomasz - 116 MT-PM, 1258 MT-PM, 982 WTh-PM
Wolburg, Anna - 410 MT-PM
Wolf, Daniel - 381 MT-AM
Wolf, Felix Jonathan - **496 WTh-PM**
Wolf, Isabella - 1477 WTh-AM, 1533 MT-AM
Wolf, Oliver - 571 WTh-AM
Wolf, Robert Christian - 114 MT-PM, **390 MT-PM**, **470 MT-PM**
Wolfe, Amanda - 427 WTh-AM
Wolfe-Christensen, Cortney - 992 WTh-PM
Wolfensteller, Uta - 103 MT-AM, **105 MT-AM**
Wolff, Stephan - 1261 WTh-AM, 478 WTh-PM, 917 MT-AM, 631 MT-AM, 482 WTh-PM
Wollbrink, Andreas - 102 MT-PM, 89 MT-AM
Wolters, Carsten - 877 WTh-AM
Woltz, Lawrence - 1207 WTh-AM
Wölwer, Wolfgang - 17 WTh-AM, 634 WTh-PM, 64 MT-PM
Wolzt, Michael - 100 WTh-PM
Womelsdorf, Thilo - 90 WTh-PM
Wong, Agnes - 1489 MT-AM
Wong, Donald - 1508 MT-PM
Wong, Patrick - 1099 WTh-AM, 1530 WTh-PM, 1045 MT-AM
Wong, Savio - 1056 MT-PM, **876 MT-PM**
Wong, Tiffany - 411 WTh-AM
Woo, John - 1388 WTh-PM
Woo, Yeon-kyoung - 577 WTh-AM
Wood, Amanda - 440 WTh-PM, 915 MT-AM
Wood, Guilherme - 211 WTh-AM
Wood, Nicholas - 699 WTh-AM
Wood, Stephen - 918 MT-PM
Woodard, John - 390 WTh-AM
Woodhead, Zoe - **1573 MT-AM**
Woodruff, Peter - 1228 MT-PM
Woodruff, Peter - 1571 WTh-AM, 215 MT-AM, 566 MT-PM, 606 WTh-PM
Woods, Andy - **1547 WTh-AM**, 665 MT-AM
Woods, David - **1535 WTh-AM**, 779 MT-AM
Woods, Roger - 1110 MT-PM, 1363 MT-AM, 1369 MT-AM, 1379 WTh-AM, 582 MT-PM, 794 MT-PM
Woodward, Neil - 520 WTh-PM
Woodward, Todd - 1058 MT-PM, **1136 MT-PM**, 1148 MT-PM, 255 MT-AM, 566 WTh-PM, 577 MT-AM
Woolley, James - 217 WTh-AM
Woolrich, Mark - 1085 MT-AM, 1091 MT-AM, 1193 WTh-AM, 1160 MT-PM, 1013 MT-AM, 1252 WTh-PM
Wootton, Cassandra - 9 MT-AM
Worbe, Yulia - 1334 MT-PM, **468 WTh-PM**, 664 MT-PM
Worhunsy, Patrick - 296 WTh-PM, 684 MT-PM
Wörner, Christiane - 650 WTh-PM
Worrell, Gregory - 303 MT-AM
Worth, Andrew - 1074 MT-PM
Woudstra, Saskia - **719 WTh-AM**
Wrafter, Pia - 77 WTh-AM
Wrase, Jana - 246 WTh-PM, 273 WTh-AM, 639 WTh-AM
Wrede, Katrin - **1037 WTh-AM**
Wright, Anthony - 945 MT-AM, 946 MT-PM
Wright, Chris - 1482 WTh-PM
Wright, Margaret - 1196 MT-PM, 729 WTh-AM, 744 WTh-PM, 746 WTh-PM, 796 WTh-PM, 871 WTh-AM, 1372 MT-PM, 716 WTh-PM, 743 WTh-AM, 747 WTh-AM, 824 WTh-PM
