AECoR-4

The fourth Symposium on Academic Exchange and Collaborative Research between MRC-ETHZ and FoE-HU (Coorganized by Frontier Chemistry Center of FoE-HU)

"Materials in Flow"

FoE-HU　　　　　: Faculty of Engineering, Hokkaido University, Sapporo, Hokkaido,Japan

MRC-ETHZ　　　: Material Research Center – Swiss Federal Institute of Technology, Zurich, Switzerland

Date　　　　　　: 21 Thu. – 22 Fri. February 2013

Place　　　　　: Faculty of Engineering, Hokkaido University, N13W8, Sapporo, Japan

Coordinator　　 : FoE-HU: Prof. Y. Murai, and Prof. H. Habazaki

　　　　　　　　 : MRC-ETHZ: Prof. E. Windhab, and Prof. Y. Takeda (Prof. Emeritus, HU)

Program

<u>**21st February, Thursday   @ Academic Lounge 3, Faculty of Engineering**</u>

11:00-11:30   Visiting Dean, Prof. Baba, by ETH delegates

12:30-13:30   Lunch at *Enreisou*

13:30-13:40   Opening Address by Vice Dean, Prof. Takagi (HU)

Session I: Chair/ Prof. Murai (HU)

13:40-14:20   Invited Lecture by Prof. Windhab (ETH)
"Gastro-Intestinal Engineering and related Flow Processing Concept"

14:20-15:00   Invited Lecture by Prof. Takeda (ETH & HU)
"Peristaltic Tube Flow investigations by advanced UVP methodology"

15:00-15:40   Invited Lecture by Dr. Rondeau (ETH)
"Experimental Flow Process Engineering by Microfluidics"

15:40-16:00   Coffee Break

Session II: Chair/ Prof. Habazaki (HU)

16:00-16:40   Invited Lecture by Prof. Ohkuma (HU)
"Asymmetric Hydrogenation for Practical Synthesis of Chiral Molecules"

16:40-17:20   Invited Lecture by Prof. Kovalenko (ETH)
"Novel Strategies for Combining Molecules, Clusters, and Nanocrystals
    into Functional Inorganic Solids"

17:20-17:40   Photo Time
17:40   Taxis to Dinner Place
18:00-20:00   Dinner at *Garden Grill*, *Sapporo Beer Garden*

<u>**22nd February, Friday**</u>

Two symposia will be held in parallel, where lunch and dinner are arranged in each event.

Symposium I: Multi-physics Flow Control
                Organizer: Prof. Murai (HU) and Prof. Windhab (ETH)
                Place   : Seminar Room A5-66, Faculty of Engineering
                Time   : 10:00-17:30

Symposium II: Next Generation of Molecular Chemistry
                Organizer: Profs. Ohkuma and Ito (HU)
                Place   : A21, Graduate School of Information Science and Technology
                Time   : 13:00-18:20