Himeji Conference on Partial Differential Equations Program 2024

March 4 (Monday)

14:00–14:50   MINE, Takuya   (Kyoto Institute of Technology)
Asymptotics of IDS for the random point interactions

15:05–15:35   TAGAWA, Tomoya   (The University of Tokyo)
Low energy LAP for slowly decaying attractive potentials

16:00–16:50   BOURNE, Chris   (Nagoya University)
Spectral and topological properties of quantum walks

March 5 (Tuesday)

9:45–10:35   NATSUME, Toshikazu
A secondary index for certain non-Fredholm operators

11:00–11:50   BANERJEE, Rudrajit   (Okinawa Institute of Science and Technology)
From Riemannian to Lorentzian manifolds: complex metrics and the Wick rotated heat semigroup

14:00–14:50   MIYAO, Tadahiro   (Hokkaido University)
Stability of charge density waves in electron-phonon systems

15:05–15:35   NAKAHASHI, Wataru   (Tokyo University of Science)
Non-Smoothness of the fundamental solutions for Schrödinger equations with super-quadratic and radially symmetric potentials

16:00–16:30   ISHIDA, Akari   (Nagoya University)
A depth-dependent stability estimate in an iterative method for solving a Cauchy problem for the Laplace equation

16:45–17:35   YOSHIDA, Naoya   (Ritsumeikan University)
Trace asymptotics for the Iwatsuka Hamiltonian with strong electric field

March 6 (Wednesday)

9:45–10:35   PARK, Kanam   (National Institute of Technology, Toba College)
Birational representations of affine Weyl groups arising from a Lax form of the q-Painlevé equation of type $E_6^{(1)}$

11:00–11:50   MASAKI, Satoshi   (Hokkaido University)
Global existence and asymptotic behavior in nonlinear Schrödinger systems without null and dissipative structure

Organized by : HIGUCHI, K., HIROTA, K., ITAKURA, K., KAMEOKA, K., NAGAYASU, S., RICHARD, S., TAIRA, K., WATANABE, T., YOSHIDA, N.