

Dan Xie

CONTACT INFORMATION	307-A Holden Green Cambridge, Boston MA, 02138, USA	<i>Fax:</i> (617) 495-5132 <i>Phone:</i> (979) 587-0669 <i>E-mail:</i> dxie@cmsa.fas.harvard.edu
EMPLOYMENT	<ul style="list-style-type: none">• Postdoc, Math and Physics department, Harvard University• Member, Institute for Advanced Study, Princeton	Sept. 2014- Sept. 2011-Sept. 2014
EDUCATION	Ph.D., Physics, Texas A&M University, 2011 <ul style="list-style-type: none">• Thesis: “Aspects of $\mathcal{N} = 2$ Quantum Field Theory” B.A., Physics, Zhejiang University, China, 2005	
RESEARCH INTERESTS	Quantum field theory in various dimensions, string theory and mathematical physics.	
SELECTED TALKS	<ul style="list-style-type: none">• <i>Stability of chiral ring</i>, Perimeter institute, November• <i>K stability and $N = 1$ dynamics</i>, Harvard physics department• <i>Toroidal compactification of six dimensional $(1, 0)$ theory</i>, Caltech• <i>Toroidal compactification of six dimensional $(1, 0)$ theory</i>, Harvard• <i>Singularity and four dimensional $N = 1$ and $N = 2$ theory</i>, Harvard• <i>$N = 1$ curve</i>, University of Texas at Austin,• <i>$N = 1$ curve</i>, Harvard physics department,• <i>Line operators and duality</i>, Simons Workshop• <i>$M5$ brane and four dimensional $\mathcal{N} = 1$ theory</i>, KITP• <i>$M5$ brane and four dimensional $\mathcal{N} = 1$ theory</i>, Berkeley• <i>$M5$ brane and four dimensional $\mathcal{N} = 1$ theory</i>, Stony Brook• <i>Overview of cluster algebra and its application to physics</i>, Brown• <i>$M5$ brane and four dimensional $\mathcal{N} = 1$ theory</i>, Harvard• <i>Higher laminations, webs and $\mathcal{N} = 2$ line operators</i>, SISSA• <i>Constructing BPS quiver</i>, Rutgers• <i>Higher laminations and $\mathcal{N} = 2$ line operators</i>, IAS• <i>BPS spectrum, wall crossing and quantum dilogarithm</i>, Caltech• <i>BPS spectrum, wall crossing and quantum dilogarithm</i>, Berkeley• <i>BPS spectrum, wall crossing and quantum dilogarithm</i>, KIAS• <i>Argyres-Douglas theory</i>, Simons Workshop• <i>General Argyres-Douglas theory</i>, IPMU• <i>General Argyres-Douglas theory</i>, Caltech• <i>Cluster algebra and $\mathcal{N} = 2$ theory</i>, IAS• <i>General Argyres-Douglas theory</i>, IAS• <i>General Argyres-Douglas theory</i>, University of Texas	2015 September 2015 May 2015 April 2015 April 2015 March 2015 September 2014 August 2014 March 2014 March 2014 February 2014 February 2014 December 2013 March 2013 March 2013 February 2013 January 2013 November 2012 September 2012 August 2012 May 2012 May 2012 December 2011 December 2011 April 2011
TEACHING EXPERIENCE	Graduate Teaching Assistant at Texas A&M University <ul style="list-style-type: none">• PHY 201 College Physics I• PHY 202 College Physics II• PHY 208 Electricity and Optics• PHY 606 Quantum Mechanics I• PHY 624 Quantum Mechanics II	2005-2010