

RIMS Conference

New Transformation groups and its related topics

May 23-26, 2016

Research Institute for Mathematical Sciences, Kyoto Univ. Room111

Organizer: Ryousuke Fujita (University of Fukui)

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Program

May 23 (Mon)

13 : 10 Opening

13 : 15~14 : 15 Tomohiro Kawakami (Wakayama University)

 An equivariant definable version of a theorem of J.H.C. Whitehead

14 : 30~15 : 30 Norihiko Minami (Nagoya Institute of Technology)

 On the motivic stable homotopy groups

15 : 45~16 : 45 Fumihiro Ushitaki (Kyoto Sangyo University)

 Transformation groups and finite topological spaces

 (To the memory of Dr.Susumu Kono)

May 24 (Tue)

9 : 30~10 : 30 Takuya Shimokawa (Tokyo University of Science)

 On the groups of isometries of simple para-Hermitian symmetric spaces

10 : 45~11 : 45 Takao Satoh (Tokyo University of Science)

 On the $SL(m, \mathbb{C})$ -representation rings of free groups and the Johnson
 homomorphisms

13 : 15~14 : 15 Shintaro Kuroki (Okayama University of Science)

 Flagified Bott manifolds and their maximal torus actions

14 : 30~15 : 30 Takahiko Yoshida (Meiji University)

 Equivariant local index and symplectic cut

15 : 45~16 : 45 Masayuki Yamasaki (Okayama University of Science)

 On rotation numbers of regular closed curves on surfaces

May 25 (Wed)

- 9 : 30~10 : 10 Seiji Nagami (Setsunan University)
 Borsuk-Ulam Theorem and cobordism
- 10 : 45~11 : 45 Miho Hatanaka (Osaka City University)
 Cohomology representations of toric manifolds associated to graphs
- 13 : 15~14 : 15 Masafumi Sugimura (Okayama University)
 Remark on the Inverse limit of Burnside ring
- 14 : 30~15 : 30 Fumihito Oda (Kindai University)
 Some units of the partial Burnside ring of a finite Coxeter group
- 15 : 45~16 : 45 Ikumitsu Nagasaki (Kyoto Prefectural University of Medicine)
 On estimates of isovariant Borsuk-Ulam constants

May 26 (Thu)

- 9 : 20~10 : 00 Yusuke Suyama (Osaka City University)
 Toric Fano varieties associated to finite simple graphs
- 10 : 10~11 : 10 Yasuhiro Hara (Osaka University)
 Study on the cohomology rings of free transformation groups
- 11 : 20~11 : 50 Ryousuke Fujita (University of Fukui)
 On the Pólya's Theorem
- 11 : 55 Closing