

ERIKA MEUCCI

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Personal

Date of Birth: December 11, 1982
Place of Birth: Bologna (Italy)
Nationality: Italian

Education

Current Position :

6TH year Graduate Student in Mathematics at The University of Utah, Salt Lake City (UT), U.S.A.
Advisor: Prof. Mladen Bestvina (University of Utah).

May 2008 :

Master of Science Degree in Mathematics,
The University of Utah, Mathematics Department,
Salt Lake City, Utah, USA.

July 2006 :

Laurea Magistrale Degree in Mathematics (Summa cum Laude),
Alma Mater Studiorum Università di Bologna, Mathematics Department, Bologna, Italy.

Title of dissertation: *Monodromy in Complex Algebraic Geometry* (in Italian).

Thesis Advisors: Prof. Luca Migliorini (University of Bologna).

July 2004 :

Laurea Degree in Mathematics (Summa cum Laude),
Alma Mater Studiorum Università di Bologna, Mathematics Department, Bologna, Italy.

Title of dissertation: *The Braid Group* (in Italian).

Thesis Advisor: Prof. Luca Migliorini (University of Bologna).

July 2001 :

Diploma Scientific High School,
Liceo Scientifico Statale "A. Sabin", Bologna, Italy.

Title of Dissertation: *The Universe* (In Italian).

Research interests

Outer Space, Mapping Class Groups, Teichmüller Space.

Papers :

E. Meucci, *Relative outer automorphisms of free groups*, arXiv:1010.4753.

Languages spoken

Italian (mother language);
 English (Excellent);
 French (Intermediate);
 Spanish (Beginner).

Computer languages and abilities

C++;

\LaTeX , Mathematica.

Employment, University of Utah

Teaching Assistantship

Fall 2007 to Spring 2011

Problem sections and supervising tests and finals for the following courses:

MATH 2250 Ode's and Linear Algebra Fall 2007, Spring 2008

Instructor of the following courses:

MATH 1030	Introduction to Quantitative Reasoning	Spring 2010, Summer 2010
MATH 1010	Intermediate Algebra	Fall 2010, Spring 2011
MATH 1030	Introduction to Quantitative Reasoning	Summer 2011
MATH 1050	College Algebra	Fall 2011

Other Employment

Mathematics Tutor

Summer 2008

Employed as tutor for high school students, High School "E. Fermi", Bologna, Italy. Subjects taught: Euclidean Geometry, Algebra.

Occasionally tutoring high school and undergraduate students in Mathematics.

Conferences, Talks, and Summer Schools

WAGS Fall Meeting, Fort Collins (CO)

Oct. 20-21, 2007.

RTG Workshop on Dynamics on Teichmüller Space, Ann Arbor (MI) *April 11-13, 2008.*

Summer School: Examples of Groups, Columbus (OH)

May 30-June 06, 2008.

Coarse differentiation and large scale geometry of solvable groups, Salt Lake City (UT)

July 28-Aug. 8, 2008

Talk given at the University of Utah.

Title of talk: *Stability of Quasi-Geodesics.*

Summer School: Analysis on Boundaries of Hyperbolic Groups, Bloomington (IN)

Aug. 10-15, 2008

Talk given at the Indiana University.

Title of talk: *Projections to Geodesics and Stability of Quasi-Geodesics.*

TQFTTQC Seminar

Jan. 21, 2009

Talk given at the University of Utah.

Title of talk: *Introduction to the Mapping Class Group.*

G^3 Conference, South Padre Island (TX)

April 2-5, 2009.

RTG Workshop on Geometric Group Theory, Ann Arbor (MI)

April 17-19, 2009.

Topology Festival, Ithaca (NY)

May 7-10, 2009.

University of Bologna (Italy)

May 26, 2009

Title of talk: *Stability in Homology.*

Geometric Group Theory: Davis 60, Bedlewo (Poland)

June 14-20, 2009.

Max Dehn Seminar, University of Utah

May 5, 2010.

Title of talk: *Relative Outer Automorphisms of Free Groups.*

Wasatch Topology Conference, Parkcity (UT)

Aug. 17-19, 2010.

Workshop on the Geometry of the Outer Automorphism Group of a Free Group, Palo Alto (CA)

Oct. 25-29, 2010.

Graduate Conference in Algebra and Topology, Binghamton (NY)

Nov. 6-7, 2010.

Talk given at Binghamton University.

Title of talk: *Relative Outer Space.*

G^3 Conference, Panama City (FL)

March 24-27, 2011.

University of Bologna (Italy)

May 23, 2011

Title of talk: *Outer Space.*

University of Pisa (Italy)

June 1, 2011

Title of talk: *Outer Space and Relative Outer Space.*

Wasatch Topology Conference, Parkcity (UT)

Aug. 15-17, 2011.

Graduate Colloquium

University of Utah

Nov. 18, 2008.

Title of talk: *Braid Groups.*

University of Utah

Title of talk: *Introduction to the Mapping Class Groups of Surfaces.*

Nov. 24, 2009.

University of Utah

Title of talk: *Introduction to Outer Space.*

Nov. 15, 2011.

Undergraduate Colloquium

University of Utah

Title of talk: *Classification of Conics.*

September 14, 2011.