

# Combinatorial geometry and graph drawing

## Organizer:

Gabor Tardos (SFU)

## Description:

This minisymposium consists of two parts of five talks each. The common theme is the interplay of discrete geometry, graph theory and combinatorics.

## Titles and Speakers:

- *Almost Similar Configurations*  
Zoltán Füredi (University of Illinois at Urbana-Champaign and Rényi Institute, Budapest)
- *On Triangles of Distinct Areas and Tetrahedra of Distinct Volumes*  
Adrian Dumitrescu (University of Wisconsin-Milwaukee), Csaba D. Tóth (MIT)
- *Paths with No Small Angles*  
Imre Bárány (Rényi Institute, Budapest and University College, London), Pavel Valtr (Charles University, Prague), Attila Pór (Rényi Institute, Budapest)
- *Geometry of Orthogonal Surfaces*  
Stefan Felsner (Technical University, Berlin)
- *The Discharging Method and Its Applications for Graph Drawing*  
Radoš Radoičić (Baruch College, CUNY), Géza Tóth (Rényi Institute, Budapest)
- *Balanced Subdivision of Two Sets of Points in the Plane Lattice*  
Mikio Kano (Ibaraki University), Tomoharu Kawano (Ibaraki University), Miyuki Uno (Ibaraki University)
- *On the Integer Lattice in the Plane*  
Peter Hamburger (Western Kentucky University), Robert Vandell (Indiana-Purdue University), Matt Walsh (Indiana-Purdue University)
- *Fixed Parameter Tractability in Geometry and Graph Drawing*  
Sue Whitesides (McGill University)
- *Intersection Graphs of Convex Sets*  
Jan Kratochvíl (Charles University), Martin Pergel (Charles University)

- *Pencils with Many Incidences*  
Mei-Chu Chang (University of California, Riverside), József Solymosi  
(University of British Columbia)