MSRI SUMMER GRADUATE SCHOOLS

2021

In the summer of 2021, MSRI will offer eight summer schools for graduate students from MSRI Academic Sponsors and other U.S. institutions. These schools provide students with the opportunity to learn from the top researchers in their fields, both in Berkeley and at partner institutions around the world.

ELIGIBILITY

Graduate students from MSRI Academic Sponsoring Institutions or from the mathematics department of any U.S. institution are eligible to apply.

MSRI is committed to the principles of Equal Opportunity and Affirmative Action. Women and underrepresented minorities in the mathematical sciences are particularly encouraged to apply.

HOW TO APPLY

Graduate students must be nominated by their Director of Graduate Studies.

ENROLLMENT PERIOD

December 1, 2020 - February 1, 2021

ADMISSION

Admission is on a first-come, first-served basis up to the limits of the capacity of the school. Early nominations are not accepted.

SUPPORT

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

MORE INFORMATION

msri.org/sgs

MSRI Mathematical Sciences Research Institute

NSF

MONTRÉAL, CANADA

2021 CRM-PIMS Summer School in Probability

Centre de Recherches Mathématiques at the Université de Montréal

MAY 24 - JUNE 18, 2021

Organizers: Louigi Addario-Berry* (McGill University), Omer Angel (University of British Columbia), Alexander Fribergh (University of Montreal), Mathav Murugan (University of British Columbia), Edwin Perkins (University of British Columbia)

MSRI · BERKELEY, CALIFORNIA

Sparsity of Algebraic Points

JUNE 7 - 18, 2021

Organizers: Philipp Habegger (Universität Basel), Hector Pasten* (Pontificia Universidad Católica de Chile)

MSRI · BERKELEY, CALIFORNIA

Mathematics of Big Data: Sketching and (Multi-) Linear Algebra

JUNE 21 - JULY 2, 2021

Organizers: Kenneth Clarkson* (IBM Research Division), Lior Horesh (IBM Thomas J. Watson Research Center)

ZÜRICH, SWITZERLAND

Foundations and Frontiers of Probabilistic Proofs

ETH Zürich

JUNE 28 - JULY 9, 2021

Organizers: Alessandro Chiesa (University of California, Berkeley), Tom Gur (University of Warwick)

OXFORD, UNITED KINGDOM

Metric Geometry and Geometric Analysis

University of Oxford

JULY 5 - 16, 2021

Organizers: Cornelia Drutu* (University of Oxford), Panos Papazoglou (University of Oxford)

MSRI · BERKELEY, CALIFORNIA

Gauge Theory in Geometry and Topology

JULY 5- 16, 2021

Organizers: Lynn Heller (Universität Hannover), Francesco Lin (Columbia University), Laura Starkston* (University of California, Davis), Boyu Zhang (Princeton University)

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Random Conformal Geometry

JULY 19 - 30, 2021

Organizers: Mario Bonk (University of California, Los Angeles), Steffen Rohde (University of Washington), Fredrik Viklund* (Royal Institute of Technology)

TAIPEI, TAIWAN

Recent Topics in Well Posedness

National Center for Theoretical Sciences

JULY 19 - 30, 2021

Organizers: Jungkai Chen (National Taiwan University), Yoshikazu Giga (University of Tokyo), Maria Schonbek (University of California, Santa Cruz), Tsuyoshi Yoneda (University of Tokyo)

* denotes lead organizer(s)

"…it was an incredible experience and really inspired me to become a professional mathematician."

"I felt like I received a true 'insider's view' of the subject."

"A great opportunity to collaborate with other young people starting off in the field."