

7th Symposium on Soft Chemistry toward Functional Materials
GCOE シンポジウム 「低温合成法による新機能性材料の創製 (第7回)」
(Kyoto University Global COE Program "Integrated Materials Science")

Date: March 4, 2009

Place: Room A2-303, Katsura Campus, Graduate School of Engineering, Kyoto University

10:35-10:40 Opening remarks: Hiroshi Kageyama (Graduate School of Science, Kyoto U.)

Chair: Takeshi Abe (Graduate School of Engineering, Kyoto U.)

10:40-11:40 S Sampath (Department of Inorganic and Physical Chemistry, Indian Institute of Science, India)

Functional Self Assembled Monolayers: Assembly of Donor - Spacer – Acceptor Molecules on Gold Surfaces

11:40-12:00 Hikaru Sano (Graduate School of Engineering, Kyoto Univ.)

Mono-molecular Layers Covalently Bonded to Silicon Formed through a Photochemical Reaction at Room Temperatures

(12:00-13:30 Lunch)

Chair: Kazuyoshi Kanamori (Graduate School of Science, Kyoto U.)

13:30-14:20 Kiyofumi Katagiri (Graduate School of Engineering, Nagoya U.)

Function-integrated Hybrid Materials Fabricated via the Molecular Assembly Technique

14:20-15:10 Shuhei Furukawa (iCeMS, Kyoto U. and JST)

Fabrication of Hybridized Porous Coordination Framework Crystals

(15:10-15:30 coffee break)

Chair: Hiroshi Kageyama (Graduate School of Science, Kyoto U.)

15:30-16:30 John B. Wiley (Department of Chemistry, U. of New Orleans, USA)

Low Temperature Topochemical Methods for the Construction of Metal-Anion Layers within Receptive Perovskite Hosts

16:30-17:20 Yoshiyuki Sugahara (School of Advanced Science and Engineering Waseda U.)

Inorganic-organic Hybrids Based on Layered Compounds: Preparation and Applications

17:20-17:25 Closing remarks: Takeshi Abe (Graduate School of Engineering, Kyoto U.)