

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 – GRAPH THEORY

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* - - -

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* - - -

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* - - -

12:30 – 14:00 - - - *Lunch* - - -

14:00 – 14:30 W. IMRICH: Symmetry breaking in graphs and motion conjectures
(Lecture Room: FAMNIT-Sejna)

14:30 – 15:00 J. RUÉ: On the probability of planarity of a random graph near the critical point
(Lecture Room: FAMNIT-Sejna)

15:00 – 15:30 P. HLINĚNÝ: Planar Emulators Conjecture Is Nearly True for Cubic Graphs
(Lecture Room: FAMNIT-Sejna)

15:30 – 16:00 - - - *Coffee* - - -

16:00 – 16:30 M. MILANIČ: On CIS Circulants
(Lecture Room: FAMNIT-Sejna)

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* - - -

10:00 – 10:30 I. SAU: Optimal Erdős-Pósa property for pumpkins
(Lecture Room: FAMNIT-Sejna)

10:30 – 11:00 B. BREŠAR: Bucolic graphs and complexes
(Lecture Room: FAMNIT-Sejna)

11:00 – 11:30 Z. RYJACEK: 1-Hamilton-connected claw-free graphs

(Lecture Room: FAMNIT-Sejna)

11:30 – 12:00 G. GÉVAY: Point-circle configurations and inscribability of polytopes and graphs

(Lecture Room: FAMNIT-Sejna)

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* - - -

16:00 – 16:30 G. FIJAVŽ: Threshold coloring and unit cube contact representation of graphs

(Lecture Room: FAMNIT-Sejna)

16:30 – 17:00 P. KLAVIK: Extending Partial Representations of Graphs

(Lecture Room: FAMNIT-Sejna)

17:00 – 17:30 D. STEVANOVIĆ: Spectral radius of rooted product of graphs

(Lecture Room: FAMNIT-Sejna)

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* - - -