

The Fourth International Discussion Meeting on Glass Transition

February 28-March 2, 2011

Katahira Campus, Tohoku University, Sendai, Japan

The Fourth International Discussion Meeting on the Glass Transition (DMGT2011) was held in Katahira Campus, Tohoku University from February 28 to March 2, 2011. This workshop was financially supported by the 21st century COE program, on Flow Dynamics.

The main topics of this meeting were as follows:

- (1) Glass transition
- (2) Complex fluids
- (3) Biomolecules
- (4) Cross Disciplinary Physics

This is one of a series of International Discussion Meeting on Glass Transition. The main purpose of this meeting is to provide an opportunity for an international group of experimentalists, theoreticians, and computer scientists, who are mainly working on glass transition, to gather together and discuss their recent advances. There were 12 participants from 8 foreign countries and 26 from Japan. There were 20 invited talks, 6 contributed talks, and 12 poster presentations.

Dr. A. Meyer has presented the recent experimental observation for mass transport in viscous metallic liquids. Dr. P. Harrowell has given a talk about his recent theoretical work on the mechanism of slow stress relaxation in deeply supercooled liquids. Dr. P. Gallo has shown her recent molecular-dynamics simulation results of deeply supercooled water confined in a cylindrical pore of MCM-41 silica materials.

The meeting was very successful in broadening and deepening the relationship between scientists of different countries. We hope that the success of the meeting in training young scientists and establishing contacts among leaders will enable us to hold this workshop every year.



