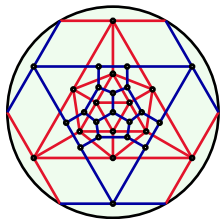


CanadAM 2023 Conference Announcement



The next biennial CanadAM Conference will take place June 5–8, 2023 in Winnipeg Manitoba, Canada. This will be an in-person meeting hosted jointly by the University of Manitoba and the University of Winnipeg.

Conference website: <http://www.canadam.ca>

The general topic of the conference is the theory and application of discrete structures. Its goal is to highlight the most salient trends in the field. The conference will bring together researchers from the various disciplines with which discrete and algorithmic mathematics interact. Particular areas of interest include graphs and digraphs, hypergraphs, matroids, ordered sets, designs, coding theory, enumeration, combinatorics of words, discrete optimization, discrete and computational geometry, lattice point enumeration, combinatorial algorithms, computational complexity, and applications of discrete and algorithmic mathematics, including (but not limited to) web graphs, computational biology, telecommunication networks, and information processing.

The conference will follow its usual format. There will be eight plenary talks, one public interest talk, invited mini-symposia, as well as contributed mini-symposia and talks.

The Invited Plenary Speakers are:

- **Nima Anari**, Stanford University
- **Simina Brânzei**, Purdue University
- **Penny Haxell**, University of Waterloo
- **Ferdinand Ihringer**, Universiteit Gent
- **Jennifer Morse**, University of Virginia
- **Igor Pak**, University of California Los Angeles
- **Alexey Pokrovskiy**, University College London
- **Laura Sanita**, Eindhoven University of Technology

The invited **Public Interest Lecture** will be given by **Laura Albert**, University of Wisconsin.

A preliminary list of invited minisymposia:

- Algorithmic Game Theory
(Organizers: Simina Brânzei and Ruta Mehta)
- Combinatorics and Algebra
(Organizer: Alexey Pokrovskiy)
- Design Theory and Coding Theory
(Organizers: Thaïs Bardini Idalino, Jonathan Jedwab and Shuxing Li)
- Emerging tools and applications of mixed-integer optimization
(Organizer: Sonia Cafieri)
- Extremal and probabilistic combinatorics
(Organizer: Felix Joos)
- Generalizations of the chromatic polynomial
(Organizers: Farid Aliniaiefard and Steph van Willigenburg)
- Geometric Combinatorics
(Organizer: Amzi Jeffs)
- Random structures and random processes
(Organizers: Jane (Pu) Gao and Xavier Pérez Giménez)
- Structural graph theory
(Organizers: Sang-il Oum and Sebastian Wiederrecht)
- Discrete mathematics in quantum information processing
(Organizers: Markus Grassl and Petr Lisonek)

Members of the Discrete Mathematics community are encouraged to submit additional contributed minisymposia or contributed talks for consideration in the conference program.

- If you wish to participate in CanaDAM2023, please register through the registration link on the conference web page. The early registration deadline is April 4, 2023. The registration fee is \$300 (for regular participants) and \$100 (for students and post-doctoral fellows) if received by the early registration deadline. After April 4, 2023, the registration fee for regular participants is \$400 and \$200 for students and post-doctoral fellows.