The 27th Kyushu Symposium on Partial Differential Equations

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

Date   January 25 – January 27, 2010
Venue   Kyushu University Nishijin Plaza

Program

January 25 (Monday)

14 00 14 50   Eiji Yanagida (Tohoku University)
Homoclinic and heteroclinic connections in a semilinear parabolic equation

15 00 15 50   Hirokazu Ninomiya (Meiji Univeristy)
Traveling segments and rotating waves of wave front interaction model

16 10 17 00   Jong-Shenq Guo (National Taiwan Normal University)
Traveling waves of two-component reaction-diffusion systems arising in autocatalytic models

January 26 (Tuesday)

10 00 10 50   Yasuhiro Fujita (Toyama University)
Some topological results for minimal uniqueness sets of Hamilton-Jacobi equations

11 00 11 50   Yuki Naito (Ehime University)
Critical phenomena in linear elliptic problems with Hardy potential

14 00 14 50   Masaru Ikehata (Gunma University)
The probe and enclosure methods for inverse obstacle scattering problems. The past and present.

15	00	15	50	Hiroyuki Chihara (Kagoshima University) Schrödinger flow into almost Hermitian manifolds
16	10	17	00	Tohru Ozawa (Waseda University) Global Cauchy problem for Klein-Gordon equations with quadratic nonlinearity

Banquet

January 27 (Wednesday)

10	00	10	50	Luis Miguel Rodrigues (University of Lyon) Vortex-like finite-energy asymptotic profiles for isentropic compressible flows
11	00	11	50	Yoshihiro Ueda (Tohoku University) Stability of planar stationary waves for multi-dimensional damped wave equation with nonlinear convection
14	00	14	50	Yongqin Liu (Kyushu University) Estimates on solutions to initial value problem for quasilinear dissipative plate equation
15	00	15	50	Jaeyoung Byeon (POSTECH) Variational, finite dimensional reduction and hybrid methods to construct standing waves for NLS
16	10	17	00	Shinya Nishibata (Tokyo Institute of Technology) Relaxation and classical limits for quantum hydrodynamic model for semiconductors