Deewang Bhamidipati

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

EDUCATION

University of California, Santa Cruz — *California, USA*
Ph.D. in Mathematics — September 2019 – *present*
Advisor: *Junecue Suh*

M.A. in Mathematics — August 2020

Higher School of Economics — *Moscow, Russia*
M.Sc. in Mathematics — June 2019
Advisor: *Vadim Vologodsky*

Shiv Nadar University — *Uttar Pradesh, India*
B.Sc. (Research) in Mathematics — May 2016
Specialisation in Applied Algebra

INTERNAL TALKS

* REMOTE

Cohomology on Sites* — January 2022
Graduate Student Colloquium, University of California, Santa Cruz

Fundamental Groups: Topological, Étale, Tannakian* — October 2021
Graduate Student Colloquium, University of California, Santa Cruz

Demystifying the p-adics* — November 2020
Graduate Student Colloquium, University of California, Santa Cruz

A First Introduction to Motivic Integration — June 2019
Geometric Structures on Manifolds Seminar, Higher School of Economics

p-adic Integration and Betti Numbers of Calabi-Yau Varieties — December 2018
Geometric Structures on Manifolds Seminar, Higher School of Economics

Mordell's Theorem — May 2018
Graduate Student Seminar, Higher School of Economics

Derivative of a Number — September 2015
The Mathematics Society Seminar, Shiv Nadar University

EXTERNAL TALKS

* REMOTE

What is... a scheme?* — October 2021
What is... a seminar?

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

PROGRAMMES, WORKSHOPS & CONFERENCES
(selected)

* REMOTE

Automorphic Forms Beyond GL$_2$**, Arizona Winter School** — March 2022
University of Arizona, Tuscon, USA

Hodge Theory and p-adic Hodge Theory (CIMPA Research School)* — August 2021
CIMAT, Guanajuato, Mexico

Rational Curves and Moduli Spaces in Arithmetic Geometry* — August 2021
PRIMA 2021 Summer School

Graduate Summer School at PCMI* July 2021
Number Theory Informed by Computation (Week 3)
Motivic Homotopy Theory (Week 1)
IAS/PCMI, Park City, Utah, USA

Rethinking Number Theory* July 2021
Topic: *Invariants of p-torsion in characteristic p*
Leader: *Soumya Sankar*

RTG (Number Theory and Arithmetic Geometry) Research Workshop* June 2021
University of California, Berkeley, USA

Sparsity of Algebraic Points, **MSRI Summer Graduate School*** June 2021
MSRI, Berkeley, California, USA

Rational Points and Galois Representations* May 2021
University of Pittsburgh, USA

Unlikely intersections, Diophantine geometry, and related fields* April 2021
University of Reading, UK

CTNT Conference* June 2020
University of Connecticut, USA

Connecticut Summer School in Number Theory (CTNT)* June 2020
University of Connecticut, Connecticut, USA

TEACHING	**UNIVERSITY OF CALIFORNIA, SANTA CRUZ**	
* REMOTE	*Instructor of Record* **MATH 11B – Calculus with Applications**	Summer 2022*
	MATH 100 – Introduction to Proof and Problem Solving	Summer 2022*
	MATH 103A – Complex Analysis	Spring 2022
	MATH 110 – Introduction to Number Theory	Fall 2021
	MATH 110 – Introduction to Number Theory	Summer 2021*
	MATH 105A – Real Analysis	Fall 2020*
	MATH 3 – Precalculus	Summer 2020*

Teaching Assistant **MATH 11A – Calculus with Applications**		Winter 2022
MATH 111T – Algebra		Spring 2021*
(Fellowship under SEMILLA Teach)		
MATH 100 – Introduction to Proof and Problem Solving		Winter 2021*
(Fellowship under SEMILLA Teach)		
MATH 3 – Precalculus		Spring 2020*
MATH 181 – History of Mathematics		Winter 2020
MATH 3 – Precalculus		Fall 2019

SHIV NADAR UNIVERSITY

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

SERVICE & ORGANIZING	**Reading Groups and Learning Seminars**	*UC Santa Cruz*
	Category Theory Learning Seminar	
	Co-organiser, with Vaibhav Sutrave, David Rubinstein	Winter – Spring 2022

Étale Cohomology
Co-organiser, with Shane Kennerly, Malachi Alexander | Fall 2021

A Course in Arithmetic by J.-P.Serre
Organiser | Summer 2020, Winter 2020

Mathematics Department Peer Mentorship Program | *UC Santa Cruz*
Co-organiser, with David Rubinstein, Jennifer Guerrero, Ryan Pugh | August 2021 – *present*

Directed Reading Program | *UC Santa Cruz*
Co-organiser, with Nathan Marianovsky | August 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, Organizing Committee | November 2020 – *present*

Mathematics Department Diversity & Inclusion Committee | *UC Santa Cruz*
Member | October 2020 – *present*

Graduate Student Researcher | *CITL, UC Santa Cruz*
Redesigning Calculus in the Life Sciences | Summer 2021
Fellowship under the GANAS-Career Pathways grant

CITL Summer Peer Support Fellowship | *CITL, UC Santa Cruz*
Member, Peer Support Team | Spring – Summer 2021

OUTREACH

Directed Reading Program | *UC Santa Cruz*
Mentor, Miles Mitchell
AFFINE GROUP SCHEMES | Spring 2022
Mentor, Morea Lee
GALOIS THEORY OVER $\mathbf{Q}$ | Winter 2022
Mentor, Yijia Sun
LINEAR ERROR CORRECTION CODES | Fall 2021
Mentor, Anna Yoon
INTRODUCTION TO ELLIPTIC CURVES & ELLIPTIC CURVE CRYPTOGRAPHY | Winter 2020

Twoples
Mentor, Bowen Li (Carleton College)
JOURNEY THROUGH CATEGORY THEORY | January – April 2022
Mentor, Lalit Mohan Sharma (University of Delhi)
NUMBER THEORY OF NUMBER FIELDS | January – April 2022
INTRODUCTION TO ALGEBRAIC GEOMETRY: VARIETIES | August – December 2021

Panelist, The Roles and Contributions of TAs | *UC Santa Cruz*
Graduate Preparation Program 2021 | August 2021

Panelist, Graduate Student Perspectives: A Year in Review |
Lunch in the Time of COVID | May 2021

Duke Talent Identification Program (Duke TIP) | *Shiv Nadar University*
Residential Counselor | May 2015

PROFESSIONAL DEVELOPMENT

Preparing for Inclusive Teaching Workshop | *UC Santa Cruz*
CITL, HSI Initiatives, Mathematics Department | September 2020, 2019

Graduate Certificate in Course Design & Delivery | *UC Santa Cruz*
Center for Innovations in Teaching and Learning (CITL) | Spring 2020

Integrated Course Design for Remote Instruction | *UC Santa Cruz*
Online Education (OE) | Spring 2020

Graduate Certificate in Teaching for Equity | *UC Santa Cruz*
Center for Innovations in Teaching and Learning (CITL) | Spring 2020

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 (Hindustani), Telugu, Japanese (Beginner)