Deewang Bhamidipati

Contact Information	Mathematics Department University of California, Santa Cruz	Email: bdeewang@ucsc.edu Website: bdeewang.com

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Education

University of California, Santa Cruz	*California, USA*
Ph.D. in Mathematics Advisor: *Junecue Suh*	September 2019 – *present*
M.A. in Mathematics	August 2020
Higher School of Economics	*Moscow, Russia*
M.Sc. in Mathematics Advisor: *Vadim Vologodsky*	June 2019
Shiv Nadar University	*Uttar Pradesh, India*
B.Sc. (Research) in Mathematics Specialisation in Applied Algebra	May 2016

External Talks

A Non-Archimedean Volume of Hilbert Scheme of Points *The Mathematics Society Seminar, Shiv Nadar University*	August 2019

Internal Talks

Demystifying the p-adics *Graduate Student Colloquium, University of California, Santa Cruz*	November 2020
A First Introduction to Motivic Integration *Geometric Structures on Manifolds Seminar, Higher School of Economics*	June 2019
p-adic Integration and Betti Numbers of Calabi-Yau Varieties *Geometric Structures on Manifolds Seminar, Higher School of Economics*	December 2018
Mordell's Theorem *Graduate Student Seminar, Higher School of Economics*	May 2018
Derivative of a Number *The Mathematics Society Seminar, Shiv Nadar University*	September 2015

Teaching

MATH 110 – Introduction to Number Theory *Instructor of Record*	*UC Santa Cruz* Fall 2021, Summer 2021
MATH 111T – Algebra *Teaching Assistant*; Fellowship under SEMILLA Teach	*UC Santa Cruz* Spring 2021
MATH 100 – Introduction to Proof and Problem Solving *Teaching Assistant*; Fellowship under SEMILLA Teach	*UC Santa Cruz* Winter 2021
MATH 105A – Real Analysis *Instructor of Record*	*UC Santa Cruz* Fall 2020
MATH 3 – Precalculus *Instructor of Record* *Teaching Assistant*	*UC Santa Cruz* Summer 2020 Spring 2020, Fall 2019
MATH 181 – History of Mathematics *Teaching Assistant*	*UC Santa Cruz* Winter 2020

MAT260 – Linear Algebra		*Shiv Nadar University*
Teaching Assistant		Fall 2015
Tutor, Learning & Academic Support Centre		Spring 2015
MAT284 – Probability and Statistics		*Shiv Nadar University*
Tutor, Learning & Academic Support Centre		Spring 2015
MAT101 – Calculus I		*Shiv Nadar University*
Tutor, Learning & Academic Support Centre		Fall 2014

<table>
<tr><td rowspan="16">Summer Programmes, Workshops & Conferences</td></tr>
<tr><td>Hodge Theory and p-adic Hodge Theory (CIMPA Research School)
CIMAT, Guanajuato, Mexico (Remote)</td><td>August 2021</td></tr>
<tr><td>Rational Curves and Moduli Spaces in Arithmetic Geometry
PRIMA 2021 Summer School (Remote)</td><td>August 2021</td></tr>
<tr><td>Graduate Summer School at PCMI
Number Theory Informed by Computation (Week 3)
Motivic Homotopy Theory (Week 1)
IAS/PCMI, Park City, Utah, USA (Remote)</td><td>July 2021</td></tr>
<tr><td>Rethinking Number Theory
Topic: Invariants of p-torsion in characteristic p
Leader: Soumya Sankar</td><td>July 2021</td></tr>
<tr><td>RTG (Number Theory and Arithmetic Geometry) Research Workshop
University of California, Berkeley, USA (Remote)</td><td>June 2021</td></tr>
<tr><td>Sparsity of Algebraic Points, MSRI Summer Graduate School
MSRI, Berkeley, California, USA (Remote)</td><td>June 2021</td></tr>
<tr><td>Rational Points and Galois Representations
University of Pittsburgh, USA (Remote)</td><td>May 2021</td></tr>
<tr><td>Unlikely intersections, Diophantine geometry, and related fields
University of Reading, UK (Remote)</td><td>April 2021</td></tr>
<tr><td>Madison Moduli Weekend
University of Wisconsin-Madison, USA (Remote)</td><td>September 2020</td></tr>
<tr><td>Chicago Number Theory Day 2020
University of Illinois, Chicago, USA (Remote)</td><td>June 2020</td></tr>
<tr><td>CTNT Conference
University of Connecticut, USA (Remote)</td><td>June 2020</td></tr>
<tr><td>Connecticut Summer School in Number Theory (CTNT)
University of Connecticut, Connecticut, USA (Remote)</td><td>June 2020</td></tr>
<tr><td>International Conference on Number Theory
IISER, Thiruvananthapuram, India</td><td>March 2019</td></tr>
<tr><td>Summer Programme in Mathematics (SPIM)
Harish-Chandra Research Institute (HRI), Allahabad, India</td><td>June 2015</td></tr>
<tr><td>Mathematics Training and Talent Search (MTTS), Level O
Regional Institute of Education, Mysore, India</td><td>May – June 2014</td></tr>
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Service & Organizing	**Graduate Student Researcher**	*CITL, UC Santa Cruz*
	Redesigning Calculus in the Life Sciences	Summer 2021
	Fellowship under the GANAS-Career Pathways grant	

	Summer GSI Peer Support Team	*CITL, UC Santa Cruz*
	Member	Spring – Summer 2021
	Directed Reading Program	*UC Santa Cruz*
	Co-organiser, with Nathan Marianovsky	March 2021 – *present*
	Graduate Student Colloquium, Mathematics Department	*UC Santa Cruz*
	Co-organiser, with David Rubinstein	December 2020 – *present*
	Association for Women in Mathematics Chapter	*UC Santa Cruz*
	Member, Webmaster	November 2020 – *present*
	Mathematics Department Diversity & Inclusion Committee	*UC Santa Cruz*
	Member	October 2020 – *present*

OUTREACH	**Directed Reading Program**	*UC Santa Cruz*
	Mentor, *Introduction to Elliptic Curves*, Anna Yoon	Winter 2020
	Duke Talent Identification Program (Duke TIP)	*Shiv Nadar University*
	Residential Counselor	May 2015

PROFESSIONAL DEVELOPMENT	**Preparing for Inclusive Teaching** Workshop	September 2020, 2019
	CITL, HSI Initiatives, Mathematics Department	
	University of California, Santa Cruz	
	Graduate Certificate in Course Design & Delivery	Spring 2020
	Center for Innovations in Teaching and Learning (CITL),	
	University of California, Santa Cruz	
	Integrated Course Design for Remote Instruction	Spring 2020
	Online Education (OE), University of California, Santa Cruz	
	Graduate Certificate in Teaching for Equity	Spring 2020
	Center for Innovations in Teaching and Learning (CITL),	
	University of California, Santa Cruz	

AWARDS & SCHOLARSHIPS	**State Funded Scholarship, Higher School of Economics**	2017 – 2019
	Full Merit Scholarship, Shiv Nadar University	2012 – 2016

MEMBERSHIPS	**Association for Women in Mathematics**	February 2021 – *present*
	American Mathematical Society	October 2019 – *present*

LANGUAGES	*English, Hindi, Telugu*	