

Harmonic analysis and its applications in Matsumoto 2016, Summer

Date: August 24 (Wed.) - 28 (Sun.), 2016

Place: Faculty of Science, Shinshu University (Matsumoto)

— Schedule —

	24 (Wed.)	25 (Thu.)	26 (Fri.)	27 (Sat.)	28 (Sun.)
10:00 - 11:00		Lecture C	Lecture B	Lecture D	Lecture C
11:15 - 12:15		Lecture D	Lecture C	Lecture A	Lecture D
14:00 - 15:00	Lecture A	Lecture A	Free discussion	Lecture B	
15:15 - 16:15	Lecture B	Talk B	Free discussion	Talk D	
16:30 - 17:30	Talk A	Talk C	Free discussion	Talk E	
18:30 -				Banquet	

— Lectures (three 1-hour lectures) —

- Lecture A:
Xavier Tolsa (ICREA / Universitat Autònoma de Barcelona, Spain)
Title: The Riesz transform, rectifiability, and harmonic measure
- Lecture B:
Nguyen Cong Phuc (Louisiana State University, U.S.)
Title: Pointwise and weighted Calderón-Zygmund type estimates with applications to nonlinear PDEs.
- Lecture C:
Árpád Bényi (Western Washington University, U.S.)
Title: Bilinear operators, commutators and smoothing
- Lecture D:
Keith Rogers (ICMAT-CSIC, Spain)
Title: Pointwise convergence to initial data

— Talks (1-hour talks) —

- Talk A:
Tomoya Kato (Nagoya University, Japan)
Title: Well-posedness for the generalized Zakharov-Kuznetsov equation on modulation spaces
- Talk B:
Masaharu Kobayashi (Hokkaido University, Japan)
Title: Operating functions on modulation and Wiener amalgam spaces

- Talk C:
Yoshihiro Sawano (Tokyo Metropolitan University, Japan)
Title: Morrey spaces–Interpolations and weighted theory
- Talk D:
Ryo Takada (Tohoku University, Japan)
Title: Dispersive estimates for the stably stratified Boussinesq equations
- Talk E:
Hidemitsu Wadade (Kanazawa University, Japan)
Title: Remarks on the Hardy and Rellich type inequalities

Organizers:

Akihiko Miyachi (Tokyo Woman's Christian University),
Mitsuru Sugimoto (Nagoya University),
Yohei Tsutsui (Shinshu University).

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