

# Workshop on Nonlinear Dispersive PDEs

以下の要領で研究集会「Workshop on Nonlinear Dispersive PDEs」を開催いたします。奮ってご参加下さい。

日時：平成 24 年 8 月 29 日 (水) 13:30– 8 月 30 日 (木) 15:20

/ Date : August 29, 2012, 13:30– August 30, 15:20

会場：東北大学大学院理学研究科合同 A 棟 801 号室

/ Place : Room. 801, Science Complex A, Tohoku University

## Program

### August 29 (Wed)

- 10:00 ~ 10:50      Norihisa Ikoma (Tohoku University)  
On behaviors of minimizing sequences for some nonlinear Schrödinger system
- 11:00 ~ 11:50      Tadahiro Oh (Princeton University)  
TBA
- Lunch-
- 14:00 ~ 14:50      Tomoyuki Niizato (Osaka University)  
Almost global existence of solutions to the Kadomtsev-Petviashvili equations
- 15:00 ~ 15:50      Kotaro Tsugawa (Nagoya University)  
Unconditional well-posedness of the fifth order modified KdV equation with periodic boundary condition
- 16:00 ~ 16:50      Soonsik Kwon (KAIST)  
On the fifth-order KdV equations

### August 30 (Thu)

- 10:00 ~ 10:50      Masashi Aiki (Keio University)  
Motion of a vortex filament with axial flow in the half space
- 11:00 ~ 11:50      Tadahiro Oh (Princeton University)  
TBA
- Lunch-
- 14:00 ~ 14:50      Kohei Soga (Waseda University)  
Stochastic and variational approach to finite difference methods
- 15:00 ~ 15:50      Ryo Takada (Kyoto University)  
Dispersion phenomena in the rotating Navier-Stokes equations

### 組織委員 / Organizers

瀬片 純市 (東北大学) / Jun-ichi Segata (Tohoku University)

福泉 麗佳 (東北大学) / Reika Fukuizumi (Tohoku University)

前田 昌也 (東北大学) / Masaya Maeda (Tohoku University)