

All-Paid US-Japan Winter School on New Functionalities in Glass
Fukui Institute for Fundamental Chemistry, Kyoto University, Japan
January 6-17, 2008

SCHEDULE OF EVENTS

Sunday, January 6th

18:00 - 20:00 **Welcome Reception** (Holiday Inn KYOTO Hotel)

Monday, January 7th

7:30 - 8:30 *Breakfast* (Holiday Inn KYOTO Hotel)

Chair: Katsuhisa Tanaka, Kyoto University, JPN

9:30 - 10:00 **Opening Speech 1: *Introduction to Winter School***

Kazuyuki Hirao, Kyoto University, JPN

Himanshu Jain, Lehigh University, USA

10:00 - 10:30

Opening Speech 2: *Introduction to the Global COE Program*

Mitsuo Sawamoto, Kyoto University, JPN

10:30 - 10:40

Break

10:40 - 11:55

Special Lecture: *Nature-guided Nanotechnology for Chemical Tectonics of Inorganic Materials*

Kunihito Koumoto, Nagoya University, JPN

11:55 - 13:00

Lunch Break

13:00 - 14:15

Lecture 1: *Controlling Light with Nonlinear Optical Glasses and Plasmonic Glasses*

Takumi Fujiwara, Tohoku University, JPN

14:15 - 14:25

Break

14:25 - 15:40

Lecture 2: *Sub Tg Relaxation in Thin Glass*

Prabhat Gupta, Ohio State University, USA

15:40 - 16:00

Break

16:00 - 17:30

Discussion of the lecture topics and student presentations

Tuesday, January 8th

7:30 - 8:30 *Breakfast* (Holiday Inn KYOTO Hotel)

Chair: Masahiro Tatsumisago, Osaka Prefecture University, JPN

9:00 - 10:15

Lecture 3: *Computer simulations of glasses*

Walter Kob, University of Montpellier II, France

10:15 - 10:25

Break

Monday, January 14th

7:30 - 8:30 *Breakfast (Holiday Inn KYOTO Hotel)*

Chair: Toshinobu Yoko, Kyoto University, JPN

9:00 - 10:15 **Lecture 9: *Electrical Properties of Glass Composites***

Mike Lanagan, Penn State University, USA

10:15 - 10:25 *Break*

10:25 - 11:40 **Lecture 10: *Designing glasses to meet specific mechanical properties***

Tanguy Rouxel, University of Rennes 1, France

11:40 - 13:00 *Lunch Break*

13:00 - 17:30 **Discussion of the lecture topics and student presentations**

Tuesday, January 15th

7:30 - 8:30 *Breakfast (Holiday Inn KYOTO Hotel)*

Chair: Kazuki Nakanishi, Kyoto University, JPN

9:00 - 10:15 **Lecture 11: *Transparent Glass-ceramics***

Edgar Dutra Zanotto, Federal University of Sao Carlos, Brazil

10:15 - 10:25 *Break*

10:25 - 11:40 **Lecture 12: *Role of alkoxysilanes for the design of silica-based nanomaterials***

Kazuyuki Kuroda, Waseda University, JPN

11:40 - 13:00 *Lunch Break*

13:00 - 17:30 **Discussion of the lecture topics and student presentations**

Wednesday, January 16th

7:30 - 8:30 *Breakfast (Holiday Inn KYOTO Hotel)*

9:00 - (AM & PM) **Campus & Lab Tours, Kyoto University (Yoshida, Katsura and Uji)**

Thursday, January 17th Departures