

Recent Topics on Dispersive Equations

Date: 30–31, August 2016

Venue: 61125A Room, 11th Floor, Building No.6, Chuo University
1-13-27 Kasuga Bunkyo-ku Tokyo 112-8551 Japan
中央大学 6号館 11階 61125A室

Program

30 August (Tue)

- 10:30 – 11:20 Tsukasa Iwabuchi (Osaka City University)
Besov spaces generated by the Dirichlet Laplacian
- 11:30 – 12:20 Taeko Yamazaki (Tokyo University of Science)
Necessary and sufficient conditions for scattering of
dissipative Kirchhoff equations

Lunch 12:20 – 13:50

- 13:50 – 14:40 Makoto Nakamura (Yamagata University)
The effects of spatial variation on some partial differential
equations
- 14:50 – 15:40 Tohru Ozawa (Waseda University)
On Landau-Kolmogorov inequalities for dissipative
operators

Tea Break 15:40 – 16:10

- 16:10 – 17:00 Kiyoshi Mochizuki (Emeritus of Tokyo Metropolitan
University, Chuo University)
Growth estimates of generalized eigenfunctions and
principle of limiting absorptions
- 17:10 – 18:00 Piero D'Ancona (Università di Roma, La Sapienza)
Scattering for the NLS with variable coefficients

Banquet

31 August (Wed)

- 10:30 – 11:20 Kazumasa Fujiwara (Waseda University)
On the finite time blow-up of non-gauge invariant Schrödinger equations on \mathbb{T}^n and \mathbb{R}^n
- 11:30 – 12:20 Koichi Taniguchi (Chuo University)
Bilinear estimates in Besov spaces generated by the Dirichlet Laplacian

Lunch 12:20 – 13:50

- 13:50 – 14:40 Shohei Nakamura (Tokyo Metropolitan University)
Morrey spaces and Fourier transform
- 14:50 – 15:40 Sojiro Murai (Tokyo Metropolitan College of Industrial Technology)
Smoothing and Strichartz estimates for perturbed equations in exterior domain

Organizers:

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