Wright, Michael - **1417 WTh-AM**
Wright, Paul - 1070 WTh-PM
Wright, Sara - **666 WTh-PM**, 652 MT-PM
Wu, Alan - **1173 MT-AM**
Wu, Allan - 912 MT-PM
Wu, Carolyn Wan-hsun - **842 WTh-PM**
Wu, Changwei - **919 WTh-AM**
Wu, Charlene - **543 WTh-AM**
Wu, Chiao-Yi - **1579 MT-AM**, 526 MT-PM
Wu, Denise - **275 MT-AM**
Wu, Dingcheng - **701 MT-AM**
Wu, Haitao - 842 WTh-PM
Wu, Jing - 348 MT-PM
Wu, Kai - **1452 WTh-PM**
Wu, Lei - **806 MT-PM**
Wu, Meng-You - 1173 MT-AM
Wu, Qi-Zhu - **1261 MT-AM**
Wu, Qizhu - 369 MT-AM
Wu, Steve - 611 MT-AM
Wu, Wen-Chau - **1019 MT-AM**, **954 WTh-PM**
Wu, Xihong - 1518 WTh-PM
Wu, Xingchen - 1267 MT-AM
Wu, Yi-Huan - **396 WTh-PM**
Wu, Yu-Chin - 919 WTh-AM
Wu, Yu-Te - 80 MT-PM
Wuellner, Ullrich - 458 MT-PM
Wunberg, David - **482 WTh-PM**
Wurm, Gabriele - 934 WTh-PM
Wurm, Moritz - **1495 MT-AM**

Wurnig, Moritz - 1079 MT-AM, **1080 MT-PM**, 1081 MT-AM, 1463 MT-AM, 956 WTh-PM
Wüstenberg, Torsten - 20 MT-PM, 246 WTh-PM, 265 WTh-AM, 646 MT-PM, 736 WTh-PM, 639 WTh-AM
Wyart, Valentin - **157 MT-AM**, 1563 WTh-AM
Wyble, Brad - 129 MT-AM
Wydell, Taeko - **1571 MT-AM**
Wyper, Katy - 490 WTh-PM

X

Xavier, Priya - 233 WTh-AM
Xia, Mingrui - 178 WTh-PM
Xian, Junfang - 1344 MT-PM
xiang, huadong - **1102 WTh-PM**
Xiang, Jing - 309 MT-AM, 817 MT-AM
Xiao, Hong - 940 WTh-PM
Xiaoyi, Fang - 285 WTh-AM
Xie, Chunming - 267 WTh-AM, 351 WTh-AM
Xie, Jingyi - **1153 MT-AM, 872 MT-PM**
Xing, Delin - 597 MT-AM
Xing, Hao-Yang - 1261 MT-AM
Xiong, Jinhui - 1296 MT-PM, 949 WTh-AM, 967 WTh-AM
Xu, Anna - 584 MT-PM, 933 MT-AM
Xu, Dongrong - 368 MT-PM
Xu, Duan - 303 WTh-AM
Xu, Fen - 701 MT-AM
Xu, Guifang - 122 WTh-PM
Xu, Guofan - 193 WTh-AM, 455 WTh-AM
Xu, Lai - **1093 MT-AM**
Xu, Lijuan - **548 WTh-PM**
Xu, Pengfei - 1235 WTh-AM, 411 MT-AM
Xu, Songfan - 312 WTh-PM, 314 WTh-PM
Xu, Tim - 438 MT-PM
Xu, Yang - 431 MT-AM
Xu, Yong - 861 MT-AM, 865 MT-AM
Xu, Yong - **864 MT-PM**
Xue, Feng - 1359 MT-AM, 423 MT-AM, **424 MT-PM**
Xue, Gui - **1583 MT-AM**
Xue, Hongli - 1583 MT-AM
Xue, Lian-Bi - 40 WTh-PM

Y

Yacoub, Essa - 137 WTh-AM, 18 MT-PM, 939 WTh-AM, 1231 WTh-AM, 867 WTh-AM
Yager, Jeffrey - 483 MT-AM
