

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

Schedule of lectures for Week 1 (June 15 - 21)

- Monday, June 15, 2009
 - 09:15 – 09:40: **Matteo Viale**: Some questions on the models of MM
 - 10:05 – 10:55: **Lajos Soukup**: On properties of families of sets
 - 11:10 – 11:35: **Farmer Schlutzenberg**: Homogeneously Suslin sets in mice with Woodin cardinals
 - Lunch break
 - 14:10 – 15:00: **John Krueger**: The Weak Reflection Principle Versus the Reflection Principle
 - 15:15 – 16:05: **Sakae Fuchino**: Fodor-type reflection principle and its “mathematical” characterizations
 - 16:30 – 16:55: **Thomas Johnstone**: Substituting Supercompactness by Strong Unfoldability
 - 17:05 – 17:30: **Katherine Thompson**: Nonexistence of universal models at the successors of singular strong limit cardinals
- Tuesday, June 16, 2009
 - 08:50 – 09:40: **Paul Larson**: Universally measurable sets in generic extensions
 - 10:05 – 10:55: **Jörg Brendle**: Cardinal invariants of analytic quotients
 - 11:10 – 11:35: **Daisuke Ikegami**: Real Blackwell Determinacy
 - 11:45 – 12:10: **Dima Sinapova**: Exploring Singular Cardinal Combinatorics
 - Lunch break
 - 14:10 – 15:00: **Arthur Apter**: Indestructible strong compactness but not supercompactness
 - 15:15 – 16:05: **David Aspero**: A reflection principle compatible with the continuum large (1)
 - 16:30 – 16:55: **Miguel Angel Mota**: A reflection principle compatible with the continuum large (2)
 - 17:05 – 17:30: **Victor Torres**: Rado’s Conjecture, Saturation of the nonstationary ideal on ω_1 , and two cardinal diamonds
- Wednesday, June 17, 2009
 - 08:50 – 09:40: **Joel David Hamkins**: General relations of the set-theoretic universe to its forcing extensions and grounds
 - 10:00 – 10:50: **Stephen Jackson**: New partition results from AD
 - 11:00 – 11:50: **Benedikt Löwe**: Eventually Different Forcing at the Second Level of the Projective Hierarchy
 - 12:15 – 16:45: **social event: Mostalm**
- Thursday, June 18, 2009
 - 08:50 – 09:40: **Matt Foreman**: Inner models for huge cardinals and Strong Chang’s Conjecture
 - 10:05 – 10:55: **Tetsuya Ishiu**: A precipitous club guessing ideal on ω_1
 - 11:10 – 11:35: **Teruyuki Yorioka**: CCC without random reals
 - 11:45 – 12:10: **Assaf Rinnot**: Diamond on successors of singulars
 - Lunch break
 - 14:10 – 15:00: **Heike Mildenberger**: Proper translation
 - 15:15 – 16:05: **Janusz Pawlikowski**: Playing with countable support iteration
 - 16:30 – 16:55: **Marcin Sabok**: On forcing with σ -ideals of closed sets
 - 17:05 – 17:30: **Natasha Dobrinen**: Tukey degrees of ultrafilters

- Friday, June 19, 2009

08:50 – 09:40: **Ilijas Farah**: Nonseparable UHF algebras

10:05 – 10:55: **J. Donald Monk**: Towers in Boolean algebras

11:10 – 11:35: **Bernhard Koenig**: Different ways to produce non-special ω_2 -Aronszajn trees

11:45 – 12:10: **Victoria Gitman**: Ramsey-like cardinals

Lunch break

14:10 – 15:00: **Ralf Schindler**: Bounded forcing axioms and reflection

15:15 – 16:05: **Mack Stanley**: The Largest Cardinal and the Inner Model Hypothesis

16:30 – 16:55: **Philipp Schlicht**: Thin equivalence relations in scaled pointclasses

17:05 – 17:30: **Vincenzo Dimonte**: Non-proper elementary embeddings beyond $L(V_{\lambda+1})$

All lectures take place in the ESI Boltzmann Lecture Hall.

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