Himeji Conference on Partial Differential Equations Program 2019

March 4 (Monday)

13:40 – 14:30   DROUOT, Alexis   （Columbia University）
Topological edge states in continuous honeycomb lattices

14:40 – 15:30   UEDA, Yoshihiro   （Kobe University）
Characterization of the decay structure for a dissipative linear system

16:00 – 16:50   OGURISU, Osamu
Quantum search on simplicial complexes

17:00 – 17:50   MASAMUNE, Jun   （Hokkaido University）
A generalized conservation property for the heat semigroup on weighted manifolds

March 5 (Tuesday)

10:00 – 10:50   SUKOCHEV, Fedor   （University of New South Wales）
Quantum differentiability on quantum tori

11:00 – 11:50   YAMANE, Hideshi   （Kwansei Gakuin University）
Asymptotic analysis for the integrable discrete nonlinear Schrödinger equation

13:40 – 14:30   SHIMAKURA, Norio
Fonctions Génératrices des Pôlynomes sur le Simplexe

14:40 – 15:30   KAKEHI, Tomoyuki   （University of Tsukuba）
Mean value operators on noncompact symmetric spaces

16:00 – 16:50   PARRA, Daniel   （The University of Tokyo）
Low-energy asymptotics in perturbed periodically twisted quantum waveguides

17:00 – 17:50   MIKAMI, Keita   （The University of Tokyo）
Semiclassical defect measures and observability estimate for Schrödinger operators
with homogeneous potentials of order zero

March 6 (Wednesday)

10:00 – 10:50   BOUSSAID, Nabile   （Université de Franche-Comté）
On stability of solitary waves of the nonlinear Dirac equation in the non-relativistic limit

11:00 – 11:50   WATANABE, Takuya   （Ritsumeikan University）
Width of semiclassical resonances above an energy level crossing

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