

7th Symposium on Soft Chemistry toward Functional Materials

グローバル COE 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: Katsura Campus Room A2-303 (Kyoto University, Japan)

10:35 Opening Remarks: Hiroshi Kageyama (Graduate School of Science, Kyoto University)

[Chair] Takeshi Abe (Graduate School of Engineering, Kyoto University)

10:40 "Functional Self Assembled Monolayers: Assembly of Donor – Spacer – Acceptor Molecules on Gold Surfaces"

Srinivasan Sampath (Department of Inorganic and Physical Chemistry, Indian Institute of Science, India)

11:40 "Mono-molecular Layers Covalently Bonded to Silicon Formed through a Photochemical Reaction at Room Temperatures"

Hikaru Sano (Graduate School of Engineering, Kyoto University)

(12:00 - 13:30 Lunch)

[Chair] Kazuyoshi Kanamori (Graduate School of Science, Kyoto University)

13:30 "Function-integrated Hybrid Materials Fabricated via the Molecular Assembly Technique"

Kiyofumi Katagiri (Graduate School of Engineering, Nagoya University)

14:20 "Fabrication of Hybridized Porous Coordination Framework Crystals"

Shuhei Furukawa (Institute for Integrated Cell-Material Sciences, Kyoto University; ERATO Kitagawa Integrated Pores Project, JST)

(15:10 - 15:30 Coffee Break)

[Chair] Hiroshi Kageyama (Graduate School of Science, Kyoto University)

15:30 "Low Temperature Topochemical Methods for the Construction of Metal-Anion Layers within Receptive Perovskite Hosts"

John B. Wiley (Department of Chemistry, University of New Orleans, USA)

16:30 "Inorganic-organic Hybrids Based on Layered Compounds: Preparation and Applications"

Yoshiyuki Sugahara (School of Advanced Science and Engineering, Waseda University)

17:20 Closing Remarks: Takeshi Abe (Graduate School of Engineering, Kyoto University)