

Sapporo Guest House Minisymposium 3
NONLINEAR WAVE EQUATIONS

Organizer: Tohru Ozawa (Hokkaido University)

November 22, 1999 (Monday)

- 9:00-10:00 Kenji NAKANISHI (Kobe)
Energy scattering for nonlinear Klein-Gordon and Schrödinger equations in spatial dimensions 1 and 2
- 10:30-12:30 Takayoshi OGAWA (Kyushu)
Critical Sobolev inequalities and uniqueness problem in the fluid mechanics
- 14:30-15:00 Jian ZHANG (Tokyo)
Stability of standing waves for nonlinear Schrödinger equation with an unbounded potential
- 15:30-16:00 Makoto NAKAMURA (Tohoku)
Small solutions to nonlinear Schrödinger equations in the Sobolev spaces
- 16:30-17:00 Hiroyuki CHIHARA (Shinshu)
Gain of analyticity for semilinear Schrödinger equations

November 23, 1999 (Tuesday)

- 9:00-10:30 Thierry CAZENAVE (Paris 6)
11:00-12:00 Scattering theory and self-similar solutions for the nonlinear Schrödinger equation
- 14:00-14:30 Soichiro KATAYAMA (Wakayama)
Global existence for a class of systems of nonlinear wave equations
- 15:00-15:30 Kotaro TSUGAWA (Tohoku)
On the coupled system of nonlinear wave equations with different propagation speeds in two space dimensions
- 16:00-16:30 Mitsuru YAMAZAKI (Tsukuba)
Generalized Broadwell models for the discrete Boltzmann equation with linear and quadratic terms
- 17:00-17:30 Shuji MACHIHARA (Hokkaido)
The nonrelativistic limit of the nonlinear Klein-Gordon equation

The place of minisymposium:

Sapporo Guest House, 8 minutes walk from Sumikawa(Subway station)
(札幌天神山ゲストハウス, 札幌市豊平区平岸2条17丁目1-80)
TEL (011)823-1000 FAX (011)823-1867

連絡先: 小澤 徹 TEL/FAX 011-706-3570