

### INVITED SPEAKERS

**Ilse Fischer** - University of Vienna

**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

**Douglas B. West** - Zhejiang Normal University & University of Illinois

**Steph van Willigenburg** - University of British Columbia

### 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)

**Ron Adin** – Bar-Ilan University

**Mark Dukes** – University College Dublin

**Ilias Kotsireas** – Wilfrid Laurier University

**Anna Melnikov** – University of Haifa

**Armend Sh. Shabani** – University of Prishtina

**Alek Vainshtein** – University of Haifa

**Gökhan Yıldırım** – Bilkent University.



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