

One day seminar on transformation groups

Dates: Nov 11 (Tue) , 2014

Venue: Osaka City University (Sugimoto Campus)

Room 301 at Math. Department (No. 29 on campus map)

Address: 3-3-138 Sugimoto, Sumiyoshi-ku, Osaka 558-8585, Japan

<http://www.osaka-cu.ac.jp/english/info/campusmap.html>

This seminar is an activity of JSPS Program for Advancing Strategic International Networks to Accelerate the Circulation of Talented Researchers:

“Mathematical Science of Symmetry, Topology and Moduli, Evolution of International Research Network based on OCAMI”

9:20 – 10:00 Hiraku Abe (OCAMI)

On some simplicial Z_2 -actions and Stiefel-Whitney numbers of toric manifolds

10:10 – 10:40 Miho Hatanaka (Osaka City Univ.)

On the relation between root systems and facet vectors of graph associahedrons

11:00 – 11:30 Tatsuya Horiguchi (Osaka City Univ.)

The equivariant cohomology rings of regular nilpotent Hessenberg varieties (Joint work with H. Abe, M. Harada and M. Masuda)

11:40 – 12:10 Yusuke Suyama (Osaka City Univ.)

Simplicial 2-spheres obtained from non-singular complete fans

12:20 – 12:50 Hideya Kuwata (Osaka City Univ.)

On finiteness of global sections of a line bundle on a nice topological toric manifold

14:30 – 15:10 Anton Ayzenberg (Osaka City Univ.)

Sheaves of exterior algebras over Buchsbaum posets

15:20 – 16:00 Marek Kaluba (Adam Mickiewicz Univ.)

Finite perfect group actions on complex projective spaces

16:20 – 17:00 Taras Panov (Moscow State Univ.)

Localisation formulae and functional equations in equivariant cobordism

17:10 – 17:50 Krzysztof Pawalowski (Adam Mickiewicz Univ.)

Global-local properties of manifolds with group actions

Organizer, Mikiya Masuda (Osaka City Univ.)