



RIMS symposium (open)

**Set-Theoretic and Geometric Topology,  
and their applications to related fields**

June 10 -- 12, 2026

Room 110, Research Institute for Mathematical Sciences, Kyoto University

**Program**

(\* Speaker)

June 10 (Wed.)

12:50            Opening

13:00 -- 13:45    Eiichi Matsuhashi (Shimane University)

The Non-existence of Common Models for Certain Classes of Continua

14:00 -- 14:45    Nobuyuki Kemoto (Oita University)

The topology of a topological sum of orderable spaces is induced by  
the union of two order topologies

15:00 -- 15:45    Yukinobu Yajima\* (Kanagawa University)

Yasushi Hirata (Kanagawa University)

Perfect pre-image of  $\alpha D$ -spaces and the products with a metric factor

June 11 (Thu.) Morning Session

09:20 -- 10:05    Hiroaki Nagaya (Hiroshima University, D3)

A properness criterion for natural actions on homogeneous spaces  
through the Higson compactification

10:20 -- 11:05    Katsuhisa Koshino (Kanagawa University)

Isometries between spaces of uniformly continuous and  
lipschitz continuous pseudometrics

11:05 -- 13:00    Lunch break

June 11 (Thu.) Afternoon Session

13:00 – 13:45 Takamitsu Yamauchi (Ehime University)

Dynamic asymptotic dimension and equivariant asymptotic dimension

14:00 -- 14:45 Arimoto Ryoya (The Polytechnic University of Japan)

Operator algebras associated with the canonical action of  
the Thompson group  $V$

15:00 -- 15:45 Motoko Kato (University of the Ryukyus)

On a construction of uncountably many finitely generated simple groups  
of homeomorphisms of the circle

June 12 (Fri.)

09:20 -- 10:05 Yuya Kodama (Kagoshima University)

Distortions in the Lodha–Moore group

10:20 -- 11:05 Tatsuhiko Yagasaki (Kyoto Institute of Technology)

On a metric on the power set of a group

11:05 Closing

Organizer: Takamichi Sato (Oita University)