


Date | 2024.6.11-15

Venue | R515 Cosmology
Bldg. NTU

NCTS
National Center for Theoretical Sciences

 Pacific Institute
for the
Mathematical Sciences

NCTS X PIMS workshop in PDE

Aim & Scope

This is a joint workshop between NCTS and PIMS, aimed at promoting research collaboration and fostering exchanges between Taiwan and Canada. We hope to continue this positive trend through this workshop and further enhance our collaboration. The subject of this workshop focuses on PDE. More specifically, following topics will be emphasized in this workshop:

- 1 geometry and analysis of dispersive equations
- 2 regularity for solutions of certain fundamental equations
- 3 hyperbolic problems in traffic flow, kinetic theory and the material sciences
- 4 modern approaches to asymptotic analysis in the calculus of variations
- 5 universal inequalities in relevant function spaces
- 6 elliptic and parabolic equations

Invited Speakers

I-Kun Chen

National Taiwan University

Jia-Yuan Dai

National Chung Hsing University

Stephen Gustafson

The University of British Columbia

Slim Ibrahim

University of Victoria

Jin-Cheng Jiang

National Tsing Hua University

Young-Heon Kim

The University of British Columbia

Tai-Chia Lin

National Taiwan University

Van Tien Nguyen

National Taiwan University

Weiran Sun

Simon Fraser University

Tai-Peng Tsai

The University of British Columbia

Jenn-Nan Wang

National Taiwan University

Chang-Hong Wu

National Yang Ming
Chiao Tung University

Xinwei Yu

University of Alberta

Shih-Hsien Yu

Academia Sinica

Organizers

Chiun-Chuan Chen

National Taiwan University

Slim Ibrahim

University of Victoria

Chun-Hsiung Hsia

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