

# CSASC 2013

## Joint Mathematical Conference

of the Catalan Mathematical Society, Slovenian Mathematical Society, Austrian Mathematical Society, Slovak Mathematical Society, and Czech Mathematical Society

Koper, Slovenia, 9 – 13 June 2013

# TIMETABLE – DISCRETE AND COMPUTATIONAL GEOMETRY

### Sunday, June 9th .....

12:00 – 13:45 Registration (UP FAMNIT, Glagoljaška 8)

13:45 – 14:00 Opening remarks  
(Lecture Room: FHS - Tramontana)

14:00 – 15:00 **Plenary talk** X. TOLSA: Singular integrals, rectifiability, and the David-Semmes problem  
(Lecture Room: FHS - Tramontana)

15:00 – 15:30 - - - *Coffee* - - -

### Monday, June 10th .....

08:30 – 09:30 **Plenary talk** J. E. FORNAESS: Convexity in Complex Analysis  
(Lecture Room: FHS - Tramontana)

09:30 – 10:00 - - - *Coffee* - - -

10:00 – 10:30 M. HOFFMANN: On Universal Point Sets and Simultaneous Geometric Embeddings  
(Lecture Room: FAMNIT-MP)

10:30 – 11:00 C. HUEMER: An improved lower bound on the maximum number of non-crossing spanning trees  
(Lecture Room: FAMNIT-MP)

11:00 – 11:30 S. HUBER: Realizability of Planar Straight-Line Graphs as Straight Skeletons  
(Lecture Room: FAMNIT-MP)

11:30 – 12:00 B. VOGTENHUBER: Balanced 6-holes in bichromatic point sets  
(Lecture Room: FAMNIT-MP)

12:30 – 14:30 - - - *Lunch* - - -

14:30 – 15:30 **Plenary talk** M. NOY: Zero-one laws for minor-closed classes of graphs  
(Lecture Room: FHS - Tramontana)

15:30 – 16:00 - - - *Coffee* - - -

16:00 – 16:30 M. TANCER: Untangling two systems of noncrossing curves  
(Lecture Room: FAMNIT-MP)

16:30 – 17:00 N. MRAMOR KOSTA: Parametric discrete Morse theory  
(Lecture Room: FAMNIT-MP)

17:00 – 17:30 P. GIANOPOULOS: On the computational complexity of Erdős-Szekeres and related problems in  $\mathbb{R}^3$   
(Lecture Room: FAMNIT-MP)

17:30 – 18:00 P. HLINĚNÝ: When FO properties are efficiently solvable on interval graphs  
(Lecture Room: FAMNIT-MP)

20:00 – Welcome Reception (Muzej, Kidričeva ulica 19)

### Tuesday, June 11th .....

08:30 – 09:30 **Plenary talk** I. MIZERA: Borrowing Strength via Shape Constraints and Convex Optimization  
(Lecture Room: FHS - Tramontana)

09:30 – 10:00 - - - *Coffee* - - -

10:00 – 10:30 M. SAUMELL: Terrain visibility with multiple viewpoints  
 (Lecture Room: FAMNIT-MP)  
 10:30 – 11:00 R. JAUME: Recursive regularity and the finest regular coarsening  
 (Lecture Room: FAMNIT-MP)  
 11:00 – 11:30 V. MÉSZÁROS: Discrete Voronoi Game  
 (Lecture Room: FAMNIT-MP)  
 11:30 – 12:00 J. KOVIČ: Polycubes  
 (Lecture Room: FAMNIT-MP)  
 12:30 – 14:00 - - - *Lunch* - - -  
 15:30 – 16:00 - - - *Coffee* - - -  
 17:00 – Conference excursion

**Wednesday, June 12th** .....

08:30 – 09:30 **Plenary talk** G. ROTE: Congruence testing of point sets in three and four dimensions  
 (Lecture Room: FHS - Tramontana)  
 09:30 – 10:00 - - - *Coffee* - - -  
 12:30 – 14:30 - - - *Lunch* - - -  
 14:30 – 15:30 **Plenary talk** G. TESCHL: Peakon asymptotics for the dispersionless Camassa-Holm equation  
 (Lecture Room: FHS - Tramontana)  
 15:30 – 16:00 - - - *Coffee* - - -  
 20:00 – Conference Dinner (Skipper)

**Thursday, June 13th** .....

08:30 – 09:30 **Plenary talk** P. MORAVEC: Bogomolov multipliers of groups  
 (Lecture Room: FHS - Tramontana)  
 09:30 – 10:00 - - - *Coffee* - - -