RIMS symposium
# Set-Theoretic and Geometric Topology, and their applications to related fields
June 6 -- 8, 2022
Online via Zoom

## Program

(\* Speaker)

**June 6 (Mon)**

12:50      Opening

13:00 -- 13:50   Yuji Akaike\* (National Institute of Technology, Kure College)

Kazuo Tomoyasu (National Institute of Technology, Miyakonojo College)

Perfectness of Higson type compactifications

14:05 -- 14:55   Thomas Weighill (The University of North Carolina at Greensboro)

Takamitsu Yamauchi\* (Ehime University)

Nicolò Zava (Institute of Science and Technology Austria)

Coarse infinite-dimensionality of hyperspaces of finite subsets

15:10 -- 16:00   Tomohiro Fukaya (Tokyo Metropolitan University)

Visual maps between coarsely convex spaces

**June 7 (Tue) Morning Session**

9:00 -- 9:50      Katsuhisa Koshino (Kanagawa University)

Characterizing compact sets in $L^p$-spaces and its application

10:05 -- 10:55   Yoshiyuki Oshima (Shimane University, D3)

Some theorems on inverse limits with monotone upper semi-continuous bonding functions

11:10 -- 12:00   Hisao Kato (University of Tsukuba)

Masahiro Matsumoto\* (Japan Woman's University)

On dynamical systems of finite-dimensional compact metric spaces and finite-to-one zero-dimensional covers

12:00 -- 13:30   Lunch break

June 7 (Tue) Afternoon Session

13:30 -- 14:20     Makoto Kurosaki

     Dowker spaces constructed by Z.Balogh

14:35 – 15:25     Yasushi Hirata* (Kanagawa University)

      Nobuyuki Kemoto (Oita University)

      Haruto Ohta (Shizuoka University)

    C*- and P-embeddings in z-neighborhood-sublinear spaces

15:40 -- 16:30     Sakaé Fuchino (Kobe University)

    On reflection, hereditarity, and absoluteness of topological properties


June 8 (Wed)

9:00 -- 9:50       Takuma Imamura (AaaS Bridge, inc.)

    A unified framework for small-scale topology and large-scale topology

10:05 -- 10:55     Yoshito Ishiki (RIKEN, Photonics Control Technology Team)

    Topological embeddings into the Gromov–Hausdorff space

11:10 -- 12:00     Takamichi Sato (Waseda Research Institute for Science and
      Engineering)

    Subgroups of R. Thompson's group F

12:00            Closing


      Organizer: Eiichi Matsuhashi (Shimane University)