

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 – DIFFERENTIAL GEOMETRY AND MATHEMATICAL PHYSICS

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* - - -

15:30 – 16:15 D. SAUNDERS: Affine transformations and Lie algebroids
(Lecture Room: FAMNIT-VP)

16:20 – 17:05 O. KOWALSKI: Almost Osserman structures on natural Riemann extensions
(Lecture Room: FAMNIT-VP)

17:10 – 17:55 X. GRÁCIA: Geometric structures in the Hamilton-Jacobi equation
(Lecture Room: FAMNIT-VP)

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 – 10:45 O. ROSSI: Lagrangian and Hamiltonian duality
(Lecture Room: FAMNIT-VP)

10:50 – 11:35 J. A. VALLEJO: Symplectic scalar curvatures on supermanifolds
(Lecture Room: FAMNIT-VP)

11:40 – 12:25 J. MUSILOVÁ: The inverse variational problem in nonholonomic mechanics
(Lecture Room: FAMNIT-VP)

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* - - -

10:00 – 10:45 R. RAMÍREZ: A new approach to the vakonomic mechanics
(Lecture Room: Muzej)

10:50 – 11:35 M. SWACZYNA: Constrained Noetherian symmetries and conservation laws of nonholonomic systems
(Lecture Room: Muzej)

11:40 – 12:10 M. HAVELKOVÁ: A geometric analysis of dynamical systems with singular Lagrangians

(Lecture Room: Muzej)

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* - - -