

The 43rd Symposium on Transformation Groups

We are pleased to announce the 43rd Symposium on Transformation Groups. This symposium is supported by

- Grant-in-Aid for Scientific Research (B) 15H03617, Nariya Kawazumi (The University of Tokyo),
- Grant-in-Aid for Scientific Research (C) 15K04852, Yoshinobu Kamishima (Josai University),
- Grant-in-Aid for Scientific Research (C) 16K05151, Toshio Sumi (Kyushu University),
- Grant-in-Aid for Scientific Research (C) 16K05152, Mikiya Masuda (Osaka City University),
- Grant-in-Aid for Scientific Research (C) 26400090, Masaharu Morimoto (Okayama University),
- Grant-in-Aid for Young Scientists(B) 15K17531, Shintaro Kuroki (Okayama University of Science).

Date: November 17–19, 2016

Place: Himeji Civic hall

Address: Soshahon-machi 112, Himeji, Hyogo, Japan 670-0015

Access: 15 minutes on foot from JR Himeji station to northeast

Program

November 17 (Thu)

13:30–14:20 Seonjeong Park (OCAMI)

Cohomological rigidity of 6-dimensional quasitoric manifolds

14:35–15:25 Tatsuya Horiguchi (OCAMI)

Hessenberg varieties and hyperplane arrangements

15:40–16:30 Takao Satoh (Tokyo University of Science)

On the cohomology groups of the IA-automorphism groups of free groups of rank three

November 18 (Fri)

9:40–10:30 Kathryn Lesh (Union College)

Tits buildings and fixed points of decomposition spaces

10:50–11:40 Alastair Darby (Fudan University)

Algebraic PL-Invariants

13:30–14:20 Hiraku Nozawa (Ritsumeikan University)

Topology of Sasakian manifolds and torus actions

14:40–15:30 Jongbaek Song (KAIST)

Weighted Stanley-Reisner ring and the Equivariant cohomology ring of a singular toric variety

15:50–16:40 Ivan Limonchenko (Fudan University)

On topology of toric spaces arising from 2-truncated cubes

17:00–17:50 Yasuhiko Kitada (Yokohama National University) and Maki Nagura (Yokohama National University)

First Pontrjagin classes of manifolds homotopy equivalent to $CP(2k)$

November 19 (Sat)

9:40–10:30 Norihiko Minami (Nagoya Institute of Technology)

On the Morel-Voevodsky K -theory Representability Theorem

10:50–11:40 Takuo Matsuoka (The University of Tokyo)

Higher coherence and higher theories of algebraic structures

13:30–14:20 Masaharu Morimoto (Okayama University) and Masafumi Sugimura (Okayama University)

Limits of the Burnside rings and their relations

14:40–15:30 Krzysztof Pawalowski (Adam Mickiewicz University)

Smooth actions on complex projective spaces

Organizers: Shintaro Kuroki (Okayama University of Science)

Yasuzo Nishimura (Fukui University)