Yagi, Shunsuke - 447 MT-AM
Yahata, Noriaki - 680 WTh-PM
Yamada, Haruyasu - **1373 MT-AM**
Yamada, Kei - 361 MT-AM, 397 MT-AM
Yamada, Yohei - 1150 WTh-PM
Yamaguchi, Sanae - 1103 WTh-AM
Yamamoto, Eriko - 1474 MT-PM, 1585 MT-AM
Yamamoto, Miyuki - 285 MT-AM
Yamamoto, Takamichi - 343 MT-AM
Yamamoto, Yukari - 824 MT-PM, 834 MT-PM
Yamasue, Hidenori - 1325 MT-AM, 1373 MT-AM
Yamazaki, Madoka - **343 MT-AM**
Yan, Chaogan - 1010 MT-PM, **1217 WTh-AM**, 1235 WTh-AM, 378 MT-PM, 1018 MT-PM, 1165 MT-AM
Yan, Lirong - **878 MT-PM**
Yan, Winston - **1331 WTh-AM**, 1332 WTh-PM
YAN, Xiaodan - **461 WTh-AM**
Yang, Chia-Yen - **1480 MT-PM**
Yang, Chunhui - 752 WTh-PM
YANG, FAN-PEI - **458 WTh-PM**
Yang, Guang-Zhong - 1121 WTh-AM, 212 MT-PM, 839 MT-AM
Yang, Jae-Woong - 75 WTh-AM
Yang, Jie - 40 WTh-PM
Yang, Jin Ju - **1436 WTh-PM**
Yang, Jong-Chul - 920 MT-PM

Yang, Lin - **303 MT-AM**, 790 MT-PM, 886 WTh-PM
Yang, Min-jeong - 676 WTh-PM
Yang, Shaolin - **866 MT-PM**
Yang, Tony - **348 MT-PM**
Yang, Xiao-Fei - 876 MT-PM
Yang, Yaling - **497 MT-AM**
Yang, Yihong - 287 WTh-AM, 946 WTh-PM, 283 WTh-AM, 301 WTh-AM, 866 MT-PM
Yang, Yufang - 1032 WTh-PM
Yang, Zheng - **267 WTh-AM**
Yang, Zhi - **122 WTh-PM**, 1229 MT-AM
Yanovsky, Igor - 1072 MT-PM, 360 WTh-PM
Yao, Li - 1165 MT-AM
Yasuda, Clarissa - 1532 MT-PM
Yau, Wai-Ying Wendy - **288 WTh-PM**, 291 WTh-AM
Yau, Wendy - 270 WTh-PM, 275 WTh-AM
Ye, Frank - 1473 MT-AM
Ye, Jong Chul - 330 WTh-PM
Ye, Zheng - 1047 WTh-AM
Yeates, Keith - 440 WTh-PM
Yeatman, Jason - **1581 MT-AM**
Yee, Debbie - 1557 MT-AM
Yeh, Chun-Hung - **818 WTh-PM**
Yeh, Fang-Cheng - 1073 MT-AM, 553 MT-AM, 839 WTh-AM
YEH, MEI-YU - **947 WTh-AM**
Yeh, Ping-Hong - 454 WTh-PM
Yeh, Tzu-Chen - 413 MT-AM, 80 MT-PM
Yelnik, Jérôme - 1326 MT-PM, 1334 MT-PM, 1007 WTh-AM
Yen, Kathrin - 1321 MT-AM
Yendiki, Anastasia - 499 MT-AM, **875 WTh-AM**
Yeo, Jisun - 279 WTh-AM, 671 MT-AM
Yeo, Sang Seok - **604 MT-PM**
Yeo, Sujung - 69 WTh-AM
Yesilyurt, Baris - 879 MT-AM
Yiannoutsos, Constantin - 1488 WTh-PM, 344 WTh-PM, 377 WTh-AM, 382 WTh-PM, 860 MT-PM
Yilmaz, Özge - 850 WTh-PM
Yilmaz, Pinar - 1442 MT-PM
Yim, Yoon-Kyoung - **485 WTh-AM**
