

RIMS Workshop
Interplay between large cardinals and small cardinals

Oct. 25 (Mon.) – 28 (Thu.), 2010

Research Institute for Mathematical Sciences,
Kyoto University, Japan

Organizer: Hiroshi Sakai (Kobe University)

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Oct. 25 (Mon.)

10:30 – 10:40 Opening

10:40 – 11:10 Masaru Kada (Osaka Prefectural University)
“Remarks on Scheepers’ theorem on the cardinality of Lindelöf spaces”

11:20 – 11:50 Tadatoshi Miyamoto (Nanzan University)
“A class of preorders iterated under a type of RCS”

Lunch break

13:30 – 14:30 Matthew Foreman (U.C. Irvine)
minicourse part 1 : “Chang’s Conjecture, generic elementary embeddings and inner models for huge cardinals”

14:50 – 15:50 Lajos Soukup (Hungarian Academy of Sciences)
minicourse part 1 : “Large cardinals and pcf theory in topology and infinite combinatorics”

16:10 – 16:40 Jun Nakamura (Waseda University)
“Amalgamated free products of n -slender groups”

Oct. 26 (Tue.)

9:30 – 10:30 Matthew Foreman (U.C. Irvine)
minicourse part 2 : “Chang’s Conjecture, generic elementary embeddings and inner models for huge cardinals”

10:50 – 11:50 Lajos Soukup (Hungarian Academy of Sciences)
minicourse part 2 : “Large cardinals and pcf theory in topology and infinite combinatorics”

Lunch break

13:30 – 14:30 Teruyuki Yorioka (Shizuoka University)
TBA

14:45 – 15:45 Toshimichi Usuba (Nagoya University)
“Stationary reflection principles on $[\lambda]^\omega$ ”

16:00 – 17:00 Christoph Weiss (Ludwig-Maximilians-Universität München)
“The combinatorial essence of supercompactness”

Oct. 27 (Wed.)

9:30 – 10:30 Matthew Foreman (U.C. Irvine)
minicourse part 3 : “Computing Quotient Algebras for generic elementary embeddings”

10:50 – 11:50 Lajos Soukup (Hungarian Academy of Sciences)
minicourse part 3 : “Large cardinals and pcf theory in topology and infinite combinatorics”

Lunch break

13:30 – 14:30 Sakaé Fuchino (Kobe University)
“Openly generated Boolean algebras under FRP”

14:50 – 15:50 Masahiro Shioya (University of Tsukuba)
“Chang’s conjecture for triples revisited”

16:10 – 16:40 Tristan Bice (Kobe University)
“MAD Families of Projections and Real Valued Functions”

Oct. 28 (Thu.)

9:30 – 10:00 Hiroshi Sakai (Kobe University)
“Stationary reflection, semi-stationary reflection and combinatorics”

10:10 – 10:40 Ryosuke Kamijo (Waseda University)
“The homeomorphism on plane”

11:00 – 12:00 Daisuke Ikegami (University of Helsinki)
“Real determinacy and Real Blackwell determinacy”

Lunch break

13:00 – 16:00 Problem Session & Free Discussion

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