

# Program (Toric Topology 2022 in Osaka)

Time: 40min(talk)+10min(questions)

## March 23rd (Wednesday)

Osaka, Seoul/ Shanghai/ Chennai

**10:00–10:50**/9:00–9:50/6:30–7:20

**Suyoung Choi** (Ajou University)

Cohomological rigidity for Bott manifolds

**11:00–11:50**/10:00–10:50/7:30–8:20

**Shogo Sugimoto** (Waseda University)

A Chevalley formula for the factorial GP functions

12:00–12:50/**11:00–11:50**/8:30–9:20

**Song Zhang** (Fudan University)

Topics about complex and real toric spaces

Break

14:00–14:50/13:00–13:50/**10:30–11:20**

**Subhankar Sau** (ISI Kolkata)

On cohomology of (quasi)toric manifolds over a vertex cut of a finite product of simplices

**15:00–15:50**/14:00–14:50/11:30–12:20

**Ryusei Yoshise** (Kyushu University)

Relative version of fillable complex and Whitehead products in moment-angle complex

**16:00–16:50**/15:00–15:50/12:30–13:20

**Sho Hasui** (Osaka Prefecture University)

The Stiefel-Whitney classes of a moment-angle manifold are trivial

## March 24th (Thursday)

Osaka, Seoul/ Shanghai/ Chennai

10:00–10:50/**9:00–9:50**/6:30–7:20

**FeiFei Fan** (South China Normal University)

Toric spaces and face enumeration on simplicial manifolds

11:00–11:50/**10:00–10:50**/7:30–8:20

**Shen Qifan** (Fudan University)

On string quasitoric manifolds and their underlying polytopes

12:00–12:50/**11:00–11:50**/8:30–9:20

**Shuya Cai** (Fudan University)

Constructing Bieberbach groups from a quotient of the orbit braid group

Break

14:00–14:50/13:00–13:50/**10:30–11:20**

**Koushik Brahma** (IIT MADRAS)

Generalized equivariant cohomologies of simplicial GKM manifolds complexes

**15:00–15:50**/14:00–14:50/11:30–12:20

**Takashi Sato** (Kyoto University)

Regular semisimple Hessenberg varieties whose cohomology rings are generated by elements of degree 2

16:00–16:50/**15:00–15:50**/12:30–13:20

**Bo Chen** (Huazhong University of Science and Technology)

Equivariant Bordism of 2-Torus Manifolds and Unitary Toric Manifolds

## March 25th (Friday)

Osaka, Seoul/ Shanghai/ Chennai

**10:00–10:50**/9:00–9:50/6:30–7:20

**Jiyeon Moon** (Seoul National University)

Real Lagrangian submanifolds in toric symplectic del Pezzo surfaces

11:00–11:50/**10:00–10:50**/7:30–8:20

**Jingfang Lian** (Fudan University)

Twisted Milnor Hypersurfaces

12:00–12:50/**11:00–11:50**/8:30–9:20

**Hao Li** (National University of Singapore)

Iterated residue formula of generalized Bott manifolds and its applications

Break

14:00–14:50/13:00–13:50/**10:30–11:20**

**Jyoti Dasgupta** (Indian Institute of Science Education and Research Pune)

Seshadri constants of equivariant vector bundles on toric varieties

**15:00–15:50**/14:00–14:50/11:30–12:20

**Donghoon Jang** (Pusan National University)

Almost complex torus manifolds - graphs, Hirzebruch genera, and problem of Petrie type