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.*

10:40-11:25 Mike Keane: *The Conjugacy Class of a Constant Length Substitution.*

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 .*

14:55-15:40 Nir Lev: *Sets of bounded discrepancy for multi-dimensional irrational rotations.*

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 $\mathbb{Z}_+^d$-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 α-continued fraction expansions.*

Coffee

11:10-11:55 Hillel Furstenberg: *Qualitative Laws of Large Numbers.*

12:05-12:50 Haya Kaspi: *The Analysis and Control of Queuing Systems Using Measure Valued Processes.*

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

11:10-11:55 Mariusz Lemanczyk: *On Möbius disjointness.*

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**

<div align="center">END OF CONFERENCE</div>