

Himeji Conference on Partial Differential Equations

Program 2025

March 3 (Monday)

- 14:00–14:50** ISHIDA, Atsuhide (Tokyo University of Science)
Stummel-type perturbations for fractional and relativistic Schrödinger operators
- 15:05–15:35** HOSHIYA, Akitoshi (The University of Tokyo)
Semiclassical limit of orthonormal Strichartz estimates on scattering manifolds
- 16:00–16:50** PARRA, Daniel (University of La Frontera)
Eigenvalue Asymptotics near a flat band

March 4 (Tuesday)

- 9:45–10:35** KAWAMOTO, Masaki (Okayama University)
Global well-posedness for nonlinear Schrödinger equations below the Strauss exponent
- 11:00–11:50** SAKAMOTO, Shota (Kyushu University)
Global solutions to the non cutoff Boltzmann equation with low-regularity initial data
- 14:00–14:50** GELL-REDMAN, Jesse (The University of Melbourne)
The Feynman propagator for the Klein-Gordon equation
- 15:05–15:35** LOUATRON, Vincent (Ritsumeikan University)
Resonances for matrix-valued Schrödinger operators via normal forms
- 16:00–16:30** KATO, Koichi (Nagoya University)
Topological crystals: Independence of spectral properties with respect to reference systems
- 16:45–17:35** KAMIMOTO, Shingo (Kanazawa University)
Resurgence of WKB solutions

March 5 (Wednesday)

- 10:00–10:30** TAKIZAWA, Shun (Tokyo University of Science)
Boundedness of propagators for Dirac equations with potentials on Wiener amalgam spaces
- 11:00–11:50** MIZUTANI, Haruya (Osaka University)
Uniform resolvent and smoothing estimates for the Heisenberg sublaplacian

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