

SUMMER GRADUATE SCHOOLS

2026

SLMath Summer Graduate Schools are residential programs (usually two weeks in length) for graduate students from SLMath Academic Sponsors and other U.S. institutions, providing students with the opportunity to learn from the top researchers in their fields.

SUMMER 2026 · BERKELEY, CA & WORLDWIDE Simons Laufer Mathematical Sciences Institute (SLMath)

SLMath (formerly known as MSRI) will host 10 Summer Graduate Schools in California and at partner institutions around the globe.

ELIGIBILITY

Graduate students from SLMath Academic Sponsoring Institutions or from the Department of Mathematics of any U.S. institution are eligible to be nominated.

SLMath is strongly committed to expanding the opportunities in the mathematical sciences to everyone.

HOW TO APPLY

Graduate students must be nominated by their Director of Graduate Studies during the enrollment period of December 1, 2025 through February 1, 2026. Admission is on a first-come, first-served basis up to the limits of the capacity of the school. Early nominations are not accepted.

FINANCIAL SUPPORT

SLMath covers local expenses as well as partial travel expenses for accepted students.

Nominations open on December 1, 2025

slmath.org/summer-schools



SIMONS LAUFER

MATHEMATICAL SCIENCES INSTITUTE



National Science Foundation

MONTREAL, CANADA:

**Centre de recherches
mathématiques (CRM)**

May 4-15, 2026

Séminaire de Mathématiques Supérieures 2026: Universal Statistics in Number Theory

Organizers:

- Louis-Pierre Arguin, U. de Montréal
- Andrew Granville, U. de Montréal
- Wei Ho, Institute for Advanced Study
- Dimitris Koukoulopoulos, U. de Montréal
- Matilde Lalin, U. de Montréal
- Carlo Pagano, Concordia U.
- Frank Thorne, U. of South Carolina

NEW YORK, NEW YORK: **Columbia University**

June 8-19, 2026

Percolation and Lattice Models of Statistical Physics

Organizers:

- Roland Bauerschmidt, NYU Courant Institute
- Tom Hutchcroft, California Institute of Technology

BERKELEY, CALIFORNIA: **SLMath**

June 8-18, 2026

Geometric Measure Theory

Organizers:

- Camillo De Lellis, Institute for Advanced Study
- Guido De Philippis, Hausdorff Research Institute for Mathematics, U. of Bonn

** denotes lead organizer.*

TRIESTE, ITALY:

**Abdus Salam International Centre
for Theoretical Physics (ICTP)**

June 15-26, 2026

ICTP-INdAM-SLMath School: Mathematics For Machine Learning

Organizers:

- Claudio Arezzo, Abdus Salam International Centre for Theoretical Physics
- Jean Barbier, Abdus Salam International Centre for Theoretical Physics
- Filippo Bracci, U. di Roma Tor Vergata
- Domenico Marinucci*, U. di Roma Tor Vergata
- Cristina Trombetti, CSEF and U. degli Studi di Napoli Federico II

BERKELEY, CALIFORNIA: **University of California, Berkeley**

June 15-26, 2026

Random Growth Models, Phase Separation and Hamilton- Jacobi PDE

Organizers:

- Alan Hammond, UC Berkeley
- Fraydoun Rezakhanlou, UC Berkeley

OKINAWA, JAPAN: **Okinawa Institute of Science and Technology**

June 22 - July 3, 2026

SLMath-Oxford-OIST School: Analysis of Partial Differential Equations

Organizers:

- Ugur Abdulla, Okinawa Institute of Science and Technology
- Gui-Qiang Chen, University of Oxford

BERKELEY, CALIFORNIA:

SLMath

June 22 - July 3, 2026

Mathematics of Generative Models

Organizers:

- Jianfeng Lu, Duke University
- Eric Vanden-Eijnden, NYU Courant Institute

YORKTOWN, NEW YORK: **IBM Thomas J. Watson Research Center**

July 6-17, 2026

Dynamical Systems for Machine Learning and AI

Organizers:

- Haoyang Cao, Johns Hopkins U.
- Soumyadip Ghosh, IBM Thomas J. Watson Research Center
- Yingdong Lu*, IBM Thomas J. Watson Research Center
- Tomasz Nowicki, IBM Thomas J. Watson Research Center
- Yunan Yang, Cornell University

BERKELEY, CALIFORNIA: **SLMath**

July 6-17, 2026

Singularities in Commutative Algebra Through Cohomological Methods

Organizers:

- Benjamin Briggs, Imperial College, London
- Eloisa Grifo, U. of Nebraska
- Josh Pollitz, Syracuse U.

BERKELEY, CALIFORNIA: **SLMath**

July 20-31, 2026

Moduli of Varieties

Organizers:

- Kenneth Ascher, U. of California, Irvine
- Dori Bejleri, U. of Maryland
- Kristin DeVleming, U. of California, San Diego

“The welcoming and collaborative community fostered made my time here truly memorable. I learned a tremendous amount of material and connected with many inspiring individuals and role models. Thank you for making this opportunity possible for me.”

