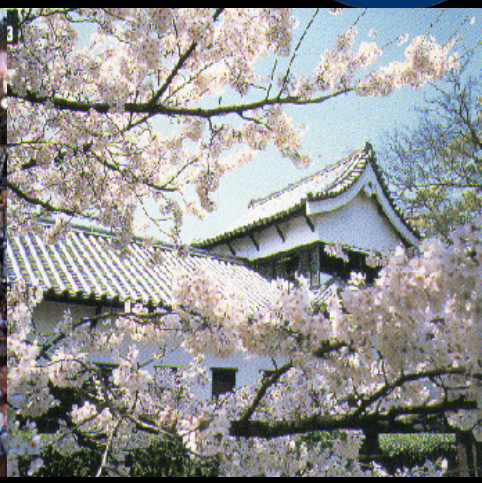
International Conference on Hydrogen Production ICH2P-2014





Call for Papers

February 2-5, 2014, Fukuoka, Japan

Goals

The International Conference on Hydrogen Production (ICH2P-2014) is a multi–disciplinary international conference on the production of hydrogen through various methods as well as its use in various systems, including fuel cells. It will provide a forum for the exchange of latest advances and technical information, dissemination of new research developments in the areas of hydrogen production and usage, and presentations involving the future directions and priorities in the hydrogen economy for a sustainable future. This time the focus goes even beyond hydrogen production with a special emphasis on storage and safety aspects. The conference will have particular value and interest to researchers, scientists, engineers and practitioners who are working in the field of hydrogen production technologies, ranging from policy making and technical development to management and marketing.

Conference Topics

The themes of the conference will cover technical topics ranging from the conversion of fossil fuels to the use of renewable energy sources and nuclear power for hydrogen production. Special emphasis will be on new and promising technologies that may provide clean and cost effective hydrogen for widespread commercial applications. Processes for the gasification of coal and biomass, thermochemical systems, photochemical systems, renewable energy sources or solar technologies such as concentrated solar systems and development of above technologies will be included. To extend beyond technical areas, social aspect of hydrogen (policy making, hydrogen infrastructure development, environmental concerns, regulatory actions, standards development, safety, storage, commercialization, education and training) will be covered. Therefore, papers on related topics are solicited from all relevant disciplinary areas, including new concepts, modeling, experiments, and simulations. The topics of the conference include, but are not limited to:

Biological aspects of hydrogen production
Codes and standards
Demonstrations in developing countries
Electrolysis and High temperature electrolysis
Fuel cells
Gasification processes
Government policies on hydrogen
Greenhouse gas mitigation by hydrogen
Hydrogen economy
Hydrogen embrittlement
Hydrogen infrastructure
Hydrogen production methods
Hydrogen storage
Hydrogen separation
Hydrogen vehicles
International perspectives on hydrogen
Life cycle assessment
Life cycle costing
Materials for hydrogen systems
Modeling and simulation
Nuclear-based hydrogen production
Potential for hydrogen in developing countries
Renewables and their use for hydrogen
Solar Hydrogen Production

Format

The format of ICH2P-2011 will be arranged with the following major elements as general papers presented in oral, Poster sessions, and Plenary papers by invited speakers , and specialized sessions on selected topics. High quality papers of archival value will be considered in extended form for publication in various reputable international journals, e.g. International Journal of Hydrogen Energy, International Journal of Energy Research, International Journal of Exergy, and International Journal of Global Warming . There will be social events and tours.

Abstract Submission

Abstracts (A4 1page) is submitted through the ICH2P-2014 website. The deadline for submission of Abstracts is **15 October, 2013**. Authors of accepted abstracts will be notified by **November 15, 2013**.

Proceedings

Accepted abstracts of the registered authors will be published in the book of abstracts. The full papers of the registered authors will be published in the conference proceedings, which will be given in a CD during the conference. Selected high quality papers will be published in special issues of prestigious journals such as International Journal of Hydrogen Energy. Deadline for full paper submission is **January 31, 2014**.

Venue

ICH2P-2014 will be held at I^{2}CNER Building, Ito Campus, Kyushu University(http://i2cner.kyushu-u.ac.jp/). The venue is located in the Itoshima Peninsula, which is in the western part of Fukuoka Prefecture. The beautiful coastline facing the Genkai Open Sea Lies in the north and the Sefuri Mountain Range rises in the south. In between, the gentle and rural countryside, called the Itoshima Plains, spread out. The urban district runs along JR Chikuhi Line.

How to get to Kyusyu University

Plenary lectures

Kazunari Domen, The University of Tokyo
John T. S. Irvine, University of St Andrews

Founding Chair

Ibrahim Dincer,
University of Ontario Institute of technology, Canada

Conference Chair

Tatsumi Ishihara,
Kyushu University, Japan

Conference Co-Chair

Masaki Kishida
Kyushu University, Japan

For more information

Conference website, http://www.ich2p.org
E-mail: info@ich2p.org

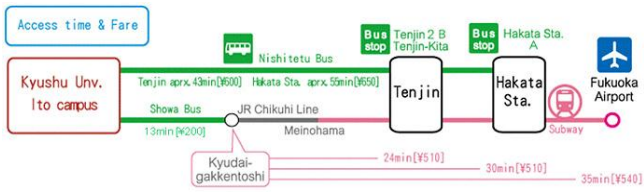
Conference Fee

Registration Fees (On or before XXXX xx 2013)

Regular:	$600
Student:	$300
Accompanying person:	$200

Registration

On-line registration is available through the ICH2P-2014 web site after the beginning of 2014.



Fukuoka exists northern part of Kyushu island and easy to access from various hub city in East Asia, Tokyo, Osaka, Seoul, Shanghai, even from Amsterdam. You can easy to access from your city. Shuttle bus will be served from conference hotel to venue.

Organizing Committee

Kenji Asami, Kitakyushu City University, Japan
C. Ozgur Colpan, Dokuz Eylul University, Turkey
Hisahiro Einaga, Kyushu University, Japan
Hidehisa Hagiwara, Kyushu University, Japan
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Shigeo Satokawa, Seikei University, Japan

Host and Sponsor

Conference will be supported by International Institute for Carbon-Neutral Energy Research, (WPI -I^{2}CNER) Kyushu University .

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