

The 42th Kyushu Symposium on Partial Differential Equations

Date : January 27 – January 29, 2025

Venue : Kyushu University, Nishijin Plaza

<https://nishijinplaza.kyushu-u.ac.jp/english/index.php>

Program

January 27 (Monday)

- 14:00 – 14:50 Naoyasu Kita (Kumamoto University)
Refined L^2 -decay estimate of solutions to some dissipative nonlinear Schrödinger equations
- 15:00 – 15:50 Kyouhei Wakasa (Muroran Institute of Technology)
Decay estimates for the wave equations with nonlinear damping in one space dimension
- 16:10 – 17:00 Lorenzo Cavallina (Tohoku University)
Beyond two-phase: elliptic and parabolic overdetermined problems in general multi-phase settings, including potentially infinite phases

January 28 (Tuesday)

- 10:00 – 10:50 Keisuke Takasao (Kyoto University)
Singular limit of the weighted Allen-Cahn equation
- 11:00 – 11:50 Okihiro Sawada (Kitami Institute of Technology)
Remarks on the reaction diffusion equations and time evolution operators
- Lunch break-
- 14:00 – 14:50 Masataka Shibata (Meijo University)
Asymptotic properties of positive solutions to double-power nonlinear stationary Schrödinger equations

- 15:00 – 15:50 Hirokazu Ninomiya (Meiji University)
Chemotactic motions by area-preserving curvature flows
- 16:10 – 17:00 Tohru Ozawa (Waseda University)
Characterization of the time-dependent free Schrödinger operator
by the Galilei invariance

January 29 (Wednesday)

- 10:00 – 10:50 Hung-Wen Kuo (National Cheng Kung University)
Coupling and propagation of singularities in the initial layer for
Boltzmann equation
- 11:00 – 11:50 Junya Nishiguchi (Tohoku University)
Mild solutions for retarded systems in Banach spaces

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- Scientific Research (A) 24H00185 (Y. Kagei)
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Challenging Research (Exploratory) 21K18588 (J. Segata)

Organizers:

- Jun-ichi Segata (Kyushu University)
Shuichi Kawashima (Waseda University)
Yoshiyuki Kagei (Institute of Science Tokyo)
Takashi Senba (Fukuoka University)
Jan Brezina (Kyushu University)
Shota Sakamoto (Kyushu University)
Taiki Takeuchi (Kyushu University)
Nobuhito Miyake (Kyushu University)
Yohei Yamazaki (Kyushu University)