PETDS, 9-11th April 2014, Program

All lectures will be given in Room 006, Schreiber building. Refreshments will be served during the Coffee breaks and also before the morning sessions.

Wednesday 9th April

09:00-09:50 Registration.
09:50-10:00 David Steinberg (Chairman: School of Mathematics): Welcome.
10:00-10:30 Benjamin Weiss: Meir’s mathematics.
Coffee
11:45-12:30 Don Ornstein: Stability of diffeomorphisms of the disc and stability of geodesic flows.
Lunch
14:00-14:45 Alexander Kachurovskii: Rates of convergence in ergodic theorems.
Coffee
16:30-17:15 Dong Han Kim: Subword complexity and Sturmian colorings of regular trees.
17:25-18:10 Mordechay Levin: An Almost Sure Invariance Principle and nonconventional limit theorems for $\mathbb{Z}_4$-actions by toral endomorphisms.

Thursday 10th April

09:00-09:45 Yuval Peres: Quantitative finitary coding and invariant matching.
09:55-10:40 Hitoshi Nakada: On normal numbers with respect to $\alpha$-continued fraction expansions.
Coffee

**Lunch**

14:20-15:05 Dalibor Volny: *Bernoullicity and the central limit theorem*

15:15-16:00 Boris Tsirelson: *Moderate deviations on different scales: no relations.***

**Coffee**

16:30-17:15 Vadim Kaimanovich: *Boundary actions of random subgroups*

17:25-18:10 Tom Meyerovitch: *A converse to Kleiner’s theorem on groups with finite dimensional Lipschitz harmonic functions.*

19:30 Conference Dinner including a “reminiscence session”.

**Friday 11th April**

09:00-09:45 Wolfgang Krieger: *Semigroups in symbolic dynamics.*

09:55-10:40 Elon Lindenstrauss: *Topological and measureable joinings of $\times 2 \times 3$ and other higher rank actions*.

**Coffee**


12:05-12:50 Klaus Schmidt: *Entropy and growth rate of periodic points of algebraic $\mathbb{Z}^d$ actions.*

13:00-13:45 Jean-Paul Thouvenot: **TBA**

**END OF CONFERENCE**