

Nagoya-Workshop on  
“Superfluidity and microscopic properties of quantum atomic assembly”

Date: October 10, 2008

Venue: Room 506, Science Hall (理学館 5F-506)

Department of Physics, Nagoya University, Nagoya 464-8602, Japan

**PROGRAMME**(tentative)

10:20-10:30		Opening
10:30-11:10	M. Hieda (Nagoya Univ.)	Superfluidity of 4He films on flat and 1D substrates
11:10-11:50	D. Hirashima (Nagoya Univ.)	Superfluidity of 1D 4He fluid films
11:50-12:30	T. Kinoshita (Kyoto Univ.)	Experiments with One Dimensional Bose Gases
12:30-14:20	Lunch & Posters	
14:20-15:00	E. Kim (KAIST)	Observation of superflow in solid helium
15:00-15:40	K. Shirahama (Keio Univ.)	Helium-4 in Nanoporous Media: Quantum Phase Transition, Localized Bose-Einstein Condensation, and Supersolid
15:40-16:20	M. Suzuki (Univ. Electrocomm.)	4He in 1D nanoporus media under pressure
16:20-16:40	Break	
16:40-17:20	T. Matsushita (Nagoya Univ.)	Possible quantum helium clusters in Y-zeolites
17:20-18:00	Y. Kwon (Konkuk Univ.)	Inhomogeneous Superfluidity in Impurity-Doped Helium Droplets

**Sponsors**

Grant-in-Aid for Scientific Research on Priority Areas (Grant No. 450 from MEXT)

“Physics of New Quantum Phases in Superclean Materials”

Support Program for Improving Graduate School Education

“Training Program for Researchers with a Broad Perspective from Condensed Matter Physics to Biophysics”