

The 23rd Kyushu Symposium of Partial Differential Equations

Organizers: Mitsuhiro Nakao (Kyushu University)
Shuichi Kawashima (Kyushu University)
Shin-Ichiro Ei (Kyushu University)
Yoshiyuki Kagei (Kyushu University)

Date : January 30 – February 1, 2006

Venue : Kyushu University (Hokozaki Campus) International Hall

Program

January 30 (Monday)

- 14 : 00 ~ 14 : 50 Yasumasa Nishiura (Hokkaido University)
Pulse dynamics in heterogenous media
- 15 : 00 ~ 15 : 50 Chao-Nien Chen (National Changhua University of Education, Taiwan)
Reaction-diffusion systems with skew-gradient structure
- 16 : 10 ~ 17 : 00 Hideo Ikeda (Toyama University)
Front dynamics of some reaction-diffusion system near a bifurcation point

January 31 (Tuesday)

- 10 : 00 ~ 10 : 50 Tetsu Mizumachi (Kyushu University)
Instability of vortex solitons for 2D focusing NLS
- 11 : 00 ~ 11 : 50 Kimie Nakashima (Tokyo University of Marine Science and Technology)
Morse indices of radially symmetric solutions with clustering layers in Allen-Cahn equation
- 14 : 00 ~ 14 : 50 Tohru Nakamura (Tokyo Institute of Technology)
Asymptotic decay of solutions toward the stationary waves for the compressible Navier-Stokes equation in half space

- 15 : 00 ~ 15 : 50 Toshiaki Hishida (Niigata University)
Yoshihiro Shibata (Waseda University)
Stability of the Navier-Stokes flow around a rotating obstacle
- 16 : 10 ~ 17 : 00 Katsuya Inui (Keio University)
Uniform local solvability for the Navier-Stokes equations with the
Coriolis force
(joint work with Y. Giga, A. Mahalov and S. Matsui)

Banquet

February 1 (Wednesday)

- 10 : 00 ~ 10 : 50 Takafumi Hosono (Kyushu University)
Large time behavior of solutions to a dissipative wave equation in
higher space dimensions
- 11 : 00 ~ 11 : 50 Masahito Ohta (Saitama University)
Stability of solitary waves for the Ostrovsky equation
- 14 : 00 ~ 14 : 50 Hideaki Sunagawa (Tsukuba University)
Large-time behavior of solutions to nonlinear Schrödinger systems
- 15 : 00 ~ 15 : 50 Tadayoshi Adachi (Kobe University)
On the Mourre estimates for three body Schrödinger operators in
a constant magnetic field
- 16 : 10 ~ 17 : 00 Mikio Tsuji (Kyoto Sangyo University)
On the extension of solutions of nonlinear hyperbolic equations

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