Algebraic and Analytic Methods in Combinatorics

March 17-21, 2025 · Berkeley, CA + Online · Free Registration

Many exciting breakthroughs in combinatorics involve innovative applications of techniques from a wide range of areas such as harmonic analysis, polynomial and linear algebraic methods, spectral graph theory, and representation theory. This workshop will present recent developments in this area and facilitate discussions of research problems.

Workshop Organizers

Vida Dujmovic, University of Ottawa
János Pach, Alfréd Rényi Institute of Mathematics
Andrew Suk, University of California, San Diego
Yufei Zhao*, Massachusetts Institute of Technology

* indicates lead organizer

Featured Speakers:
- **Alex Cohen**, Massachusetts Institute of Technology
- **David Conlon**, California Institute of Technology
- **Jacob Fox**, Stanford University
- **Rachel Greenfeld**, Northwestern University
- **Xiaoyu He**, Georgia Institute of Technology
- **Chaya Keller**, Ariel University
- **Jeck Lim**, California Institute of Technology
- **Frederick Manners**, University of California, San Diego
- **Dhruv Mubayi**, University of Illinois at Chicago
- **Sarah Peluse**, Stanford University
- **Cosmin Pohoata**, Emory University
- **Mehtaab Sawhney**, Columbia University
- **Alex Scott**, University of Oxford
- **Istvan Tomon**, Umeå University
- **Bartosz Walczak**, Jagiellonian University
- **Hung-Hsun (Hans) Yu**, Princeton University
- **Josh Zahl**, University of British Columbia
- **Dmitrii Zakharov**, Massachusetts Institute of Technology

FUNDING OPPORTUNITIES

Funding is available for attendance at this workshop. Groups that have been historically underrepresented in the mathematical sciences are particularly encouraged to apply for funding to attend, including women, gender-expansive individuals, minorities, mathematicians not located at research centers, recent PhDs, and graduate students.

Nursing Room: SLMath offers a private room for nursing parents attending on site.

Funding Deadline: December 10, 2024
Registration Deadline: March 21, 2025

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Questions? Contact 1091@slmath.org

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