

August 16-18, 2027

INVITED SPEAKERS

Ron Adin - Bar-Ilan University
Arvind Ayyer - Indian Institute of Science
Qing-Hu Hou - Tianjin University
Christian Krattenthaler - Universität Wien
Isabella Novik - University of Washington
Richard Stanley - Massachusetts Institute of Technology
Michelle Wachs - University of Miami
Doron Zeilberger - Rutgers 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

Toufik Mansour – University of Haifa (Chair)
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