

Asymptotic Geometric Analysis

June 17 – June 22, 2013

SCHEDULE

Friday, June 17

- 10:30 – 10:50 Registration
10:50 – 11:00 Opening
11:00 – 11:40 **M. Rudelson**, “*Approximation complexity of convex bodies.*”
11:40 – 12:10 Coffee Break
12:10 – 12:50 **O. Friedland**, “*Doubling coverings of algebraic hypersurfaces.*”
- 12:50 – 14:40 Lunch
- 14:40 – 15:20 **D. Alonso-Gutiérrez**, “*Integral ratio of log-concave functions.*”
15:20 – 15:50 Coffee Break
15:50 – 16:30 **O. Reynov**, “*Finite dimensional aspect of existence of non-nuclear operators with s -nuclear adjoints.*”
16:40 – 17:20 **A. Stancu**, “*A notion of discrete centro-affine curvature.*”
17:30 **RECEPTION** at the Euler Institute

Saturday, June 18

- 11:00 – 11:40 **D. Chafai**, “*About the spectral edges.*”
11:40 – 12:10 Coffee Break
12:10 – 12:50 **C.H. Jiménez**, “*On a sharp affine Sobolev trace inequality.*”
- 12:50 – 14:40 Lunch
- 14:40 – 15:20 **R. Van Handel**, “*Chaining, interpolation, and convexity.*”
15:30 – 16:10 **S. Reisner**, “*The isotropy constant and boundary properties of convex bodies.*”
16:10 – 16:40 Coffee Break
16:40 – 17:20 **G. Paouris**, “*Randomized Isoperimetric Inequalities.*”

Sunday, June 19

FREE DAY

Monday, June 20

- 9:00 **EXCURSION.** *Bus will be waiting at 9:00 in front of Anderson hotel. Excursion will take approximately 5-6 hours.*

Tuesday, June 21

- 11:00 – 11:40 **M. Ludwig**, “*Valuations on the Space of Convex Functions.*”
11:40 – 12:10 Coffee Break
12:10 – 12:50 **S. Dann**, *Bounding marginal densities via affine isoperimetry.*”

12:50 – 14:40 Lunch

14:40 – 15:20 **S. Alesker**, “*Valuations on convex sets, Monge-Ampere operators, and non-commutative determinants.*”
15:30 – 16:10 **P. Youssef**, “*Reducing the number of contact points of a convex body.*”
16:10 – 16:40 Coffee Break
16:40 – 17:20 **D. Zaporozhets**, “*Convex hulls of random walks, hyperplane arrangements, and Weyl chambers.*”
17:20 – 18:30 **Informal discussions**
18:30 **BANQUET** at the Euler Institute

Wednesday, June 22

- 10:30 – 11:10 **V. Milman**, “*Different facets of Polarity.*”
11:20 – 12:00 **P. Valettas**, “*On Dvoretzky’s theorem for subspaces of L_p .*”
12:00 – 12:50 Coffee Break/Informal discussions

12:50 – 14:40 Lunch