

International Conference
Enumerative Combinatorics and Applications

University of Haifa – Virtual

August 25-27, 2025

INVITED SPEAKERS

Ron Aharoni - Technion

Francesco Brenti - University of Rome "Tor Vergata"

Maria Chudnovsky - Princeton University

Sylvie Corteel - University of California Berkeley

Vít Jelínek - Charles University

Gyula O.H. Katona - Alfréd Rényi Institute of Mathematics

Brendan McKay - Australian National University

Richard Stanley - Massachusetts Institute of Technology

Sheila Sundaram - University of Minnesota

Doron Zeilberger - Rutgers University

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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)

Ron Adin – Bar-Ilan University

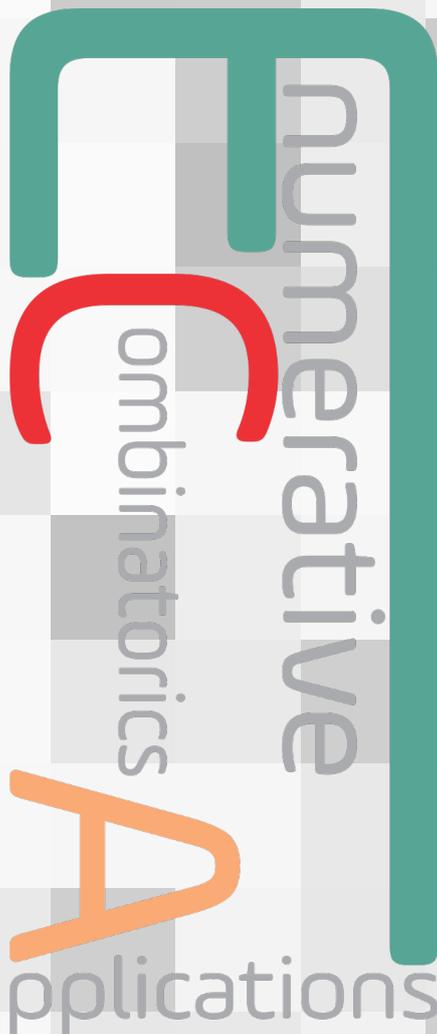
Mark Dukes – University College Dublin

Ilias Kotsireas – Wilfrid Laurier University

Yuval Roichman – Bar-Ilan University

Armend Sh. Shabani – University of Prishtina

Alek Vainshtein – University of Haifa



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