

ICERM 2019 Summer Workshops

Arithmetic of Low-dimensional Abelian Varieties

June 3-7, 2019 *(funded by the Simons Foundation)*

This workshop will explore a number of themes in the arithmetic of abelian varieties of low dimension, with a focus on computational aspects.

Encrypted Search / June 10-14, 2019

This workshop will focus on the design and cryptanalysis of practical algorithms and systems that can search on end-to-end encrypted data.

Research Experiences for Undergraduate Faculty (REUF) / June 17-21, 2019

The goals of this workshop are to promote undergraduate research and to forge research collaborations among the participating faculty.

Mathematical Optimization of Systems Impacted by Rare, High-impact Random Events / June 24-28, 2019

This workshop will explore optimization and simulation approaches to designing, planning, and operating systems affected by high-impact rare events.

Perspectives on Dehn Surgery / July 15-19, 2019

This summer school will have courses that unveil Dehn surgery and its suite of techniques to the next generation of researchers in the area.

Women in Data Science and Mathematics Research Collaboration Workshop (WiSDM)

July 29 – August 2, 2019

This research collaboration workshop is targeted toward women working in data science and mathematics.

Applied Mathematical Modeling with Topological Techniques / August 5-9, 2019

This workshop will bring together applied mathematical modeling and applied topology communities, aiming to give modelers exposure to topological techniques still not commonly used in their community.



ICERM

Institute for Computational and Experimental Research in Mathematics

Proposals being accepted:

Semester Program
Topical/Hot Topics Workshops
Small Group Research Program
Summer Undergrad Program

Applications being accepted:

Semester Program or Workshop
Postdoctoral Fellowship

Sponsorships being accepted:

Academic or Corporate

ICERM is a National Science Foundation Mathematics Institute at Brown University in Providence, RI.



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