Date | 2024.6.11-15   Venue | R515 Cosmology Bldg. NTU

NCTS
National Center for Theoretical Sciences

PIMS Pacific Institute *for the* Mathematical Sciences

NCTS ✕ 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

Hsin-Yuan Huang
National Yang Ming
Chiao Tung University

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

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Organizers

Chiun-Chuan Chen	National Taiwan University
Slim Ibrahim	University of Victoria
Chun-Hsiung Hsia	National Taiwan University
Jin-Cheng Jiang	National Tsing Hua University
Tai-Peng Tsai	The University of British Columbia
Kung-Chien Wu	National Cheng Kung University