



*Institute of Multidisciplinary Research for Advanced Materials
Tohoku University*

Polymer • Hybrid Materials Research Center

International Symposium on Carbon and Materials 2015

February 27 to March 1, 2015

This symposium is organized by Polymer • Hybrid Materials Research Center (PHyM), Institute of Multidisciplinary Research for Advanced Materials, Tohoku University.

This symposium is co-organized by Nano-Macro Materials, Devices and System Research Alliance and by Network Joint Research Center for Materials and Devices.

Sponsored by



Japan Science and Technology Agency

Project of JST Strategic Japanese-Spanish Cooperative Program

Organizing committee

Tohoku University: Prof. Takashi Kyotani

Tohoku University: Prof. Hiroto Nishihara

University of Malaga: Dr. Raúl Berenguer Betrián

University of Alicante: Dr. Ángel Berenguer Murcia

Venue:

Seminar room at 2nd floor of Higashi-Nigokan, Katahira campus, Tohoku University, Sendai, Japan

Attending fee is free!

This symposium does not provide any free meals. Please purchase tickets for meals and excursion as follows:

Ticket for welcome reception at the night of February 27: 4,000 JPY

Ticket for excursion on the night of February 28: 16,000 JPY

Tentative program

February 27, 2015

15:00~ Registration (Seminar room at 2nd floor of Higashi-Nigokan, Katahira campus, Tohoku University)

Oral session 1 Chair: Prof. Hirotomo Nishihara

16:00- 16:10 Opening remark (Prof. Takashi Kyotani)

16:10- 16:40 **【Invited talk】** Prof. Peng-Xiang Hou

Controlled synthesis of SWCNTs with semiconducting or metallic conductivity

16:40- 17:10 **【Invited talk】** Dr. Ángel Berenguer Murcia

From oxide nanoparticles to binderless supercapacitor electrodes

17:10- 17:40 **【Invited talk】** Dr. Raúl Berenguer Betrián

Phosphorus-functionalized carbon materials for electrochemical applications

17:40- 18:20 *Visiting Prof. Kyotani's laboratory and free discussion about materials chemistry*

18:30~ Welcome reception (near the Katahira campus)

**** You need to buy a ticket for the welcome reception****

February 28, 2015

Oral session 2 Chair: Dr. Khanin Nueangnoraj

10:30- 11:00 **【Invited talk】** Prof. Baigang An

Preparation and electrocatalytic performance of iron based nitrogen doped carbon nanotubes

11:00- 11:30 **【Invited talk】** Prof. Lixiang Li

Carbon nanotubes coated with a nitrogen-doped carbon layer and its enhanced electrochemical capacitance

Lunch break (90 min) ****The symposium does not provide a free lunch****

Oral session 3 Chair: Dr. Yasuto Hoshikawa

13:00- 13:30 **【Invited talk】** Prof. Metta Chareonpanich

Current research in KU-Green Catalysts Group (GCG)

13:30- 14:00 **【Invited talk】** Prof. Quan-Hong Yang

Self-assembly of graphene for energy storage

14:00- 15:00 Plenary talk by prof. Takashi Kyotani

Coffee break

15:20 *Group photo*

15:30 *Excursion*

****Please buy a ticket for the excursion. The excursion will join to the celebration party for prof. Kyotani's 60 years old and the 10th anniversary of Kyotani's laboratory.****

March 1, 2015

Panel discussion *Chair: Dr. Takafumi Ishii*

10:00~12:00 **Free discussion with watching poster-panels presented by students.**

(The place will be announced during the symposium)

12:00 *Closing remark (Prof. Hiroto Nishihara)*

<<Contact information>>

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