Linear and Nonlinear Waves, No.5

November 1 (Thu)

13:15–14:00   **Vesselin Petkov** (Univ. de Bordeaux I)

Exponential growth for the wave equation with time-periodic positive potential

14:15–15:00   **Kimitoshi Tsutaya** (Hokkaido Univ.)

Scattering theory for the Dirac equation of Hartree type

Break

15:30–16:15   **Thomas Sideris** (Univ. of California)

Global existence in 3d nonlinear elastodynamics

16:30–17:15   **Kotaro Tsugawa** (Nagoya Univ.)

A bilinear estimate related to the Dirac-Klein-Gordon equations and the wave maps in one space dimension

November 2   Fri)

9:15–10:00   **Mitsuhiro Nakao** (Kyusyu Univ.)

Global attractors for nonlinear wave equations in exterior domains

10:15–11:00   **Takayoshi Ogawa** (Tohoku Univ.)

Drift-diffusion system in two dimensional Hardy space

11:15–12:00   **Hisashi Nishiyama** (Osaka Univ.)

Non uniform decay of the total energy of the dissipative wave equation

14:00–14:45	**Serge Alinhac** (Univ. de Paris-Sud)
	Energy inequalities and general Relativity
15:00–15:45	**Tohru Ozawa** (Hokkaido Univ.)
	On nonlinear Poisson summation formulae
Break	
18:30–	Banquet

November 3 (Sat)

9:15–10:00	**Michael Ruzhansky** (Imperial College London)
	Fourier analysis on torus, Fourier series operators, and applications to weakly hyperbolic PDEs
10:15–11:00	**Jenn-Nan Wang** (National Taiwan Univ.)
	Complex geometrical optics solutions for general elliptic systems and applications
11:15–12:00	**Hironobu Sasaki** (Osaka Univ.)
	Inverse scattering for the nonlinear Schrödinger equation

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