Himeji Conference on Partial Differential Equations
Program 2023

March 3 (Friday)

14:00–14:45   WROCHNA, Michal   (Cergy Paris Université)
Complex powers of the wave operator on asymptotically Minkowski spaces

15:00–15:30   MURAMATSU, Ryo   (Tokyo University of Science)
Wave front set of solutions to Schrödinger equations with time-dependent magnetic fields

16:00–16:45   DUONG, Anh Tuan   (Hanoi University of Science and Technology)
Optimal Liouville-type theorems for system of parabolic inequalities

17:00–17:30   ISHIDA, Hiroto   (University of Hyogo)
The Poisson problems on domains with holes concentrated at subsets of a domain

March 4 (Saturday)

10:00–10:45   MERZ, Konstantin (Technische Universität Braunschweig / Osaka University)
Random Schrödinger operators with complex decaying potentials

11:00–11:45   TANAKA, Yohei   (Shinshu University)
A topological index for one-dimensional quantum walks with asymptotically periodic parameters

14:00–14:45   TANDA, Mika   (Kwansei Gakuin University)
The asymptotic expansions of the hypergeometric function with respect to parameter

15:00–15:45   GOTO, Yukimi   (Kyushu University)
Spontaneous mass generation and chiral symmetry breaking in a lattice Nambu-Jona-Lasinio model

16:15–17:00   TAIRA, Kouichi   (Ritsumeikan University)
Remarks on spectral theory and self-adjointness of wave operators

March 5 (Sunday)

10:00–11:45   Free discussions

Organized by : FUJIIE, S., HIROTA, K., HOSHIRO, T., ITAKURA, K., NAGAYASU, S.,
NOMURA, Y., RICHARD, S., TAIRA, K., UMEDA, T., WATANABE, T.,
and YOSHIDA, N.