Workshop on solitary waves and related topics

2010　7　15　（　）, 16　（　）

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10:00–11:00 Dmitry Pelinovsky (McMaster University, Canada)
Asymptotic stability of solitons in the discrete nonlinear Schrodinger equations (Talk 1)

11:30–12:30 Kazuyuki Yoshimura (NTT Communication Science Laboratories)
Stability of discrete breathers in diatomic Fermi-Pasta-Ulam type lattices

14:00–15:00 Toshiyuki Ogawa (Osaka University)
Wave bifurcations in a 3-component reaction-diffusion system

15:10–16:10 Isamu Ohnishi (Hiroshima University)
Structure of binary digit of memory and its application to some functional analysis

16:20–17:20 Masaya Maeda (Kyoto University)
Stabilization of ground states of NLS via fourth order dispersion term

17:30–18:30 Nakamura Yoshihisa (Kumamoto University)
Blow-up solutions to nonlinear Schrödinger equation with Stark potential

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9:30–10:30 Dmitry Pelinovsky (McMaster University, Canada)
Ground and excited states of the Gross-Pitaevskii equation with a harmonic potential (Talk 2)

11:00–12:00 Reika Fukuizumi (Tohoku University)
Diffusion-approximation for a stochastic GP equation

13:00–14:00 Hiroaki Kikuchi (Hokkaido University)
Existence and non-existence of solution for the elliptic equation with harmonic potential and Sobolev critical/supercritical nonlinearity

14:10–15:10 Naoyasu Kita (Miyazaki University)

On the nonlinear Schrödinger equation with complex coefficient

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