

# Workshop on Hyperbolic and Dispersive PDEs in Fukuoka

**Dates:** 10:00 – 16:50, February 10th, 2018

**Places:** IMI Conference Room  
(West Zone 1, Building D, Room 414, Ito Campus)  
Faculty of Mathematics, Kyushu University,  
Fukuoka 819-0395, JAPAN

## Program

- 10:00 – 10:50 Yasunori Maekawa (Kyoto University)  
On axisymmetrization and boundary layer in the two-dimensional exterior flow around a fast rotating disk
- 11:00 – 11:50 Ryosuke Hyakuna (Waseda University)  
Cauchy problem of nonlinear Schrödinger equations with rapidly decaying initial data
- 11:50 – 13:40 Lunch
- 13:40 – 14:30 Takamori Kato (Saga University)  
Almost sure global well-posedness for fourth order Schrödinger type equations on the torus
- 14:40 – 15:30 Satoshi Masaki (Osaka University)  
On threshold solution for mass-subcritical gKdV equation
- 15:50 – 16:50 Herbert Koch (Universität Bonn)  
A continuous family of conserved energies for NLS, KdV, mKdV and Gross-Pitaevskii

Organizers: Jun-ichi Segata (Tohoku University)  
Ryo Takada (Kyushu University)

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