

# Toric Topology, Algebraic Topology and Combinatorics

Date: August 30th (Sat), 2014

Venue: Osaka City Univeristy, General Research Building 301

- 10:00–10:50 Yusuke Suyama (Osaka City U, M2)  
Simplicial 2-spheres obtained from non-singular complete fans
- 11:00–11:50 Hideya Kuwata (Osaka City U, D2)  
Equations defining  $\mathbb{C}P^2 \# \mathbb{C}P^2$
- 12:00–12:50 Anton Ayzenberg (Osaka City U)  
Acyclicity defining in simplicial complexes
- 14:00–14:50 Shintaro Kuroki (U of Tokyo)  
On invariants of GKM graphs obtained from sheaves on labelled graphs
- 15:00–15:50 Hirofumi Nakai (Tokyo City U)  
On the chromatic hierarchy of cohomology theories
- 16:10–17:00 Yasuzo Nishimura (Fukui U)  
Origami and mathematical education