Yin, Hengchan - 1284 MT-PM
Yin, Jing - 190 MT-PM
Yin, Yanling - **600 WTh-PM**
Ying, Sarah - 1354 MT-PM, 1467 WTh-AM
Yodh, Arjun - 14 WTh-PM, 605 MT-AM, 823 MT-AM, 837 MT-AM, 844 MT-PM
Yogarajah, Mahinda - **341 MT-AM**
Yokosawa, Koichi - 1415 WTh-AM, **997 WTh-AM**
Yokoyama, Kazumasa - 1246 MT-PM, 446 MT-PM
Yokoyama, Satoru - 1103 WTh-AM, 261 MT-AM, 596 WTh-PM
Yomogida, Yukihito - 261 MT-AM, 630 MT-PM, 734 MT-PM
Yoncheva, Yuliya - **1588 MT-PM**
Yoo, Ji Sung - 29 WTh-AM
Yoo, Julie - **129 MT-AM**
Yoo, Kwangsun - 370 WTh-PM
Yoo, Seung-Schik - **13 MT-AM**
Yoon, Daehyun - 1304 WTh-PM, 797 MT-AM
Yoon, Eun Jin - **442 WTh-PM**
Yoon, Hyo Woon - **189 MT-AM**, 416 WTh-PM, 843 WTh-AM, 951 WTh-AM
Yoon, Jong - 538 MT-PM
yoon, jong - 506 MT-PM
yoon, kang jun - 24 WTh-PM, 434 MT-PM
Yoon, Kang-Jun - 625 WTh-AM
Yoon, Soo Jin - 330 WTh-PM
Yoon, Uicheul - 488 WTh-PM
Yoruk, Umit - 457 WTh-AM
Yoshida, Masaki - 1472 MT-PM
Yoshihiro, Tatsuya - 73 WTh-AM, 87 WTh-AM
Yoshikawa, Etsuji - 447 MT-AM
Yoshimoto, Akio - 980 WTh-PM
YOSHINO, Kayoko - 1293 MT-AM, **849 MT-AM**

Yoshioka, Yoshichika - 927 WTh-AM
Yoshiyama, Kenji - **369 WTh-AM**, 379 WTh-AM
Yoshizawa, Hiroshi - **1129 WTh-AM**
Yotter, Rachel - **1341 WTh-AM, 1342 WTh-PM**
Yotter, Rachel Aine - 1457 WTh-AM, 1458 WTh-PM, 1459 WTh-AM, 1463 WTh-AM
You, Wenping - 469 WTh-AM
Young, Bryan - 986 MT-PM
Young, Christina - 257 MT-AM, 227 WTh-AM
Young, Keith - 1041 MT-AM
Young, Kymberly - **353 MT-AM**
Young, Liane - 767 MT-AM
Youngpeter, Katie - 414 WTh-PM, 423 WTh-AM, 539 MT-AM
Yourganov, Grigori - **1118 MT-PM**
Yovel, Galit - 1485 MT-AM, 280 MT-PM
Yrttiäho, Santeri - **1513 WTh-AM**
Ystad, Martin - **196 WTh-PM**
Yu, Chunshui - **357 MT-AM**, 427 MT-AM, 727 WTh-AM
Yu, Gene - 149 WTh-AM
Yu, Hongbo - **1560 MT-PM**
Yu, Iwae - 447 WTh-AM
Yu, Kwon-Kyu - 955 WTh-AM
Yu, Ningbo - 1278 MT-PM
YU, Qiu-Hong - **40 WTh-PM**
Yu, Rongjun - **535 WTh-AM**, 626 WTh-PM
Yu, Tao - 593 WTh-AM
Yu, Xi - **1042 WTh-PM**
Yu, Ya-Chih - 144 WTh-PM
Yu, Yen - **80 MT-PM**
Yuan, Han - **790 MT-PM**, 886 WTh-PM
Yuan, Lin - **719 MT-AM**
Yubero, Raquel - 349 WTh-AM
