Progress in Variational Problems
- Variational Methods in the Study of Evolution Equations -

RIMS conference

Organizers: Futoshi Takahashi (Osaka City Univ.),
Michinori Ishiwata (Fukushima Univ.)

June 6 (Mon.) - June 8 (Wed.), 2011

Research Institute for Mathematical Sciences (RIMS),

4F Lecture Room 420, Kyoto University,

June 6 (Mon.)

14:00∼14:50 Mieko Tanaka（Tokyo University of Science）

Existence of the Fučík type spectrums for the generalized p-Laplace operators

15:00∼15:50 Junichi Harada（Waseda）

Stable and unstable solutions to Laplace equations with nonlinear boundary conditions

16:00∼16:50 Yoshie Sugiyama (Osaka City Univ.)

Asymptotic stability of stationary solutions to degenerate Keller-Segel systems

Session − Variational Methods in the Study of Evolution Equations −

（Session organizer: M. Ishiwata）

June 7 (Tue.)

10:00∼10:50 Ken Shirakawa (Chiba)

One-dimensional phase field system motivated by grain boundary motion

11:00∼11:50 Kazuhiro Ishige (Tohoku)

Heat equation with a singular boundary condition and the trace-Hardy inequality

13:10∼14:00 Ki-Ahm Lee (Seoul)

Variational and nonvariational method in the homogenizations

14:10∼15:00 Kenji Nakanishi (Kyoto)

Global dynamics beyond the ground state energy for nonlinear wave equations

15:10∼16:00 Noriko Mizoguchi (Tokyo Gakugei Univ.)

Transversality of stable and Nehari manifolds for a semilinear heat equation

16:10∼17:00 Kin Ming Hui (Academia Sinica)

Collapsing behaviour of the logarithmic diffusion equation

18:30∼ Banquet

June 8 (Wed.)

9:30∼10:20 Michiaki Onodera (Tohoku)

Profiles of solutions to an integral system related to the weighted Hardy-Littlewood-Sobolev inequality

10:30∼11:20 Atsushi Kosaka (Osaka Prefecture Univ.)

Properties of the least-energy solutions to semilinear equations with exponential nonlinearity

11:30∼12:20 Kazushige Nakagawa (Saitama)

The Phragmén-Lindelöf theorem for L^p-viscosity solutions