

INVITED SPEAKERS

François Bergeron - Université du Québec à Montréal
Mireille Bousquet-Mélou - CNRS, LaBRI Université de Bordeaux
William Y.C. Chen - Tianjin University
Persi Diaconis - Stanford University
Ira Gessel - Brandeis University
Gil Kalai - Hebrew University
Kathy Qing Ji - Tianjin University
Helmut Prodinger - University of Stellenbosch
Bruce Sagan - Michigan State University
Anne Schilling - University of California, Davis
Richard Stanley - Massachusetts Institute of Technology
Catherine Yan - Texas A&M University

ICECA

Enumerative combinatorics is a dynamic subfield of the mathematical sciences with many challenging research problems, ingenious and sophisticated techniques, and important applications in various scientific fields. Enumeration has meaningful connections with other subjects of mathematics and scientific disciplines. Questions from a wide range of different fields, including algebra, topology, probability, computer science, physical, chemical and biological sciences, have some surprising hidden combinatorial structures that require enumerative methods for their solution. The purposes of this conference are

- to highlight the recent significant theoretical advances in enumerative and analytic combinatorics;
- to showcase the important new applications of enumerative combinatorics to problems arising in other scientific disciplines;
- to discuss new questions, ideas, and methods of an enumerative nature from numerous scientific areas;
- to bring together researchers of various backgrounds and experience from several fields whose research utilizes or touches upon enumerative techniques.

ORGANIZERS

Chair: **Toufik Mansour** – University of Haifa
Mark Dukes – University College Dublin
Ilias Kotsireas – Wilfrid Laurier University
Yuval Roichman – Bar-Ilan University
Armend Sh. Shabani – University of Prishtina
Alek Vainshtein – University of Haifa
Gökhan Yıldırım – Bilkent University.



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