

Workshop on Reaction-Diffusion Equations and Related Stochastic Topics

Date : November 24th (Fri), 2023

Venue : Conference Room A, Building 62W (62W-01-07A)
Nishi Waseda Campus, Waseda University
3-4-1 Okubo, Shinjuku-ku, Tokyo

Program

- 10:30~11:15 **Itsuki Watanabe** (Waseda University)
High density limit for nonlocal cross-diffusion model with self-diffusion
- 11:25~12:10 **Kanako Suzuki** (Ibaraki University)
Stability and instability of stationary solutions to reaction-diffusion-ODE systems
- 12:10~13:40 (lunch)
- 13:40~14:25 **Yoshihisa Morita** (Professor Emeritus of Ryukoku University)
Stable solutions to reaction-diffusion systems with conservation law
- 14:35~15:20 **Bin Xie** (Shinshu University)
Stochastic partial differential equations with reflecting walls
- 15:20~15:50 (coffee time)
- 15:50~16:35 **Tatsuki Kawakami** (Ryukoku University)
Solvability of the heat equation on a half-space with a dynamical boundary condition
- 16:45~17:30 **Dan Goreac** (Shandong University/Université Gustave Eiffel)
On the motivation and analysis of a porous media Schrödinger equation

Organizers

Reika Fukuizumi (Waseda University)

Kousuke Kuto (Waseda University)