

ICM regional satellite event

Japan forum associated with ICM 2022

RIMS Kyoto
June 13–14, 2022

<https://www.mathsoc.jp/activity/meeting/JapanForum2022/>

Program

June 13 (Mon), 2022

- 13:30–13:35** Opening address
- 13:40–13:55** Senjo Shimizu (President of MSJ, Kyoto Univ.)
Presentation of Mathematical Society of Japan
- 14:00–14:45** Tadahisa Funaki (Univ. Tokyo/Waseda Univ./YMSC)
Hydrodynamic limit and stochastic PDEs related
to interface motion
Chairman: Takashi Kumagai (Waseda Univ.)
- 15:00–15:45** Yoshiko Ogata (Univ. Tokyo)
Classification of gapped ground state phases in quantum
spin systems
Chairman: Yasuyuki Kawahigashi (Univ. Tokyo)
- 16:00–16:45** Keita Yokoyama (Tohoku Univ.)
Reverse mathematics from multiple points of view
Chairman: Sakaé Fuchino (Kobe Univ.)

June 14 (Tue), 2022

- 10:00–10:45** Benoît Collins (Kyoto Univ.)
Weingarten calculus and its applications
Chairman: Narutaka Ozawa (Kyoto Univ.)
- 11:00–11:45** Hiroshi Iritani (Kyoto Univ.)
On decompositions of quantum cohomology D-modules
Chairman: Takuro Mochizuki (Kyoto Univ.)
- 13:30–14:15** Shu Kato (Kyoto Univ.)
The formal model of semi-infinite flag manifolds
Chairman: Masaki Kashiwara (Kyoto Univ.)

14:30–15:15 **Atsushi Ichino (Kyoto Univ.)**
Theta lifting and Langlands functoriality
Chairman: Tamotsu Ikeda (Kyoto Univ.)

15:25–15:30 Closing

Japan's National Committee
for IMU

