

CART 2014 Schedule of Events

Monday, December 15	
8:30-9:15	Registration in 4th Floor Dirac Science Library Lounge (or online at www.math.fsu.edu/cart2014)
9:15- 9:50	Welcomes: Conference Organizer's Remarks; with Senior Associate Dean Lois Hawkes, College of Arts and Sciences; and Professor Xiaoming Wang, Chair, Department of Mathematics
10:00-10:50	John Ryan <i>From Hermitian Clifford analysis to Subelliptic Dirac operators on odd dimensional spheres and other CR manifolds</i>
11:00-11:50	Paula Cerejeiras <i>Discrete boundary value problems</i>
12:00-2:00	Lunch (on your own - see packet for suggestions and maps)
2:00-2:50	Jesse Gell-Redman <i>Index of the Dirac Operator on Cone Edge Spaces</i>
3:00-3:45	Conference PICTURE (please go directly down to the Dirac Statue); then Coffee Break in 4th Floor Dirac Lounge
3:45-4:35	Tim Raeyemakers <i>The Polynomial Kernel Space of Higher Spin Dirac Operators of Order Three</i>
4:45-5:35	Milton Ferreria <i>Generalized Harmonic Analysis on Möbius, Einstein and Proper Velocity Gyrogroups - Similarities and Differences</i>
Tuesday, December 16	
9:00-9:50	Carmen Judith Vanegas Espinoza <i>On associated spaces in Clifford analysis</i>
10:00-10:25	Chao Ding <i>The Generalized Maxwell Operator D_k</i>
10:30-2:00	TOUR; LUNCH DROP-OFF, PICK-UP, AND RETURN: EOL Vans will pick up participants at DIRAC for a short tour of the National High Field Magnetic Laboratory ("the world's most powerful magnet" when established). Vans will then drop participants at one of the near-campus areas where there are lunch options, and transport participants back to DIRAC.
2:00-2:50	Nelson Faustino <i>The Dirac-Kaehler Approach for Lattices</i>
3:00-3:50	Matvei Libine <i>Feynman Diagrams, Representations of $U(2,2)$ and Quaternionic Analysis</i>
4:00-4:30	Coffee Break
4:30-4:50	John Emanuello (with C. Nolder) <i>Linear Fractional Transformations of The Split Quaternions</i>
5:00-5:25	Kerr Ballenger (with C. Nolder) <i>Conjugate Harmonic Components of Monogenic Functions</i>
6:30-8:30	Banquet at University Center Club
Wednesday, December 17	
9:00-9:50	Mihaela B. Vajiac <i>TBA</i>
10:00-10:30	Narciso Resende Gomes <i>Sparse Sampling in the Bicomplex Setting</i>
10:40-11:30	Craig A. Nolder <i>The Invariant Laplacian</i>
11:30	Coffee and snacks