### MSRI / Simons Laufer Mathematical Sciences Institute (SLMath)

## 2025 Summer Research in Mathematics (Berkeley, CA)

Summer Research in Mathematics at SLMath provides space, funding, and the opportunity for in-person collaboration to small groups of mathematicians with partial results on an established project, especially women and gender-expansive individuals, whose ongoing research may have been disproportionately affected by various obstacles including family obligations, professional isolation, or access to funding. Learn more: slmath.org/summer-research

**Eligibility:** Groups of 2-6 mathematicians with partial results on an established project, with Ph.D.or advanced graduate standing in the mathematical sciences required; at least 1 team member must be U.S. based.

Dates: Visits of a minimum of two weeks must take place between June 2 to August 1, 2025.

**How to Apply:** Applications will be hosted on MathPrograms.org beginning in Summer 2024. The priority application deadline is **October 11, 2024**. Applications will then be accepted on a rolling basis until capacity is reached.

**Funding & Support:** Lodging, meals, travel expenses, and post-programmatic travel support. Childcare grants are available for researchers with children under the age of 17 (see website for restrictions) and a nursing room is available.

MSRI, now SLMath, has been supported from its origins by the U.S. National Science Foundation, joined by the National Security Agency, over 115 Academic Sponsor departments, private foundations, and generous and farsighted individuals.

# Register for Fall 2024 Scientific Workshops at SLMath

SLMath workshops are free to attend in Berkeley and online, thanks to the generous support of our funders, including the National Science Foundation. Register Online: slmath.org/workshops.

# New Frontiers in Curvature: Flows, General Relativity, Minimal Submanifolds, and Symmetry

- Connections Workshop: August 21-23, 2024 [Joint Workshop]
- Introductory Workshop: August 26-30, 2024
- Recent Progress on Geometric Analysis and Riemannian Geometry: October 21-25, 2024

#### **Special Geometric Structures and Analysis**

- Connections Workshop: August 21-23, 2024 [Joint Workshop]
- Introductory Workshop: September 3-6, 2024
- Geometry and Analysis of Special Structures on Manifolds: November 18-22, 2024

## **Hot Topics Workshops**

Hot Topics: Life after the Telescope Conjecture: December 9-13, 2024

**Funding Support:** Funding Support: Established researchers, postdoctoral fellows, and graduate students are invited to apply for funding. Funding awards are typically made eight weeks before the workshop; requests received after the funding deadlines are considered only if additional funds become available. Groups underrepresented in research-intensive contexts including women, gender-expansive individuals, minorities, and mathematicians not located at research centers are welcomed and encouraged to apply.

Resources for Workshop Attendees: SLMath is pleased to be able to offer a private room for nursing parents. Childcare grants are available for researchers with children under the age of 14 (limited to US Citizens and Permanent Residents, and foreign visitors with a visa status that allows for compensation, such as a J-1). See website for full details: https://www.slmath.org/family-services

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