第７回 名古屋微分方程式研究集会
The 7th Nagoya Workshop on Differential Equations

日時：平成２７年３月３日（火）〜 ３月５日（木）/ Date: March 3 — 5, 2015
会場：名古屋大学 多元数理科学棟 509 号室 / Place: Rm. 509, Math. Bldg., Nagoya University

プログラム / Program

３月３日（火）/ March 3

13:30 – 14:20

寺澤 祐高（名古屋大学）　Yutaka Terasawa (Nagoya University)

Lipschitz truncation method and non-Newtonian fluids

14:40 – 15:30

生駒 典久（金沢大学）　Norihisa Ikoma (Kanazawa University)

Some properties of eigenvalues of fully nonlinear elliptic operators

16:00 – 16:50

加藤 圭一（東京理科大学）　Keiichi Kato (Tokyo University of Science)

Wave packet transform and its application to Schrödinger equations

17:10 – 18:00

眞崎 聡（広島大学）　Satoshi Masaki (Hiroshima University)

Analysis of generalized KdV equation in $\hat{L}^p$ type space

３月４日（水）/ March 4

10:00 – 10:50

米田 剛（東京工業大学）　Tsuyoshi Yoneda (Tokyo Institute of Technology)

Loss of continuity of the solution map for the Euler equations in α-modulation spaces including $B^1_{\infty,1}$ and C^{1+s} $(0 < s < 1)$

11:10 – 12:00

関 行宏（九州大学）　Yukihiro Seki (Kyushu University)

On type II blow-up mechanisms in the semilinear heat equation with critical Joseph -Lundgren exponent

12:00 – 13:30　　　Lunch

13:30 – 14:20
　　Rafael Tiedra (Pontifical Catholic University of Chile)
　　Spectral and scattering properties at thresholds for the Laplacian in a half-space with a periodic boundary condition

14:40 – 15:30
　　伊藤 健一（神戸大学）　　Kenichi Ito (Kobe University)
　　Stationary scattering theory on manifolds with ends

16:00 – 16:50
　　Tristan Roy (Nagoya University)
　　On the potential bound for global solutions of the defocusing cubic wave equation on $\mathbb{T}^2$

17:10 – 18:00
　　瓜屋 航太（東北大学）　　Kota Uriya (Tohoku University)
　　Final state problem for a system of nonlinear Schrödinger equations with mass resonance

18:30 –　　　Banquet

３月5日（木）/ March 5

10:00 –10:50
　　井口 達雄（慶応大学）　　Tatsuo Iguchi (Keio University)
　　Solvability of the initial value problem to a model system for water waves

組織委員 / Organizers
　　菱田 俊明（名古屋大学）　　　Toshiaki Hishida (Nagoya University)
　　加藤 淳（名古屋大学）　　　　Jun Kato (Nagoya University)
　　杉本 充（名古屋大学）　　　　Mitsuru Sugimoto (Nagoya University)
　　寺澤 祐高（名古屋大学）　　　Yutaka Terasawa (Nagoya University)
　　津川 光太郎（名古屋大学）　　Kotaro Tsugawa (Nagoya University)