

The 40th Symposium on Transformation Groups

We are pleased to announce the 40th Symposium on Transformation Groups. This symposium is supported by

- Grants-in-Aid for Scientific Research (B) 22340014, Norio Iwase (Kyusyu University),
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Date: December 5 -7, 2013

Place: Meiji University Nakano Campus, Research Seminar Room 3 (6F)

Address: 4-21-1 Nakano, Nakano-ku, Tokyo, 164-8525, Japan

Access: 8 minutes on foot from JR Chuo/Sobu, and Subway Tozai Line, Nakano Station

Program

December 5 (Thu)

13:00~14:00 Edivaldo Lopes dos Santos (Federal University of Sao Carlos)
On the existence of G -equivariant maps

14:15~14:45 Ye Liu (Hokkaido University)
Homology of the quotient space of the n -torus with respect to a conjugation \mathbb{Z}_2 -action

15:00~16:00 Masaharu Morimoto (Okayama Univeristy)
Equivariant transversality theorem and Smith equivalence

16:15~17:15 Masayuki Yamasaki (Okayama University of Science)
Higher Intersections in Dimension 4

December 6 (Fri)

9:15~10:15 Tatsuru Takakura (Chuo University)
An explicit formula for vector partition functions and applications

10:30~11:30 Taro Suzuki (Chuo Univeristy)
On the cohomology of multiple weight varieties

13:00~14:00 Tatsuya Horiguchi (Osaka City Univeristy)
Equivariant cohomology rings of $(n - k, k)$ -Springer varieties

14:15~15:15 Takashi Sato (Kyoto Univeristy)
GKM theory and its applications to exceptional flag manifolds

15:30~16:30 Sho Hasui (Kyoto Univeristy)
On the topological classification of quasitoric manifolds

16:45~17:45 Shintaro Kuroki (Osaka City University Advanced Mathematical Institute)
On classifications of a certain class of 6-dimensional torus manifolds

December 7 (Sat)

9:15~10:15 Naoto Yotsutani (University of Science and Technology of China)
Secondary polytopes and Chow Stability

10:30~11:30 Akira Tanaka (Tokyo Metropolitan University)
Complex contact structures on nilmanifolds

13:00~14:00 Takao Satoh (Tokyo University of Science)
On the rings of $SL(2, \mathbb{C})$ -characters of free abelian groups of finite rank

14:15~15:15 Sören Illman (University of Helsinki)
P.A. Smith theory for general spaces

Organizers: Tomohiro Kawakami (Wakayama University)
Takahiko Yoshida (Meiji University)