



RIMS WORKSHOP

Infinite Combinatorics and Forcing Theory

Date: Nov. 28 (Mon) – Dec. 1 (Thu), 2016

Place: Room 111 at the Research Institute for Mathematical Sciences (RIMS)

November 28 (Mon)

11月28日(月)

10:00 – 10:15 Opening announcement

10:20 – 11:00 David Chodounsky (Institute of Mathematics of the Czech Academy of Science)
Mathias-Prikry forcing and generic ultrafilters

11:10 – 11:50 Jörg Brendle (Kobe University) ブレンドル ヤーグ (神戸大学)
Maximal trees

13:20 – 14:10 Natasha Dobrinen (University of Denver)
Ramsey theory in forcing, I

14:20 – 15:00 Jiachen Yuan (Chinese Academy of Science)
A Geometric condition of extender-based Prikry forcing

15:20 – 16:00 Liuzhen Wu (Chinese Academy of Science)
Hamel basis without well-ordering on \mathbb{R}

16:10 – 16:50 Tadatoshi Miyamoto (Nanzan University) 宮元忠敏 (南山大学)
Forcing a Morass by Finite Side Conditions

November 29 (Tue)

11月29日(火)

9:30 – 10:10 Diego A. Mejía (Shizuoka University) メヒア ディエゴ (静岡大学)
The left side of Cichoń's diagram

10:20 – 11:00 André Ottenbreit Maschio Rodrigues (Kobe University)
On some downwards transfer properties on Foreman-Laver model

11:10 – 12:00 Natasha Dobrinen (University of Denver)
Ramsey theory in forcing, II

13:30 – 14:20 Yinhe Peng (University of Toronto)
Negative partition relations on ω_1 , I

14:30 – 15:10 Sakaé Fuchino (Kobe University) 瀧野昌 (神戸大学)
Reflection theorems on non-existence of orthonormal bases of pre-Hilbert spaces

15:30 – 16:10 Hiroshi Sakai (Kobe University) 酒井拓史 (神戸大学)
On strong negation of FRP

November 30 (Wed)

11月30日(水)

9:30 – 10:10 David Schritterser (University of Copenhagen)
Infinite combinatorics, definability and forcing

10:20 – 11:00 Jonathan Verner (Charles University)
Ultrafilters and Towers

11:10 – 12:00 Yinhe Peng (University of Toronto)
Negative partition relations on ω_1 , II

December 1 (Thu)

12月1日(木)

9:30 – 10:10 Fabiana Castiblanco (Universität Münster)
Preserving sharps by tree forcings

10:20 – 11:00 Daisuke Ikegami (Tokyo Denki University)
Boolean valued second order logic

池上大祐 (東京電機大学)

11:10 – 12:00 Natasha Dobrinen (University of Denver)
Ramsey theory in forcing, III

13:30 – 14:20 Yinhe Peng (University of Toronto)
Negative partition relations on ω_1 , III

14:30 – 15:10 Diana Carolina Montoya (Kurt Gödel Research Center)
Coherent systems of finite support iterations

15:30 – 16:10 Toshimichi Usuba (Waseda University)
Definability of grounds in ZF

薄葉季路 (早稲田大学)

Organizer: Teruyuki Yorioka

依岡輝幸 (静岡大学)

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workshop url: <http://www.ipc.shizuoka.ac.jp/~styorio/rims16/>



Scientific Committee: Jörg Brendle, Kobe University

Diego A. Mejía, Shizuoka University