Yücel, Murat - 299 WTh-AM, 355 MT-AM, 276 WTh-PM, 90 MT-PM
Yuille, Alan - 1308 WTh-PM
Yun, HyukJin - 1436 WTh-PM
Yun, Kyongsik - **508 WTh-PM, 509 WTh-AM**
Yun, Sungdae - 879 WTh-AM
Yund, E. William - 1535 WTh-AM
Yurgelun-Todd, Deborah - 244 WTh-PM, 384 MT-PM, 989 MT-AM
Yusa, Noriaki - **1103 WTh-AM**
Yuval-Greenberg, Shlomit - 1014 WTh-PM
Yuwei, Zheng - 754 MT-PM
Yvert, Gaetan - 1025 WTh-AM, 1517 MT-AM, 1547 MT-AM

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Zaaraoui, Wafaa - 494 WTh-PM, **883 MT-AM**
Zachariae, Robert - 1437 MT-AM
Zacks, Jeffrey - 133 MT-AM
Zacur, Ernesto - 1474 WTh-PM, 1483 WTh-AM
Zaepffel, Manuel - 1405 WTh-AM
Zago, Laure - 1168 MT-PM, 126 MT-PM, 932 WTh-PM
Zagorodnov, Vitali - **1374 WTh-PM**, 971 WTh-AM
Zahn, Roland - 730 MT-PM
Zahneisen, Benjamin - 1244 WTh-PM, 1335 WTh-AM
Zaitsev, Maxim - 843 WTh-AM, 951 WTh-AM
Zakay, Dan - 280 MT-PM
Zald, David - 520 WTh-PM, 770 WTh-PM
Zalesky, Andrew - **1346 MT-PM**
Zandbelt, Bram - 545 MT-AM, **69 MT-AM**
Zandstra, Elizabeth - 665 MT-AM
Zang, Yu-Feng - 1235 WTh-AM, 982 MT-PM, 1023 MT-AM, 234 WTh-PM
Zang, Yufeng - 1010 MT-PM, 1165 MT-AM, 1217 WTh-AM, 1244 MT-PM, 1284 MT-PM, 378 MT-PM, 1018 MT-PM
Zang, Zhen-Xiang - **1010 MT-PM**
Zangenehpour, Shahin - **1582 WTh-PM**
Zanni, Luca - 1278 WTh-PM
Zanto, Theodore - 134 WTh-PM, **15 WTh-AM**
Zaoui, Mohamed - 277 MT-AM

Zapf, Marc Patrick - **1255 MT-AM**, 1248 WTh-PM, 580 WTh-PM, 589 MT-AM
Zappasodi, Filippo - 1347 WTh-AM
Zarate, Jr., Carlos - 375 MT-AM
zareh, Elham - **602 MT-PM**
Zarei, Mojtaba - 448 MT-PM, 602 MT-PM, 477 MT-AM
Zaretskaya, Natalia - **145 MT-AM**
Zatorre, Robert - 1295 MT-AM, 1480 WTh-PM, 1566 WTh-PM, 1539 WTh-AM, 1581 WTh-AM, 682 MT-PM, 1582 WTh-PM, 217 MT-AM
Zayed, Nourhan - **1490 MT-PM**
Zeffiro, Thomas - 409 WTh-AM
Zeharia, Noa - **1400 WTh-PM**
Zelaya, Fernando - 853 MT-AM, 871 MT-AM, 887 MT-AM, 676 MT-PM, 875 MT-AM
Zemmoura, Ilyess - 1432 WTh-PM
Zempel, John - 1396 MT-PM
Zentgraf, Karen - 1288 MT-PM, 1289 MT-AM, 1310 MT-PM
Zerres, Klaus - 698 WTh-PM, 704 WTh-PM
Zevin, Jason - 1081 WTh-AM, 1588 MT-PM
Zhan, Liang - **840 WTh-PM**, **865 WTh-AM**, **866 WTh-PM**, **867 WTh-AM**
