

Ahmet Emin Tatar

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CITIZENSHIP	Turkey(J-1 visa holder. Lawfully authorized to work in U.S.)
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EDUCATION	Florida State University
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Ph.D. in Pure Mathematics, Summer 2010

- *Dissertation Title:* On Picard 2-Stacks and Length 3 Complexes of Abelian Sheaves
- *Advisor:* Ettore Aldrovandi

M.S. in Pure Mathematics, Fall 2006.

- *Significant Coursework:* Algebra, Topology, Algebraic Geometry, Complex Algebraic Geometry, Algebraic Topology, Homological Algebra.

Université des Sciences et Technologies de Lille, France

M.S. (Diplôme d'Étude Approfondie) in Pure Mathematics, Spring 2004.

- *Master Thesis:* Méthodes Transcendentes (Transcendental Methods)
- *Advisor:* Mohammed Ably

B.S. (Maîtrise) Mathematics, Spring 2003.

- *Senior Project:* Les nombres p-adics (p-adic numbers)
- *Advisor:* Pierre Dèbes

TEACHING EXPERIENCE	Florida State University
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Instructor of Record, prepared syllabus, lecture notes, quizzes, assignments, and tests for

- Discrete Mathematics I (Summer 2009)
- Discrete Mathematics II (Fall 2008, Fall 2009)
- Calculus II (Summer 2007)
- Pre-calculus (Fall 2005, Spring 2006, and Fall 2006)

Recitation Instructor, provided in class support, graded weekly assignments, quizzes and tests for

- Calculus I (Spring 2007)
- Calculus II (Fall 2007, Spring 2008, Spring 2009)
- Business Calculus (Summer 2006)
- College Algebra (Summer 2008, Spring 2005)
- Trigonometry (Summer 2005)
- Mathematics for Fine Arts (Fall 2004)

Substitute,

- Graduate Complex Analysis for 2 weeks (Fall 2009)
- College Algebra for 2 weeks, more than 250 students (Spring 2010)
- Undergraduate Abstract Algebra for 1 week (Spring 2010)

RESEARCH INTEREST	Algebraic Geometry, higher stacks, Homological Algebra and Category Theory, Algebraic Topology.
PUBLICATION	<i>Length 3 Complexes of Abelian Sheaves and Picard 2-Stacks</i> , Adv. Math, doi:10.1016/j.aim.2010.06.012, arXiv:0906.2393.
TALKS AND PRESENTATIONS	<p><i>Tensor Product of Picard Stacks</i>, AMS National Meeting, San Francisco, CA, January 2010. (contributed talk session on Algebraic Geometry).</p> <p><i>Higher Categories, Higher Stacks, and Abelian Sheaves</i>, F.R.A.GME.N.T. Seminar, Colorado State University, December 2009.</p> <p><i>Abelian Sheaf Complexes and Picard 2-Stacks</i>, AMS Western Section Meeting, University of California, Riverside, CA, November 2009 (<i>Special Session on Homotopy Theory and Higher Algebraic Structures</i>).</p> <p><i>Abelian Sheaves and Picard Stacks</i>, Algebra Seminar, Florida Atlantic University, October 2009.</p> <p><i>Complexes of Abelian Sheaves and Picard 2-Stacks</i>, Conference on Homological and Geometric Methods in Algebra, Norwegian University of Science and Technology, Trondheim, Norway, August 2009 (<i>poster presentation</i>).</p>
CONFERENCES AND WORKSHOPS	<p>AMS National Meeting, San Francisco, CA, January 2010.</p> <p>AMS National Meeting, Washington, DC, January 2009.</p>
GRANTS AND AWARDS	<p>Florida State University</p> <ul style="list-style-type: none"> • 2009-2010 Outstanding Teaching Assistant Award Nominee, Spring 2010 • Dwight Goodner Teaching Fellowship, Spring 2009 • Distinguished Teaching Assistant, Spring 2009 • Teaching Assistantship, Mathematics Department, August 2004 - Present
SERVICE	<p>Florida State University</p> <ul style="list-style-type: none"> • <i>Online Calculus Lecture Notes</i>, since Spring 2010: develop Calculus lecture notes that are going to be used at Florida State University by taking into consideration the technological and pedagogical aspects. • <i>Graduate Student Orientation</i>, Summer 2009: coordinated and planned lectures on algebra topics recommended by the faculty. • <i>Graduate Student Seminar Organization</i>, Fall 2008: co-organized activities of interest to other graduate students; initiated a graduate research contest with judges and presentations to enhance presentation quality, motivation, and participation.
PROFESSIONAL AND HONORARY SOCIETIES	<p>Pi Mu Epsilon (Honorary National Mathematics Society)</p> <p>American Mathematical Society (AMS)</p>
COMPUTER SKILLS	Maple, Fortran, LaTeX

LANGUAGES

Turkish(native), French(advanced)

REFERENCES

- Dr. Ettore Aldrovandi (Ph.D. Advisor)
Department of Mathematics, Florida State University
Email: aldrovandi@math.fsu.edu
Phone: (850) 644-9717
- Paolo Aluffi (Research)
Department of Mathematics, Florida State University
Email: aluffi@math.fsu.edu
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- Prof. Steve Bellenot (Teaching)
Department of Mathematics, Florida State University
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- Prof. Mika Seppala (Teaching)
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