

# Venkata Sai Narayana Bavisetty

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CONTACT INFORMATION	Department of Mathematics University of Illinois at Urbana-Champaign	<i>phone:</i> (217) 693-9653 <i>email:</i> vb8@illinois.edu
EDUCATION	Doctor of Philosophy, Mathematics University of Illinois at Urbana-Champaign,	August 2017- <i>Present</i>
	5 Year Integrated M.Sc. Mathematics (Masters) Indian Institute of Technology Bombay <i>CPI (Cumulative Performance Index)</i> -9.59/10 Master's Project: <i>The Heat Kernel approach to the Index theorem</i> Supervised my Akhil Ranjan and MS Raghunathan	August 2012-August 2017
TEACHING EXPERIENCE	Worked as Teaching Assistant for <b>Calculus III MATH 241</b> in <i>Spring 2018</i> and <i>Fall 2018</i> . Worked as Teaching Assistant for <b>Differential Equations II MA 207</b> in <i>Autumn 2014</i> and <i>2015</i> . Worked as Teaching Assistant for <b>Complex Analysis MA 205</b> in <i>Autumn 2014</i> .	
TALKS	<b>An introduction to Ratner's theorem</b> Graduate geometry and topology seminar, University of Illinois Urbana-Champaign, USA.	Oct 2018
	<b>Ergodic theory and Mostow Rigidity</b> Graduate geometry learning seminar, University of Illinois Urbana-Champaign, USA. (Joint talks with Cameron Rudd)	Sep 2018
	<b>Tale of an Exotic Sphere</b> Graduate homotopy theory seminar, University of Illinois Urbana-Champaign, USA.	Apr 2018
	<b>H-principle for symplectic structures</b> Graduate geometry learning seminar, University of Illinois Urbana-Champaign, USA.	Oct 2017
	<b>Cohomology theories and Formal group laws</b> Indian Institute of Technology Bombay, India.	Apr 2017
	<b>Steenrod Squares: Construction and Properties</b> Indian Institute of Technology Bombay, India.	Feb 2017
	<b>De Rham's theorem using Sheaf Cohomology</b> Indian Institute of Technology Bombay, India.	Sep 2016
	<b>Lefschetz Fixed Point theorem</b> Indian Institute of Technology Bombay, India.	Mar 2016
	<b>Whitney's Approximation Theorem</b> Indian Institute of Technology Bombay, India.	Oct 2015
	<b>Schwarz Christoffel Formula</b> Indian Institute of Technology Bombay, India.	Mar 2015

CONFERENCES AND WORKSHOPS	<i>Midwest Topology Seminar</i> University of Kentucky, Kentucky	Sep 2018
	<i>RTG Workshop on the Geometry and Physics of Higgs bundles III</i> University of Illinois, Chicago	Jun 2018
	<i>Chromatic Homotopy Theory: Journey to the Frontier</i> University of Colorado, Boulder	May 2018
	<i>Midwest Topology Seminar</i> Indiana University, Bloomington	Apr 2018
	<i>Graduate Student Topology and Geometry Conference</i> University of Illinois, Chicago	Apr 2018
	<i>No Boundaries: Groups in Algebra, Geometry, and Topology</i> University of Chicago, Chicago.	Oct 2017
	<i>Workshop on h-principle</i> Indian Statistical Institute, Kolkata	May 2017
	<i>Workshop on Differential Geometry</i> Indian Institute of Technology, Bombay	May 2016