

**Research Trends on Set-theoretic and Geometric Topology
and their cooperation with various branches**

RIMS meeting
June 12 -- 14, 2017



Room 111, Research Institute for Mathematical Sciences, Kyoto University
Access: <http://www.kurims.kyoto-u.ac.jp/en/access-01.html>

Program

(* denotes the speaker)

Jun. 12 (Mon)

13:30 -- 14:10 Masami Sakai (Faculty of Science, Kanagawa University)

On monotonically retractable spaces

14:20 -- 15:00 Shin-ichi Oguni (Graduate School of Science and Engineering, Ehime University)

On coarse homotopy

15:10 -- 15:50 Shoji Yokura (Graduate School of Science and Engineering, Kagoshima University)

On decomposition spaces, Alexandroff spaces and related topics

16:00 -- 16:40 Hisao Kato (Institute of Mathematics, University of Tsukuba)

On topological entropy and topological structures of continua

Jun. 13 (Tue), morning session

9:40 -- 10:20 Alejandro Dorantes-Aldama* (Graduate School of Science and Engineering, Ehime University, Foreign Visiting Researcher)

Dmitri Shakhmatov (Graduate School of Science and Engineering, Ehime University)

Compactness properties defined by open-point games

10:30 -- 11:10 Shousuke Ohmori (Faculty of Science and Engineering, Waseda University)

A product space of $\{0,1\}$ and an abstract polycrystal

11:20 -- 12:00 Victor Hugo Yañez* (Graduate School of Science and Engineering, Ehime University, M1),

Dmitri Shakhmatov (Graduate School of Science and Engineering, Ehime University)

Groups with many small subgroups

Jun. 13 (Tue), afternoon session

14:00 -- 14:40 Yasushi Hirata* (Faculty of Engineering, Kanagawa University),
Yukinobu Yajima (Faculty of Engineering, Kanagawa University)

C*- , C - and P-embedding in products of countable discrete spaces

14:50 -- 15:30 Takamitsu Yamauchi (Graduate School of Science and Engineering, Ehime University)
Decomposition complexity and property A for coarse spaces

15:40 -- 16:20 Yasser Fermán Ortiz Castillo (Instituto de Matemática e Estatística da Universidade de São Paulo, Brasil, Postdoctoral Researcher)

Crowded pseudocompact Tychonoff spaces of cellularity at most the continuum are resolvable

Jun. 14 (Wed)

9:20 -- 10:00 Xabier Domínguez* (Departamento de Matemáticas, University of A Coruña, Spain),
H. J. Bello (Departamento de Física y Matemática Aplicada, University of Navarra, Spain),
M. J. Chasco (Departamento de Física y Matemática Aplicada, University of Navarra, Spain),
M. Tkachenko (Departamento de Matemáticas, Universidad Autónoma Metropolitana, Mexico D. F., Mexico)

Some recent results on quasi-homomorphisms and extensions of topological abelian groups

10:10 -- 10:50 Hayato Imamura (Graduate School of Fundamental Science and Engineering, Waseda University, D2)

Markov-like generalized inverse systems and their limits

11:00 -- 11:40 Koichi Motooka* (Graduate School of Science and Engineering, Ehime University, D3)
Takamitsu Yamauchi (Graduate School of Science and Engineering, Ehime University)

Another proof of a theorem of van Mill and Wattel on weak selections

Organizer: Kazumi Miyazaki
(Osaka Sangyo University)