



2012

NCTS (Taiwan)-POSTECH (Korea) Joint Workshop on Partial Differential Equations

The purpose of this workshop is to enhance communications among partial differential equations and related fields in Taiwan and Korea, with the hope of leading to collaborations between mathematicians of these two countries.

Invited Speakers:

From Taiwan

- I-Kun Chen** (National Chiao Tung University)
Boltzmann Equation, Schrödinger Equation.
- Ching-Hsiao (Arthur) Cheng** (National Central University)
Fluid Mechanics, Free Boundary Problems.
- Jann-Long Chern** (National Central University)
Nonlinear Elliptic Systems, Hardy-Sobolev Type Equations.
- Jong-Sheng Guo** (Tamkang University)
Parabolic PDE, Lattice Dynamical System, Mathematical Biology.
- Jin-Cheng Jiang** (National Tsing-Hua University)
4th order Schrödinger equation, Boltzmann equation.
- Chiun-Chang Lee** (National Hsinchu University of Education)
Nonlinear Schrödinger Equation, Mathematical Biology.
- Chi-Kun Lin** (National Chiao Tung University)
Mathematical Physics and Related PDE, Nonlinear Analysis.
- Dong-Ho Tsai** (National Tsing-Hua University)
Geometric analysis and Related PDE.
- Je-Chiang Tsai** (National Chung Cheng University)
Reaction-Diffusion System.
- Feng-Bin Wang** (Chang Gung University)
Mathematical Ecology, Reaction-Diffusion Equations of Competition Models.

From Korea

- Jaeyoung Byeon** (POSTECH)
Nonlinear Elliptic Problems.
- Hyung Ju Hwang** (POSTECH)
Vlasov-Poisson Equation, Mathematical Biology.
- Myoungjean Bae** (POSTECH)
Transonic Shocks.
- Namkwon Kim** (Chosun University)
Nonlinear Elliptic Problems (Chern-Simons-Higgs Theory), Fluid Mechanics.
- Yonggeun Cho** (Chonbuk National University)
Hyperbolic PDEs.
- Bongsuk Kwon** (UNIST)
Hyperbolic PDEs, Cahn-Hilliard Systems.
- Seunghyuk Kim** (POSTECH, graduate student)
Nonlinear Elliptic Problems by Variational Methods.
- Jaewoo Jung** (POSTECH, graduate student)
The Singularity of Vlasov-Poisson System in Nonconvex Domains.

Organizers:

- Sze-Bi Hsu** (National Tsing-Hua University, Taiwan)
- Chiun-Chuan Chen** (National Taiwan University, Taiwan)
- Jann-Long Chern** (National Central University, Taiwan)
- Jaeyoung Byeon** (POSTECH, Korea)

Venue:

NCTS, 4th Floor, The 3rd General Building,
National Tsing-Hua University, Hsinchu, Taiwan

