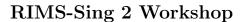
Singularity theory and geometric topology





Date: October 24th (Monday), 2022 – October 27th (Thursday), 2022

Venue: Room 420, Research Institute for Mathematical Sciences, Kyoto University, Japan. HP: http://www.math.kobe-u.ac.jp/HOME/saji/math/conf2022/spmon/index.html

[Program]

October 24th (Monday)	
14:40-15:30	Osamu Saeki (Kyushu University) Special generic maps I
15:50-16:40	Seiichi Kamada (Osaka University) Graphic descriptions of topological objects, I
October 25th (Tuesday)	
9:30–10:20	Yuya Koda (Hiroshima University) Singularity theory in the study of mapping class groups of Heegaard splittings, I
10:40-11:30	İnanç Baykur (University of Massachusetts Amherst/Harvard University) Four-manifolds via singular fibrations - I
13:30-14:20	Osamu Saeki (Kyushu University) Special generic maps II
14:40-15:30	Osamu Saeki (Kyushu University) Singular fibers of generic maps I

Graphic descriptions of topological objects, II

15:50–16:40 Seiichi Kamada (Osaka University)

October 26th (Wednesday)

9:30–10:20 İnanç Baykur (University of Massachusetts Amherst/Harvard University)
Four-manifolds via singular fibrations - II

10:40–11:30 Osamu Saeki (Kyushu University)
Singular fibers of generic maps II

13:30–14:20 Osamu Saeki (Kyushu University)
Simplifying generic maps I

14:40–15:30 Jorge Martín-Morales (University of Zaragoza)
An overview of the algorithms for computing the Bernstein-Sato polynomial

15:50–16:40 Yuya Koda (Hiroshima University)
Singularity theory in the study of mapping class groups of

October 27th (Thursday)

9:30–10:20 Jorge Martín-Morales (University of Zaragoza)

Monodromy conjecture and zeta functions via resolution of singularities

10:40–11:30 Osamu Saeki (Kyushu University) Simplifying generic maps II

Heegaard splittings, II

Organizers:

Benoît Guerville-Ballé (Kyoto University, Research Institute for Mathematical Sciences)

Kentaro Saji (Kobe University)

Masatomo Takahashi (Muroran Institute of Technology),

Minoru Yamamoto (Hirosaki University)

Takahiro Yamamoto (Tokyo Gakugei University)

Kaoru Ono (Kyoto University, Research Institute for Mathematical Sciences)