

Probabilistic Harmonic Analysis and Spectral Theory

Institut Mittag-Leffler – July 11-15, 2016

Monday, July 11:

08:00–09:30 *Breakfast (served in Gula Villan)*

10:00–10:45 **Christopher Thiele** *Quantitative norm convergence of ergodic means for two commuting transformations*

10:45–11:15 *Coffee/Tea Break*

11:15–12:00 **Anton Baranov** *Sampling, interpolation and Riesz bases in small Fock spaces*

12:00–14:00 *Lunch (served in Gula Villan)*

14:00–14:45 **Yuri Belov** *Synthesable invariant subspaces*

14:45–15:15 *Coffee/Tea Break*

15:15–16:00 **Komla Domelevo** *Differential subordination under change of law*

Tuesday, July 12:

08:00–09:30 *Breakfast (served in Gula Villan)*

10:00–10:45 **Nicola Arcozzi** *A probabilistic interpretation of some singular integrals in discrete environment*

10:45–11:15 *Coffee/Tea Break*

11:15–12:00 **Camil Muscalu** *The helicoidal method*

12:00–14:00 *Lunch (served in Gula Villan)*

14:00–14:45 **Cristina Benea** *The Helicoidal Method II*

14:45–15:15 *Coffee/Tea Break*

15:15–16:00 **Frederic Bernicot** *Paracontrolled calculus and singular PDES through the heat semigroup*

Wednesday, July 13

08:00–09:30 *Breakfast (served in Gula Villan)*

10:00–10:45 **Francesco Di Plinio** *Intrinsic positive sparse domination of multilinear singular integrals*

10:45–11:15 *Coffee/Tea Break*

11:15–12:00 **Eero Saksman** *On the Riemann zeta function and multiplicative chaos*

12:00–14:00 *Lunch (served in Gula Villan)*

14:00–14:45 **Discussions**

14:45–15:15 *Coffee/Tea Break*

15:15–16:00 **Discussions**

Thursday, July 14

08:00–09:30 *Breakfast (served in Gula Villan)*

10:00–10:45 **Sergey Treil** *Bellman function and the Carleson Embedding Theorem with matrix weights*

10:45–11:15 *Coffee/Tea Break*

11:15–12:00 **Joaquim Ortega** *Determinantal point processes in the torus and the sphere*

12:00–14:00 *Lunch (served in Gula Villan)*

14:00–14:45 **Alan Sola** *Disks and slits: scaling limits in conformal aggregation models*

14:45–15:15 *Coffee/Tea Break*

15:15–16:00 **Aron Wennman** *Discrepancy densities for geometric zero packing*

19:00 **Conference dinner** *(served in Gula Villan)*

Friday, July 15

08:00–09:30 *Breakfast (served in Gula Villan)*

10:00–10:45 **Evgueni Abakoumov** *Proper holomorphic embeddings, radial approximation, and tropical power series*

10:45–11:15 *Coffee/Tea Break*

11:15–12:00 **Emmanuel Fricain** *Multipliers between model spaces*

12:00–14:00 *Lunch (served in Gula Villan)*

14:00–14:45 **Kelly Bickel** *Two Weight Estimates for Well Localized Operators*