Zhan, Peiyan - 324 WTh-PM
Zhang, Feng - 728 WTh-PM
Zhang, Han - 1023 MT-AM
Zhang, Haobo - **304 WTh-PM**
Zhang, Hongchuan - 1050 MT-PM, 262 MT-PM
Zhang, Jing - 602 WTh-PM
Zhang, Jingting - **1075 WTh-AM**
Zhang, John X. - **1574 MT-PM**
Zhang, Junran - **940 WTh-PM**
Zhang, Mingxia - 1583 MT-AM
Zhang, Nanyin - 254 WTh-PM, 612 WTh-PM, **991 MT-AM**
Zhang, Qin - 1574 MT-PM
Zhang, Shengwei - **1065 MT-AM**, **1066 MT-PM**
Zhang, Ti-Jiang - 1261 MT-AM
Zhang, Wei - 1296 MT-PM, 25 WTh-AM, 34 WTh-PM
Zhang, Wenjuan - **607 WTh-AM**
Zhang, Wensheng - 990 WTh-PM
Zhang, Xiaodong - 405 MT-AM
Zhang, Xiaohui - **1311 WTh-AM**, **342 MT-PM**, **344 MT-PM**
Zhang, Xue - 1245 MT-AM
Zhang, Yan - 375 MT-AM
Zhang, Ye - 1420 WTh-PM
Zhang, Yi - 1172 MT-PM
Zhang, Yongzhi - 13 MT-AM
Zhang, Yu-Jin - **1023 MT-AM**
Zhang, Yuan - 1051 WTh-AM
Zhang, Yuanchao - **1399 WTh-AM**
Zhang, Yumei - 597 MT-AM
Zhao, Claire - **1389 WTh-AM**, **1391 WTh-AM**
Zhao, Jiaying - 1502 MT-PM
Zhao, Lu - **1435 WTh-AM**
Zhao, Peng - **1394 MT-PM**
Zhao, Qun - 958 MT-PM
Zhao, Xu - 469 WTh-AM
Zhao, Zhilian - 1243 WTh-AM, 324 WTh-PM
Zhdanov, Andrey - 1283 WTh-AM, 661 WTh-AM
Zheng, Wei - **752 MT-PM**
Zherdin, Andrew - 1290 WTh-PM
Zhong, Chongguang - **11 MT-AM**
Zhong, Jianhui - 1488 WTh-PM, 344 WTh-PM, 377 WTh-AM, 382 WTh-PM, 860 MT-PM
Zhong, Jidan - **1089 MT-AM**
Zhou, Dongming - **490 WTh-PM**
Zhou, Juan - **378 WTh-PM**, 692 WTh-PM, **768 MT-PM**
Zhou, Liming - 1284 MT-PM
Zhou, Renlai - 552 WTh-PM, 602 WTh-PM, 719 MT-AM, 607 WTh-AM
Zhou, Xiaolin - 1047 WTh-AM, 1051 WTh-AM, 112 WTh-PM, 114 WTh-PM, 1560 MT-PM, 88 WTh-PM
Zhou, Yuan - 357 MT-AM, 552 WTh-PM
Zhu, Chao-Zhe - 1023 MT-AM
Zhu, Chaozhe - 1042 WTh-PM
Zhu, David - 1114 MT-PM
Zhu, Hongtu - 368 MT-PM
Zhu, Lin - 1340 MT-PM
Zhu, Lin - 620 MT-PM
Zhu, Tong - **344 WTh-PM**
Zhu, Wanlin - 304 WTh-PM
Zhu, Xiao-Hong - 1172 MT-PM, 1220 WTh-PM
Zhu, Zude - **1067 WTh-AM**
Zhuang, Jiancheng - **1056 MT-PM**, 876 MT-PM
Zhuang, Jie - 1070 WTh-PM
Zhuang, Jie - 1075 WTh-AM
Zhuang, Lin - **302 WTh-PM**
Zhuo, Yan - 878 MT-PM
Zhuo, Yue - **1245 WTh-AM**
Zidar, Ignac - 1306 MT-PM
Zidar, Janez - 1306 MT-PM
