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Interface of **M**ultiparameter **P**ersistence
and **R**epresentation Theory **I**nterleaved
with **N**ew **T**opics

February 1–5, 2027

Okinawa Institute of Science and Technology (OIST), Lab 4, L4E48

Minicourses

- Emerson Escolar (Kobe University)
  Title: Describing Persistence: Invariants, their Properties and Comparisons
- Charles Paquette (Royal Military College of Canada)
  Title: Representation varieties, stability, and invariant theory,
  with a view toward multiparameter persistence

Keynote Speakers

- Yasuaki Hiraoka (Kyoto University)
- Osamu Iyama (The University of Tokyo)
- Hiroyuki Nakaoka (University of the Ryukyus)

Invited Speakers

- Toshitaka Aoki (Kobe University)
- Hideto Asashiba (Shizuoka University & Kyoto University)
- Ben Blum-Smith* (Johns Hopkins University)
- Yuichi Ike (The University of Tokyo)
- Enhao Liu (Kyoto University)
- Yuya Mizuno (Osaka Metropolitan University)
- Nao Mochizuki (Nagoya University)
- Daisie Rock (KU Leuven)
- Lukas Waas* (Oxford University)

(*: To be confirmed)

Discussion Panel

Topic: AI in Mathematical Research and Beyond

Organizing Committee: Sota Asai (The University of Tokyo), Emerson Escolar (Kobe University), Kaveh Mousavand (OIST), Liron Speyer (OIST), Michio Yoshiwaki (Tohoku University)

This is a J-PEAKS Partnership Workshop.
Partners: OIST, The University of Tokyo, Tohoku University, University of the Ryukyus