

May 16, 2008

Geometry of Transformation Groups and Related Topics

RIMS workshop
May 19 –23, 2008

Research Institute for Mathematical Sciences, Kyoto University,
Kyoto 606-8502, Japan

Program

May 19 (Mon)

- 13:30~14:20 Tomohiro Kawakami (Wakayama Univ.)
raising differentiability of a definable C^2 manifold and its definable C^2 submanifolds
- 14:30~15:20 Fumihito Ushitaki(Kyoto Sangyo Univ.)
Classification of isovariant maps to representation spheres and their examples
- 15:30~16:20 Kazushi Ahara (Meiji Univ.)
TBA
- 16:30~17:20 Ueno Kohei (Kyoto Univ.)
Dynamics of symmetric holomorphic maps on projective spaces

May 20 (Tue)

- 10:00~10:50 Norihiko Minami(Nagoya Institute of Technology)
Lurie's quasi category Yoneda's lemma
- 11:00~11:50 XianMeng JU(Okayama Univ.)
The Smith Set of the Group $S_5 \times C_2 \times \dots \times C_2$
- 13:30~14:20 Masaharu Morimoto (Okayama Univ.)
Tangential representations at fixed points
- 14:30~15:20 Yasuhiko Kitada (Yokohama National Univ.)
TBA
- 15:30~16:20 Keita Yamasaki (Osaka Univ.)
On the Chevalley-Koszul complex
- 16:30~17:20 Kojun Abe (Shinshu Univ.)
The first homology group of the equivariant Lipschitz homeomorphisms

May 21 (Wed)

10:00~10:50 Shingo Okuyama (Takuma National College of Technology)
Partial monoid structures on abelian group

11:10~12:00 Kazuhisa Shimakawa(Okayama Univ.)
On diffeology

13:30~14:20 Takao Satoh(Osaka Univ.)
On the image of the Burau representation of the IA-automorphism group of a free group

14:30~15:20 Qayum Khan (Vanderbilt Univ.)
The Nil-Nil theorem in algebraic K-theory

15:30~16:20 Ikumitsu Nagasaki(Kyoto Prefectural University of Medicine)
Isovariant homotopy classes and multidegrees of isovariant maps

16:30~17:20 Yoshimi Shitanda (Meiji Univ.)
Borsuk's antipodal theorem for set-valued mappings

May 22 (Thu)

10:00~10:50 Masayuki Yamasaki(Okayama Univ. of Science)
Local indices of a vector field at boundary singularities

11:10~12:00 Naoyuki Monden (Osaka Univ.)
Generating the mapping class group of a punctured surface by involutions

14:00~14:50 Hajime Fujita (Univ. of Tokyo)
Heisenberg action in skein theory and external edge condition

14:30~15:20 Mikiya Masuda(Osaka City Univ.)
Real Bott towers

15:30~16:20 Admi Nazra(Tokyo Metropolitan Univ.)
Seifert fibred structure and rigidity on real Bott towers

16:30~17:20 Kohhei Yamaguchi(Univ. of Electro-Communications)
Simplicial resolutions and its applications

May 23 (Fri)

10:00~10:50 Masatsugu Nagata(Kyoto Univ.)
Almost G-isovariant maps under the gap hypothesis

11:10~12:00 Toshio Sumi(Kyushu Univ.)
Smith equivalent representations for finite Oliver groups with nontrivial center

Organizer : Yasuhiro Hara (Osaka University)