



Kyushu University Global COE Program

"NOVEL CARBON RESOURCE SCIENCES: Coal-Based Eco-Innovations"

6-1 Kasuga-koen, Kasuga, Fukuoka 816-8580 Japan

Telephone: +81 92 583 7616 / Fax: +81 92 583 7619

Email: ncrs@cm.kyushu-u.ac.jp URL: <http://ncrs.cm.kyushu-u.ac.jp>

International Workshop on Development of Environmentally Friendly Functional Materials

(NCRS G-COE Symposium/Workshop Series 2009-I)

Organized by Global COE Program of "Novel Carbon Resource Sciences: Coal-Based Eco-Innovations"

19 June, 2009, C-Cube Chikushi hall, Chikushi Campus, Kyushu University

PROGRAM

10:30-10:35 Opening Remarks: Prof. Hideo Nagashima

10:35-10:40 Brief Introduction of the Workshop: Prof. Osamu Sato

10:40-11:20 Prof. Qingbo Meng (Chinese Academy of Science, China)

"Dye Sensitized Solar Cell"

11:20-11:50 Prof. Yutaka Amao (Oita Univ.)

"Photochemical and Enzymatic Synthesis of Organic Molecules from Carbon Dioxide Based on the Artificial Photosynthesis"

11:50-13:10

<Lunch Break>

13:10-13:40 Prof. Teruhisa Ohno (Kyushu Institute of Technology)

"Development of Surface Structure Controlled TiO₂ Photocatalysts"

13:40-14:30 Prof. Malcolm A. Halcrow (University of Leeds, UK)

"Switching and Trapping the Spin States of Iron(II) Compounds...or not"

14:30-15:30

< Poster & Coffee Break >

15:30-16:00 Prof. Shinya Hayami (Kumamoto Univ.)

"Molecular Functions Based on Intermolecular Interactions"

16:00-16:30 Prof. Osamu Sato (Kyushu Univ.)

"Control of Magnetic Properties through External Stimuli"

16:30-17:00 Prof. Hiroki Ago (Kyushu Univ.)

"Synthesis and Application of Horizontally Aligned Single-Walled Carbon Nanotubes"

17:00- Closing Remarks: Prof. Osamu Sato