

*IPHE Educational Event in Fukuoka*

## **H2igher Educational Rounds - H2ER**

Organizers: Mr. Juergen GARCHE and Ms. Marieke REIJALT  
(Chairpersons of IPHE Education WG)

Local Host: Nobuhiro KURIYAMA (HYDROGENIUS, Kyushu University)

The International Partnership for Hydrogen and Fuel Cells in the Economy (IPHE) was established in 2003 as an international partnership to accelerate the transition to a hydrogen economy. It provides a forum for advancing policies and international codes and standards to accelerate the use of hydrogen and fuel cells (HFC) globally. 17 countries and 1 region have committed to collaborating to advance the commercialization of hydrogen and fuel cell technologies in an effort to improve their energy supply and the environment. (<http://www.iphe.net/>)

The meeting, "H2igher Educational Rounds - H2ER ", provides an opportunity for students to meet international experts and IPHE delegates to exchange information and discuss related topics in more detail and to learn about education and job perspectives in the field of H<sub>2</sub> & FC technologies as well as presenting the state-of-the-art and future of these technologies. (Official language is English.)

**Participants:** Graduate and Undergraduate Students, University Staffs,  
IPHE SC Members, IPHE Educational WG Members

**Date:** Nov. 18, Monday, 2013 15:00 – 19:00

**Venue:** I<sup>2</sup>CNER Hall A+B (Kyushu Univ., Ito Campus)  
(I<sup>2</sup>CNER: International Institute for Carbon-Neutral Energy Research)  
(<http://i2cner.kyushu-u.ac.jp/en/access/>, Bus Stop: Kyudai-BigOrange-Mae,  
No.61 in <http://www.kyushu-u.ac.jp/access/map/ito/ito-e1.pdf>)

**Registration:** Please send your full name, affiliation, and participation to reception to Nobuhiro Kuriyama at [kuriyama.nobuhiro.177@m.kyushu-u.ac.jp](mailto:kuriyama.nobuhiro.177@m.kyushu-u.ac.jp).

**Information:** [http://www.iphe.net/events/meetings/SC\\_20.html](http://www.iphe.net/events/meetings/SC_20.html)

**Contact:** Nobuhiro Kuriyama

## **H2igher Educational Rounds -H2RE**

### **Agenda**

**Monday, November 18, 2013**

**15:00 – 19:10**

14:30 Registration

Moderator: NEDO – E. Ohira

### **Opening Session**

15:00 Welcome by Co-Chairs

- Kyusyu Univ. N. Kuriyama / IPHE - J. Garche

### **Session 1: Policy Overview (15:05 -16:10)**

**Coordinators: J. Garche and N. Kuriyama**

15:05 Overview of FC&H<sub>2</sub> Developments in Japan

- H. Ando (Hitotsubashi Univ.)

15:20 Overview of FC&H<sub>2</sub> Developments in US

- M. Gardiner (DOE)

15:35 Overview of FC&H<sub>2</sub> Developments in Germany

- N. Parker (Ministry of Transport, Buildings and Urban Development)

15:50 Panel Discussion with Students and IPHE Members

### **Break (16:10 - 16:20)**

### **Session 2: Educational Activities (16:20 - 18:00)**

**Coordinators: N. Kuriyama and J. Garche**

16:20 Activity of Fukuoka Prefecture on Education in the FC&H<sub>2</sub> Area

- Japan - H. Irie (Fukuoka Prefecture)

16:30 Activity in Kyushu on education in the coal area

- Japan - K. Nakui (Fukuoka Univ.)

- 16:40 Educational Activities in Kyushu Univ.  
Overview about Hydrogen Energy System course of the graduate school of Kyushu University
- K. Sasaki (Kyushu Univ.)
- Overview about International Research and Education Activity at I<sup>2</sup>CNER
- T. Ishihara (Kyushu Univ.)
- 17:00 Report by a Japanese Student about his Research on Hydrogen Energy
- M. Takata, Hydrogen Student Design Contest Winners of Kyushu Univ.
- 17:20 Roundtable Discussion with IPHE members
- Japan – K. Sasaki, T. Ishihara, M. Takata;
  - South Africa - C. Chiteme;
  - Canada - T. Karlsson; and
  - UK - requested
- 18:00 Wrap-up and Closing of H2igher Educational Rounds
- EU - M. Reijalt (EHA)
- 18:10 Reception
- Speech: Kyushu Univ. - J. Sugimura / NEDO - M. Hashimoto
- 19:10 Closing