

Mathematics and Physics Unit “Multiscale Analysis, Modelling and Simulation”  
Top Global University Project, Waseda University

## Waseda Workshop on Partial Differential Equations

Date: December 20, 2018

Venue: Meeting Room, Bldg. 62, Nishi-waseda Campus, Waseda University

早稲田大学 西早稲田キャンパス 62号館 W棟 1階 大会議室

- 10:00 – 11:20 Shih-Hsien Yu (National University of Singapore)  
Green’s functions and Well-posedness of Compressible Navier-Stokes equation
- 11:30 – 12:30 Shinya Nishibata (Tokyo Institute of Technology)  
Stationary waves for symmetric hyperbolic systems in half space
- (Lunch time)
- 14:20 – 15:20 Yoshihiro Ueda (Kobe University)  
Analysis of the dissipative structure for the symmetric hyperbolic system with non-symmetric relaxation
- (Coffee break)
- 15:50 – 16:50 Keiichi Kato (Tokyo University of Science)  
Wave packet transform and existence of solutions to Schrödinger equations
- 17:00 – 18:00 Tatsuo Iguchi (Keio University)  
Initial value problem to a shallow water model with a floating solid body
- (18:00 – Reception)

Organized by Yoshihiro Shibata, Shuichi Kawashima, Hideo Kozono, Tohru Ozawa

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