

Workshop on Nonlinear Dispersive PDEs

以下の要領で研究会「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) 10:00– 8 月 30 日 (木) 15:50

/ Date : August 29, 2012, 10:00– August 30, 15:50

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)
Invariant weighted Wiener measure for the derivative NLS
- 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)
On the Cauchy problem of the one-dimensional cubic NLS in the low regularity setting
- 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 亜佳 (東北大学) / Reika Fukuizumi (Tohoku University)

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