

Tong Li

CONTACT INFORMATION	Department of Mathematics University of Pennsylvania David Rittenhouse Laboratory 209 South 33rd Street Philadelphia, PA 19104 USA	(267)252-3787 litong@math.upenn.edu http://www.math.upenn.edu/~litong/
PERSONAL INFORMATION	Date of Birth: October 3, 1987 Place of Birth: Tianjin, China Nationality: P.R.China	
RESEARCH INTERESTS	Algebraic geometry, differential geometry and applications to physics. I'm especially interested in Hodge theory, parabolic bundles, and string theory.	
EDUCATION	Department of Mathematics, University of Pennsylvania Ph.D. Candidate, Mathematics (expected May 2014) <ul style="list-style-type: none">• Dissertation Topic: Algebraic construction of generalized monopoles via Fourier-Mukai transform• Advisor: Tony Pantev Department of Mathematics, Peking University B.S. in Mathematics with Honors, May 2009 <ul style="list-style-type: none">• Advisor: Jinxing Cai	
TALKS	<i>Toric sheaf cohomology</i> , Toric Seminar, University of Pennsylvania. (April 2012) <i>Steiner's Problem and Enumerative Geometry</i> , Pizza Seminar, University of Pennsylvania. (November 2013)	
TEACHING EXPERIENCE	Fall 2010 Spring 2011 Fall 2011 Spring 2012 Summer 2013 Fall 2013	Calculus I (Integration and Series), Teaching Assistant for Prof. Jayant Lal Analytic Methods in Economics, Law, and Medicine, Teaching Assistant for Dr. Jeffrey Jauregui Calculus II (Multivariable Calculus), Teaching Assistant for Dr. Andrew Cooper Calculus IV (PDE and Complex Analysis), Teaching Assistant for Dr. Andrew Cooper Calculus IV (PDE and Fourier Analysis), Instructor Calculus IV (PDE and Fourier Analysis), Teaching Assistant for Prof. Tony Pantev
HONORS AND AWARDS	2005–2006 2006–2007 2007–2008 2008–2009 2009–2014 Fall 2013	Scholarship for Freshmen Wu Si Scholarship Guang Hua Scholarship Li Huirong Scholarship Benjamin Franklin Fellowship Good Teaching Award Peking University Peking University Peking University Peking University University of Pennsylvania University of Pennsylvania

CONFERENCES PARTICIPATION	October 2010	Dynamical Systems and Related Topics Workshop, Penn State University
	June 2011	String-Math 2011, University of Pennsylvania
	April 2013	AMS Sectional Meeting, Boston College
	May 2013	Hodge Theory and Classical Algebraic Geometry, Ohio State University
	October 2013	AMS Sectional Meeting, Temple University

SERVICE TO THE UNIVERSITY	Fall 2012	Holding Sunday Reviews on undergraduate math
	Spring 2013	Undergraduate Tutor at UPenn Math Center

RELEVANT SKILLS	Languages:	Chinese(Native), English(Fluent)
	Softwares:	C, Maple, Mathematica, Matlab, Sage

REFERENCES	Tony Pantev: Professor of Mathematics, Department of Mathematics, University of Pennsylvania, tpantev@math.upenn.edu
	Ron Donagi: Professor of Mathematics, Department of Mathematics, University of Pennsylvania, donagi@math.upenn.edu
	Jonathan Block: Professor of Mathematics, Department of Mathematics, University of Pennsylvania, blockj@math.upenn.edu