

Workshop on Large Cardinals and Descriptive Set Theory
June 15 – June 26, 2009

Schedule of lectures for Week 2 (June 22 - 26)

- Monday, June 22, 2009
 - 09:00 – 09:50: **Alessandro Andretta**: Some descriptive set theory related to the Lebesgue density theorem
 - 10:15 – 11:05: **Pandelis Dodos**: Applications of Descriptive Set Theory in the Geometry of Banach spaces
 - 11:20 – 12:10: **Jordi Lopez-Abad**: Generic constructions of Banach spaces
 - Lunch break
 - 14:10 – 15:00: **Miroslav Zeleny**: Games and σ -porosity
 - 15:15 – 16:05: **Riccardo Camerlo**: Standard universal dendrites as small Polish structures
 - 16:30 – 17:20: **Michael Hrusak**: Katetov order on Borel ideals

- Tuesday, June 23, 2009
 - 09:00 – 09:50: **Joan Bagaria**: $C^{(n)}$ -cardinals
 - 10:15 – 11:05: **Pandelis Dodos**: Applications of Descriptive Set Theory in the Geometry of Banach spaces
 - 11:20 – 12:10: **Julien Melleray**: Metric structures and applications to the theory of topological groups
 - Lunch break
 - 14:10 – 15:00: **Luca Motto Ros**: A universality property for analytic equivalence relations and quasi-orders
 - 15:15 – 16:05: **Vladimir Kanovey**: On definability of some counterexamples in descriptive set theory
 - 16:30 – 17:20: **Tamás Mátrai**: Cofinal types of definable directed orders

- Wednesday, June 24, 2009
 - 09:00 – 09:50: **Norbert Sauer**: On partitions of relational structures
 - 10:15 – 11:05: **Pandelis Dodos**: Applications of Descriptive Set Theory in the Geometry of Banach spaces
 - 11:20 – 12:10: **Lionel Nguyen Van The**: Structural Ramsey theory and topological dynamics
 - 16:30 – 21:00: **social event: Lusthaus**

- Thursday, June 25, 2009
 - 09:00 – 09:50: **Valentin Ferenczi**: Complexity of isomorphism between Banach spaces and inevitable list of Gowers
 - 10:15 – 11:05: **Su Gao**: The Descriptive Complexity of Free Bernoulli Subflows
 - 11:20 – 12:10: **Lionel Nguyen Van The**: Structural Ramsey theory and topological dynamics
 - Lunch break
 - 14:10 – 15:00: **Samuel Coskey**: On dimension and Borel reducibility
 - 15:15 – 16:05: **Claude Laflamme**: Partitions and indivisibility Properties of Countable Dimensional Vector Spaces
 - 16:30 – 17:20: **Asger Törnquist**: The lifting problem for the group of measure preserving transformations of the unit interval

- Friday, June 26, 2009

09:00 – 09:50: **Matt Foreman**: Models for Measure Preserving Transformations

10:15 – 11:05: **Ben Miller**: Forceless, ineffective, powerless proofs of descriptive set-theoretic dichotomy theorems

11:20 – 12:10: **Lionel Nguyen Van The**: Structural Ramsey theory and topological dynamics

Lunch break

14:10 – 15:00: **Simon Thomas**: Some Consequences of Martin's Conjecture

15:15 – 16:05: **Christian Rosendal**: Infinite asymptotic games and an exact Ramsey principle for block sequences

16:30 – 17:20: **Greg Hjorth**: Yet another proof of Gaboriau-Popa

All lectures take place in the ESI Boltzmann Lecture Hall.

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