

Workshop on PDEs in Direct and Inverse Problems 2019

November 29 (Friday), 2019 ~ November 30 (Saturday), 2019
Hiroshima University, Graduate School of Education, Room C419
739-8524 1-1-1 Kagamiyama, Higashi-Hiroshima, Japan

Program

November 29

13:30 ~ 14:20 **Yavar Kian** (Univ. d'Aix-Marseille, France)

Inverse problem for diffusion equations using single measurement

14:30 ~ 15:25 **Yikan Liu** (Hokkaido Univ., Japan)

Inverse problems for hyperbolic-type equations with time-dependent principal parts

15:40 ~ 16:30 **Petr Siegl** (Queen's Univ. Belfast, UK)

The damped wave equation with unbounded damping: spectra and pseudospectra

16:45 ~ 17:35 **Masahito Ohta** (Tokyo Univ. of Science, Japan)

Instability of standing waves for nonlinear Schrödinger equations with delta potential

18:30 ~ 20:30 Banquet

November 30

10:00 ~ 10:50 **Wenhui Chen** (TU Bergakademie Freiberg, Germany)

Decay properties and diffusion phenomena for elastic waves with different damping mechanisms

11:10 ~ 12:00 **Motohiro Sobajima** (Tokyo Univ. of Science, Japan)

Global existence of solutions to semilinear damped wave equation with slowly decaying initial data in exterior domain

13:30 ~ 14:20 **Dao Tuan Anh** (TU Bergakademie Freiberg, Germany)

L^1 estimates for oscillating integrals and their applications to parabolic like semi-linear structurally damped σ -evolution models

14:40 ~ 15:30 **Hironori Michihisa** (Hiroshima Univ., Japan)

Thresholds for low regularity solutions to wave equations with structural damping

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