

Workshop on
“Descriptive Set Theory”

organized by

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September 30 - October 4, 2013

• **Monday, September 30, 2013**

09:00 **Opening & Registration**

09:30 – 10:20 **Hiroshi Ando**

Ultraproducts, QWEP von Neumann algebras, and the Effros-Marechal topology

10:20 – 11:10 *coffee break*

11:10 – 12:00 **Dana Bartošová**

Near ultrafilters, groups of automorphisms and unique amenability

12:00 – 14:00 *lunch break*

14:00 – 14:50 **Kostas Beros**

Universal subgroups

15:05 – 15:35 **Marton Elekes**

Ranks on Baire class α functions

15:35 – 16:15 *coffee break*

16:15 – 16:45 **Udayan Darji**

Some Examples of Universal Maps

17:00 – 17:30 **Miodrag Sokic**

Semilattices

• **Tuesday, October 1, 2013**

09:00 – 09:50 **Vassilios Gregoriades**

Classes of Polish spaces under effective Borel isomorphism

09:50 – 10:20 *coffee break*

10:20 – 11:10 **Aleksandra Kwiatkowska**

Projective Fraïssé limits and the pseudo-arc

11:25 – 11:55 **Samuel Ziegler**

Weak equivalence and invariant random subgroups

11:55 – 13:30 *lunch break*

13:30 *Departure for Social Programme (Rust) from Sensengasse 2a*

• **Wednesday, October 2, 2013**

09:00 – 09:50 **Asger Törnquist**

Diagonalizing almost disjoint families

09:50 – 10:20 *coffee break*

10:20 – 11:10 **Aaron Hill**

Rank-one measure-preserving Transformations

11:25 – 11:55 **Su Gao**

A model for rank one transformations

11:55 – 14:00 *lunch break*

14:00 – 14:50 **Andrew Marks**

Borel combinatorics, and countable Borel equivalence relations

15:05 – 15:35 **Stephen Jackson**

AD and the Komjath-Laczkovich property

15:35 – 16:15 *coffee break*

16:15 – 16:45 **Alberto Marcone**

The complexity of isometric embeddability between ultrametric Polish spaces with fixed set of distances

17:00 – 17:30 **Pandelis Dodos**

Some recent results in Ramsey Theory

• **Thursday, October 3, 2013**

09:00 – 09:50 **Robin Tucker-Drob**

A von-Neumann algebra free proof of solid ergodicity for Bernoulli shifts

09:50 – 10:20 *coffee break*

10:20 – 11:10 **Jay Williams**

Cone measures, biembeddability, and isomorphism of Kazhdan groups

11:25 – 11:55 **Vladimir Kanovei**

On the countable cofinality of definable chains in Borel partial orders

11:55 – 14:00 *lunch break*

14:00 – 14:50 **Christian Rosendal**

Large scale geometry of metrisable groups

15:05 – 15:35 **Maciej Malicki**

Non-locally compact Polish groups and essentially countable orbit equivalence relations

15:35 – 16:15 *coffee break*

16:15 – 16:45 **Scott Schneider**

Simultaneous reducibility of pairs of Borel equivalence relations

17:00 – 17:30 **Brandon Seward**

Locally nilpotent groups and hyperfinite equivalence relations

• **Friday, October 4, 2013**

09:00 – 09:50 **Marcin Sabok**

Completeness of the isomorphism problem for separable C^ -algebras*

09:50 – 10:20 *coffee break*

10:20 – 11:10 **François Le Maître**

Topological generators for full groups

11:25 – 11:55 **Kostyantyn Slutsky**

Automatic continuity for homomorphisms into free products

11:55 – 13:45 *lunch break*

13:45 – 14:35 **Todor Tsankov**

Weakly almost periodic functions, model-theoretic stability, and minimality of topological groups

14:50 – 15:20 **Phillip Wesolek**

Conjugacy class conditions in totally disconnected locally compact Polish groups

15:20 – 16:00 *coffee break*

16:00 – 16:50 **Slawomir Solecki**

Dual Ramsey theorem for trees

17:05 – 17:35 **Tomek Bartoszynski**

Covering reals by translations of a compact set

All lectures take place in the ESI Boltzmann Lecture Hall