

PARKER E. LOWREY

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Nationality: USA

Education:

- 2003- Ph.D., Mathematics, University of Texas at Austin.
 Thesis: "Automorphisms of the Derived Categories of N-gons".
 Supervisor: David Ben-Zvi.
 Expected Spring 2009.
- 1997-2000 B.S. (Cum Laude), Biochemistry, Tulane University.

Research Interests:

Aspects of Algebraic Geometry including but not limited to derived categories and homotopical algebra.

Honors, Awards, and Grants:

- 2009 Spring Geometry RTG Grant
2008 Spring Geometry RTG Grant
2007 Spring Vigre Fellowship
2004 Summer Vigre Fellowship

Teaching Experience:

- 2007 Fall Instructor for Precalculus (M505G) at UT-Austin.
2003-2004 Teaching Assistant for Calculus and Linear Algebra at UT-Austin.

Prepared Talks:

- Introduction to ∞ -categories.* GADGET Seminar. University of Texas at Austin, October 2008.
The Dold-Kan Correspondence. GADGET Seminar. University of Texas at Austin, September 2008.
Introduction to D-Modules. D-bundles and Integrable Hierarchies Workshop. University of Michigan, May 2007.
The Jones Polynomial and Braided Tensor Categories. Khovanov Winter Workshop. University of Texas at Austin, January 2007.
The KP Hierarchy and Holomorphic Curves. Candidacy Exam. University of Texas at Austin, November 2005

Professional Activities

- March 2008 Attended "Spring School on Holomorphic Symplectic Manifolds and Derived Categories", Gargnano del Garda, Italy.
- May 2007 Attended "Trends in Noncommutative Geometry", Northwestern University.
- May 2007 Attended "D-bundles and Integrable Hierarchies Workshop", University of Michigan.
- May 2006 Attended "SL(2,R), a Minicourse" at the University of Utah.
- Fall 2005 Co-organized (w/ Nicolas Proudfoot) a seminar based on N. Chriss and V. Ginzburg's "Representation Theory and Complex Geometry"
- July-August 2005 Attended "AMS Summer Institute in Algebraic Geometry", Seattle, WA.
- June-July 2005 Organized a graduate student seminar based on Pressely and Segal's "Loop Groups"
- February 2005 Attended Talbot Workshop on The Geometric Langlands Program.