

Himeji Conference on Partial Differential Equations Program 2015

March 5 (Thursday)

- 13:30 – 14:20** SHIMAKURA, Norio (Professor Emeritus at Tohoku University)
Bases biorthogonales de polynômes et leurs fonctions génératrices
- 14:30 – 15:20** KAMVISSIS, Spyridon (University of Crete)
Integrable PDEs and Nonlinear Steepest Descent
- 15:40 – 16:30** MIYANISHI, Yoshihisa (Osaka University)
A Feynman path integral-like method of quantization on Riemannian manifolds and related problems
- 16:40 – 17:30** BAUER, Wolfram (Hannover University)
Compactness characterization of operators in the Toeplitz algebra

March 6 (Friday)

- 9:30 – 10:20** JENSEN, Arne (Aalborg University)
Perturbation of embedded eigenvalues for Schrödinger type operator
- 10:30 – 11:20** MINE, Takuya (Kyoto Institute of Technology)
Spectral shift function for the magnetic Schrödinger operators
- 11:30 – 12:20** ISHIDA, Atsuhide (Otemon Gakuin University)
Non-existence of the wave operators for the repulsive Hamiltonians
- 14:00 – 14:50** Chang, Der-Chen (Georgetown University)
Heat Kernel Asymptotic Expansions for the Heisenberg SubLaplacian and the Grushin Operator (joint work with Yutian Li)
- 15:00 – 15:50** FURUTANI, Kenro (Science University of Tokyo)
Spectrum of the sub-Laplacian and Laplacian on nilmanifolds attached to Clifford modules and isospectral, non-diffeomorphic manifolds
- 16:10 – 17:00** KAMETAKA, Yoshinori (Professor Emeritus at Osaka University)
The best constant of discrete Sobolev inequality on C60 Fullerene

March 7 (Saturday)

- 9:30 – 10:20** ITO, Kenichi (Kobe University)
Stationary scattering theory on manifold with ends
- 10:30 – 11:20** TIEDRA de ALDECOA, Rafael (Pontificia Universidad Católica de Chile)
Commutator criteria for strong mixing

Organized by : HOSHIRO, T., IWASAKI, C., NAGAYASU, S. and UMEDA, T. (University of Hyogo)
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