

Dragos Deliu

University of Pennsylvania

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Information

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Education

- 2005-Present **University of Pennsylvania, Philadelphia, USA.**
PhD in Mathematics, May 2011, Advisor: Tony Pantev
Thesis: Homological Projective Duality for $\text{Gr}(3,6)$
Research Interests: Algebraic Geometry and Homological Algebra
- 2004–2005 **Normal Superior School, Bucharest, Romania.**
MSc in Mathematics, June 2005 Advisor: Paltin Ionescu
Masters Thesis: Syzygies and Applications to Algebraic Geometry
- 2000–2004 **Faculty of Mathematics and Computer Science, University of Bucharest, Bucharest, Romania.**
Bsc, June 2004 Advisor: Dorin Popescu
Senior Thesis: Methods of Characteristic p in Commutative Algebra: Homological and Intersection theorems
GPA: 10 on a scale from 1 to 10

Honors and Awards

- 2011 Penn Prize for Excellence in Teaching, University of Pennsylvania
- 2011 Moez Alimohamed Teaching Award, University of Pennsylvania
- 2005-2011 Benjamin Franklin Fellowship, University of Pennsylvania
- 2010 Good Teaching Award, University of Pennsylvania
- 2010 PFP Instructor, University of Pennsylvania
- 2010 Good Teaching Award, University of Pennsylvania
- 2009 Good Teaching Award, University of Pennsylvania
- 2004-present Member of the Institute of Mathematics of the Romanian Academy, Bucharest, Romania
- 2000-2004 Performance Scholarship, University of Bucharest - awarded for the best academic record
- 2002-2004 Scholarship from Normal Superior School Bucharest, Romania

Talks and Presentations

- 2011 Homological Projective Duality for $\text{Gr}(3,6)$
University of Pennsylvania

- 2010 Homological Projective Duality for $\text{Gr}(3,6)$
Midwest Algebraic Geometry Conference for Graduate Students, University of Wisconsin-Madison
- 2010 Homological Projective Duality for $\text{Gr}(3,6)$ (poster presentation)
AGNES Workshop, University of Massachusetts, Amherst
- 2009 Noncommutative Projective Geometry (two talks)
Graduate Student Algebra Seminar, University of Pennsylvania
- 2009 Classical Projective Duality
Graduate Student Pizza Seminar, University of Pennsylvania
- 2008 Mirror Symmetry for the Quintic Threefold
Mirror Symmetry Student Seminar, University of Pennsylvania
- 2008 Lefschetz decompositions and Homological Projective Duality (four talks)
Noncommutative Geometry Study Seminar, University of Pennsylvania

Teaching Experience

- Summer 2011 TA, Math 104 Online Session
- Spring 2011 TA, Math 371 Algebra
- Spring 2011 Grader, Math 313/513 Computational Linear Algebra
- Fall 2010 TA, Math 502 Algebra
- Fall 2010 TA, Math 360 Analysis
- Summer 2010 Instructor, PreFreshman Program at University of Pennsylvania, Math 104 Calculus I
- Summer 2010 TA, Math 104 Online Session
- Spring 2010 TA, Math 549 Topics in Analysis
- Fall 2009 Grader, Math 602 Algebra
- Summer 2009 Instructor, Math 114 Calculus II
- Summer 2008 Instructor, Math 114 Calculus II
- Spring 2008 TA, Math 370 Algebra
- Fall 2007 TA, Math 104 Calculus I
- Spring 2007 TA, Math 114 Calculus I
- Fall 2006 TA, Math 115 Calculus II with Probability and Matrices

Conferences and Workshops Attended

- 2011 String-Math 2011, University of Pennsylvania, June 6-11
- 2011 Workshop on Homological Mirror Symmetry and Related Topics, University of Miami, January 24-29
- 2010 Midwest Algebraic Geometry Conference for Graduate Students, University of Wisconsin-Madison, October 23-24
- 2010 Fall 2010 AGNES Workshop, University of Connecticut, Storrs, CT, September 24-26
- 2010 Spring 2010 AGNES Workshop, University of Massachusetts, Amherst, MA, April 9-11
- 2010 Workshop on Homological Mirror Symmetry and Related Topics, University of Miami, January 18-23
- 2009 RTG Graduate Summer School "Geometry of Quantum Fields and Strings", University of Pennsylvania, Philadelphia, PA, June 8-20
- 2008 Algebro-Geometric Derived Categories and Applications, Institute for Advanced Study, March 10-14

- 2007 Derived Categories in Mathematics and Physics, Snowbird Resort, Utah, June 16-21
2007 MSRI, Derived Categories in Algebraic Geometry, University of Utah, June 4-16
2006 Recent Developments in Higher Dimensional Algebraic Geometry, John Hopkins University, Baltimore, March 12-16
2004 School on Commutative Algebra and Interactions with Algebraic Geometry and Combinatorics, International Center of Theoretical Physics "Abdus Salam", May 24 - June 11, Trieste, Italy
2003 Mathematics Summer School-Algebraic Geometry and Algebraic Topology, July 22-September 1, Perugia, Italy

Languages

Romanian	Native
English	Fluent
French	Working Knowledge
Italian	Working Knowledge

Personal

Civil Status	Married
Citizenship	Romania

References

- Tony Pantev University of Pennsylvania, tpantev@math.upenn.edu (thesis advisor)
Ron Donagi University of Pennsylvania, donagi@math.upenn.edu
Alexander Kuznetsov Steklov Mathematical Institute, Moscow, Russia, akuznet@mi.ras.ru
Eric Sharpe Virginia Tech University, ersharpe@phys.vt.edu
Antonella Grassi University of Pennsylvania, grassi@math.upenn.edu (teaching)
Wolfgang Ziller University of Pennsylvania, wziller@math.upenn.edu (teaching)