

# The 41th Symposium on Transformation Groups

We are pleased to announce the 41th Symposium on Transformation Groups. This symposium is supported by

- Grants-in-Aid for Scientific Research (B) 24340011, Mikio Furuta (The University of Tokyo),
- Grants-in-Aid for Scientific Research (C) 24540081, Kazuhisa Shimakawa (Okayama University),
- Grants-in-Aid for Scientific Research (C) 25400095, Mikiya Masuda (Osaka City University),
- Grants-in-Aid for Scientific Research (C) 26400090, Masaharu Morimoto (Okayama University).

**Date:** November 13 -15, 2014

**Place:** Gamagori City Hall

**Address:** 3-30 Sakae-cho, Gamagori, Aichi, 443-0035, Japan

**Access:** 5 minutes on foot from JR Tokaido and Meitetsu Gamagori Line, Gamagori Station

## *Program*

### **November 13 (Thu)**

13:30~14:30 Mikiya Masuda (Osaka City University)  
Cohomology of toric origami manifolds

14:45~15:45 Masaharu Morimoto (Okayama University)  
Topological equivalence relations on representation spaces

16:00~17:00 Kohhei Yamaguchi (University of Electro-Communications)  
Atiyah-Jones type problem for the space of holomorphic maps on a certain toric variety

### **November 14 (Fri)**

9:30~10:30 Shintaro Kuroki (The University of Tokyo)  
On the extension of torus actions on GKM manifolds

10:45~11:45 Toshio Sumi (Kyushu Univeristy)  
Construction of gap modules

13:15~14:15 Megumi Harada (McMaster University & Osaka City Univeristy)  
Newton-Okounkov bodies, representation theory, and Bott-Samelson varieties

14:30~15:30 Krzysztof Pawalowski (Adam Mickiewicz University)  
Transformation groups and Hsiangs' conviction after 46 years

15:45~16:45 Marek Kaluba (Adam Mickiewicz University)  
Group actions on a class of 7-manifolds

17:00~18:00 Norihiko Minami (Nagoya Institute of Technology)  
TBA

### **November 15 (Sat)**

9:30~10:30 Tatsuhiko Yagasaki (Kyoto Institute of Technology)  
Homeomorphism groups of non-compact surfaces endowed with the Whitney topology

10:45~11:45 Ikumitsu Nagasaki (Kyoto Prefectural Univ. of Medicine)  
On bi-isovariantly equivalent representations

13:15~14:15 Taras Panov (Moscow State University)  
On the rational formality of toric spaces and polyhedral products

14:30~15:30 Zhi Lu (Fudan University)  
Equivariant unitary bordism and equivariant cohomology Chern numbers

**Organizers:** Takahiko Yoshida (Meiji University)  
Yasuhiro Hara (Osaka University)