

# Himeji Conference on Partial Differential Equations

## Program 2014

### February 20 (Thursday)

- 10:00 – 10:50** GRUBB, Gerd (Professor Emeritus at University of Copenhagen)  
Boundary problems for fractional Laplacians and the mu-transmission calculus
- 11:00 – 11:50** SCHROHE, Elmar (University of Hannover)  
Solvability of a degenerate boundary value problem
- 13:30 – 14:20** SHIMAKURA, Norio (Professor Emeritus at Tohoku University)  
Sur des Variétés Grassmanniennes
- 14:30 – 15:20** MOCHIZUKI, Kiyoshi (Professor Emeritus at Tokyo Metropolitan University)  
Resolvent estimates and smoothing properties for magnetic Schrödinger operators in 2D exterior domain
- 15:40 – 16:30** RICHARD, Serge (Nagoya University)  
Asymptotic expansions at embedded thresholds
- 16:40 – 17:30** YOSHINO, Kunio (Tokyo City University)  
Eigenvalues of Daubechies localization operators and Hyperfunctions

### February 21 (Friday)

- 10:00 – 10:50** SAITO, Yoshimi (Professor Emeritus at University of Alabama)  
2-scale convergence on manifold
- 11:00 – 11:50** TAMURA, Mitsuji (Tokyo University of Science)  
On the global Carleman estimate and its applications
- 13:30 – 14:20** DERMENJIAN, Yves (Professor Emeritus at Aix-Marseille University)  
Carleman estimates for some non-smooth anisotropic media
- 14:30 – 15:20** BENABDALLAH, Assia (Aix-Marseille University)  
Minimal time for the null controllability of parabolic systems:  
the effect of the index of condensation of complex sequences
- 15:40 – 16:30** HOSHIRO, Toshihiko (University of Hyogo)  
Resonances of the Dirac operator on manifolds: examples in hyperbolic surfaces

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