Ziegler, Erik - **1457 MT-AM**
Ziegler, Gabriel - 1262 WTh-PM, 1458 WTh-PM, **1463 WTh-AM**
Ziegler, Wolfram - 1541 MT-AM, 1542 MT-PM
Zielasek, Jürgen - 17 WTh-AM
Zierhut, Kathrin - 427 MT-AM
Zijdenbos, Alex - 502 WTh-PM
Zijdewind, Inge - 1506 WTh-PM
zilbovicius, monica - 402 WTh-PM
Zilles, David - 714 WTh-PM
Zilles, Karl - 1253 MT-AM, 1349 WTh-AM, 1429 WTh-AM, 1453 WTh-AM, 1462 WTh-PM, 36 MT-PM, 469 MT-AM, 598 WTh-PM, 599 WTh-AM, 712 MT-PM, 76 WTh-PM, 991 WTh-AM
Zilverstand, Anna - 1410 WTh-PM
Zimmer, Andreas - 1412 MT-PM
Zimmer, Claus - 473 MT-AM
Zimmer, Hubert - 1189 WTh-AM, 926 MT-PM
Zimmermann, Christoph - 1525 MT-AM
Zimmermann, Jan - 1323 WTh-AM
Zimmermann, Marius - **1256 MT-PM**
Zink, Caroline - 523 WTh-AM, 689 MT-AM, 772 MT-PM
Zipp, Frauke - 1254 WTh-PM
zirak, Peyman - **836 MT-PM**
Zitman, Frans - 573 WTh-AM, 719 WTh-AM
Zlata, Zvinka - 1341 MT-AM
Zoccatelli, Giada - 321 WTh-AM
Zoethout, Remco W - 1404 MT-PM, 1405 MT-AM
Zohary, Ehud - 1414 WTh-PM
Zohary, Udi - 1488 MT-PM
Zollei, Lilla - 1084 MT-PM, **1087 MT-AM**, **1088 MT-PM**, 875 WTh-AM
Zong, Xiaopeng - **935 WTh-AM**
Zorzi, Marco - 286 MT-PM
Zotter, Sibylle - 424 WTh-PM
Zou, Qihong - 378 MT-PM, 283 WTh-AM
Zoumalan, Charleen - 385 WTh-AM
Zrinzo, Ludvic - 456 MT-PM
Zschenderlein, Katja - 421 MT-AM
Zubiaurre-Elorza, Leire - **763 WTh-AM**
Zubicaray, Greig - 746 WTh-PM, 796 WTh-PM
Zubieta, Jon-Kar - 270 WTh-PM, 291 WTh-AM, 650 MT-PM, 652 MT-PM, 275 WTh-AM, 288 WTh-PM, 666 WTh-PM
Zucker, Robert - 270 WTh-PM, 275 WTh-AM, 288 WTh-PM, 291 WTh-AM
Zumer, Johanna - **1005 WTh-AM**, 993 MT-AM
Zunta-Soares, Giovana - 376 MT-PM
Zuo, Nianming - **841 WTh-AM**
Zuo, Xi-Nian - 1159 MT-AM, 1194 MT-PM, 1195 MT-AM, 1196 MT-PM, **234 WTh-PM**, 286 WTh-PM, 426 WTh-PM, **985 MT-AM**
Zuo, Xinian - 997 MT-AM
Zupone, Giuseppe - 1262 MT-PM
Zurowski, Bartosz - 371 MT-AM
Zvyagintsev, Mikhail - 1197 WTh-AM, 674 MT-PM, 595 WTh-AM, 91 WTh-AM, 945 WTh-AM
Zweynert, Sarah - 20 MT-PM, **646 MT-PM**
Zwiers, Marcel - 730 WTh-PM, 762 WTh-PM, 853 WTh-AM
Zwitsers, Pienie - 1080 WTh-PM, 167 WTh-AM, 42 MT-PM, 695 MT-AM
ygierevicz, Jarostaw - 1224 MT-PM
Zysset, Stefan - 452 WTh-PM