

International Conference
Enumerative Combinatorics and Applications

University of Haifa – Virtual

August 26-28, 2024



INVITED SPEAKERS

Alan Frieze - Carnegie Mellon University

Ken-ichi Kawarabayashi - National Institute of Informatics

Jaeseong Oh - Yonsei University

Margaret A. Readdy - University of Kentucky

Victor Reiner - University of Minnesota

Micha Sharir - Tel Aviv University

Richard Stanley - Massachusetts Institute of Technology

Stephan Wagner - Uppsala Universitet

Steph van Willigenburg - University of British Columbia

Douglas B. West - University of Illinois

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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