

Asymptotic Geometric Analysis

June 30 – July 4, 2010

SCHEDULE

Wednesday, June 30

- 9:30 – 10:00 Registration
10:00 – 10:10 Opening
10:10 – 11:10 **V. Milman**, “Rigidity of Some Classical Constructions in Geometry and Analysis; the Cases of Mixed Volumes and Derivatives”
11:10 – 11:40 Coffee Break
11:40 – 12:20 **S. Alesker**, “Valuations on manifolds”
12:30 – 13:10 **S. Reisner**, “The GL - $l.u.st$ constant and asymmetry of the Kalton-Peck twisted sum in finite dimensions”

13:10 – 14:30 Lunch

14:30 – 15:10 **O. Guédon**, “Random embeddings from ℓ_p^n into ℓ_r^N , for $0 < r < p < 2$ ”
15:20 – 16:00 **P. Pivovarov**, “Mixed volumes of random convex sets”
16:10 – 16:50 **G. Paouris**, “On the existence of supergaussian directions on convex bodies”
16:50 – 17:20 Coffee

Thursday, July 1

- 10:00 – 11:00 **B. Kashin**, “On the uniform approximation of the partial sum of the Dirichlet series by a shorter sum”
11:00 – 11:30 Coffee Break
11:30 – 12:10 **M. Shcherbina**, “Central limit theorem for linear eigenvalue statistics of diluted random matrices”
12:20 – 13:00 **M. Yaskina**, “On the Christoffel problem: Fourier approach and regularity”

13:00 – 14:30 Lunch

14:30 – 15:10 **M. Rudelson**, “Efficient multiplication of low rank matrices (after Avner Magen)”
15:20 – 16:00 **V. Yaskin**, “The geometry of p -convex intersection bodies”
16:10 – 16:50 **D. Cordero-Erausquin**, “Invariances in variance estimates”
16:50 – 17:20 Coffee

Friday, July 2

- 10:00 – 11:00 **N. Tomczak-Jaegermann**, “On random matrices with independent log-concave columns”
11:00 – 11:30 Coffee Break
11:30 – 12:10 **E. Milman**, “Isoperimetric and spectral bounds on manifolds with non-negative Ricci-curvature”
12:20 – 13:00 **O. Reinov**, “On different Approximation Properties”

13:00 – 14:30 Lunch

Saturday, July 3

- 10:00 – 11:00 **L. Pastur**, *“Non Gaussian Limiting Laws of Fluctuations of Spectral Statistics of Random Matrices”*
- 11:00 – 11:30 Coffee Break
- 11:30 – 12:10 **C. Schütt**, *“A convex body whose centroid and Santalo point are far apart”*
- 12:20 – 13:00 **E. Werner**, *“Entropy and Dvoretzky’s theorem”*
- 13:00 – 14:30 Lunch
- 14:30 – 15:10 **D. Chafai**, *“Spectrum of large random Markov chain”*
- 15:20 – 16:00 **M. Fradelizi**, *“Sharp lower bound for the volume product of convex bodies with many symmetries”*
- 16:10 – 16:50 **B. Klartag**, *“Approximately gaussian marginals and the hyperplane conjecture”*

BANQUET

23:00 – 2:00 NIGHT EXCURSION

Sunday, July 4

FREE DAY