

Himeji Conference on Partial Differential Equations Program 2021

March 4 (Thursday)

- 13:00 – 13:30** HIROSHIMA, Fumio (Kyushu University)
Localization of the ground state of the Nelson model
- 13:45 – 14:15** TAKEI, Yumiko (Kwansei Gakuin University)
WKB analysis via topological recursion for hypergeometric differential equations
- 14:35** Conference picture
- 14:40 – 15:10** FURUTANI, Kenro (OCAMI, Osaka City University)
Calabi-Yau structure and a Bargmann type transformation on the Cayley projective plane
- 15:25 – 15:55** ISHIWATA, Satoshi (Yamagata University)
Geometric analysis on manifolds with ends
- 16:10 – 16:40** HIGUCHI, Kenta (Ritsumeikan University)
Semiclassical resonances generated by crossings of classical trajectories
- 16:45 – ...** Free discussion on spatial chat

March 5 (Friday)

- 13:00 – 13:30** RICHARD, Serge (Nagoya University)
Bibliometric analysis on mathematics, 3 snapshots: 2005, 2010, 2015
- 13:45 – 14:15** NIIKUNI, Hiroaki (Maebashi Institute of Technology)
Edge states of Schrödinger equations on graphene with zigzag boundaries
- 14:40 – 15:10** NAKANO, Fumihiko (Tohoku University)
Scaling limit of eigenvalues and eigenfunctions of 1-dimensional random Schrödinger operators
- 15:25 – 15:55** KAMIMOTO, Joe (Kyushu University)
Asymptotic analysis of oscillatory integrals with degenerate phases
- 16:10 – 16:40** KAMEOKA, Kentaro (The University of Tokyo)
Resonances and complex absorbing potential method for the Wigner-von Neumann type Hamiltonian
- 16:45 – ...** Free discussion on spatial chat

Organized by : FUJII, S., HOSHIRO, T., ISOZAKI, H., IWASAKI, C., NAGAYASU, S.,
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