

CMS/SMC CanaDAM 2015

University of Saskatchewan, June 1 - 4, 2015

www.cms.math.ca//2015

Sponsors**Conference Photograph**

[small](#) (2MB) - [large](#) (7MB) - [orig](#) (10MB)

Conference delegates, please complete [this evaluation survey](#).

The 5th biennial Canadian Discrete and Algorithmic Mathematics Conference (CanaDAM) will be held on June 1-4 2015 on the Saskatoon campus of the University of Saskatchewan. Previous CanaDAM Conferences were held at [Banff in 2007](#), [Montréal in 2009](#), [Victoria in 2011](#) and [St. Johns in 2013](#)

The general theme of the conference is the theory and application of discrete structures. Its goal is to highlight the most salient trends in the field, which has close links to such diverse areas as cryptography, computer science, large-scale networks and biology. The conference will bring together researchers from the various disciplines with which discrete and algorithmic mathematics interact.

Particular areas of interest are the following: 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.

Invited Speakers:

Irit Dinur (Weizmann Institute, Israel)
Daniela Kühn (Birmingham University, UK)
Brendan McKay (Australian National University, Australia)
Karen Meagher (University of Regina, Canada)
Dhruv Mubayi (University of Illinois at Chicago, USA)
Yann Ponty (Polytechnique, CNRS, France)
Angelika Steger (ETH Zurich, Switzerland)
William Martin (Worcester Polytechnic Institute, USA)

Public Interest Lecture:

Michiel van de Panne (University of British Columbia, Canada)

Invited Minisymposia:

Algorithmic chemical reaction networks

org: Dave Doty (California Institute of Technology, USA)

At the interface of physics and combinatorics

org: Karen Yeats (Simon Fraser University, Canada)

Combinatorial optimization

org: Samuel Fiorini (Université libre de Bruxelles, Belgium)

Matroid theory

org: Stefan van Zwam (Louisiana State University, USA)

Probabilistic combinatorics

org: Amin Coja-Oghlan (Goethe University Frankfurt/Main, Germany)

Random graphs

org: Pawel Pralat (Ryerson University, Canada)

Spectral methods in graph theory

org: Bill Martin (Worcester Polytechnic Institute, USA) and Jason Williford (University of Wyoming, USA)

Structural graph theory

org: Luke Postle (University of Waterloo, Canada)

Topological methods in discrete mathematics

org: Ron Aharoni (Technion - Israel Institute of

Technology, Israel)

Please also note that the PIMS CRG in Applied Combinatorics will hold a Graduate Summer School May 18-29, 2015 at the University of Saskatchewan.

For more information see:

<http://math.usask.ca/~appliedcomb/>

*Web services provided by the Canadian Mathematical Society
Photography provided by Kyla Duhamel*