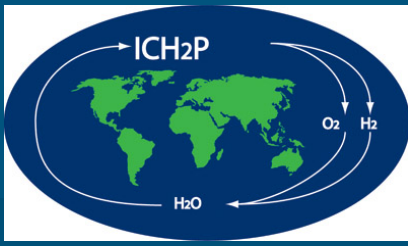
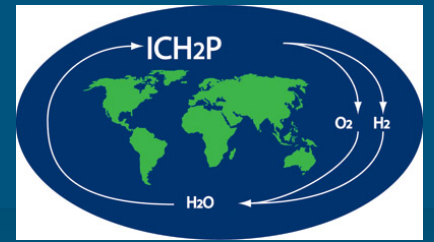


# INTERNATIONAL CONFERENCE ON HYDROGEN PRODUCTION (ICH2P-2010)

## With Emphasis on Storage and Safety



June 16-18, 2010  
Istanbul Technical University  
Gumussuyu, Istanbul, Turkey



**Goals** - The International Conference on Hydrogen Production (ICH2P-2010) 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. There will be a particular session on developing countries to adopt such technologies by tackling cost and durability issues.

**Format** - The format of ICH2P-2010 will be arranged with the following major elements as general papers presented in oral sessions, keynote 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.

**Venue**-The conference will be held at Istanbul Technical University, Gumussuyu, Istanbul, Turkey. Istanbul is the largest and the most attractive city in Turkey. It is home to one of the most culturally and ethnically diverse populations in the world and is the only city in the world that is located on two continents, Europe and Asia. This makes it really unique and easily reachable from anywhere in the world.

**Conference Chair:** M. Hatipoglu

**Honorary Chair:** T. N. Veziroglu

#### **Organizing Committee:**

M. Aydin, ITU, Turkey  
C. O. Colpan, Carleton, Canada  
I. Dincer, UOIT, Canada  
H. Gorgun, YTU, Turkey  
F. Karaosmanoglu, ITU, Turkey  
F. Kadioglu, ITU, Turkey  
F. Kadirgan, ITU, Turkey  
N. Lymberopoulos, ICHET, Turkey  
G.F. Naterer, UOIT, Canada  
S. Yazici, ICHET, Turkey

#### **Keynote Speakers**

To be determined shortly

#### **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
- Concentrated Solar Hydrogen Production
- Demonstrations in developing countries
- Education and training for hydrogen
- Electrolysis
- Environmental impact
- Fuel cells
- Gasification processes
- Government policies on hydrogen
- Greenhouse gas mitigation by hydrogen
- Hydrogen economy
- Hydrogen infrastructure
- Hydrogen production methods
- Hydrogen storage
- Hydrogen technologies
- 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

#### **Important Dates**

**April 5, 2010:** One-page abstract due

**April 16, 2010:** Notification of abstract acceptance

**May 7, 2010:** Full manuscript due

**May 14, 2010:** Notification of manuscript acceptance

- Abstract and paper submissions will be done through the website.

-Communications will be done via e-mail.