

INTERNATIONAL CONFERENCE ON HYDROGEN PRODUCTION ICH2P-11



June 19-22, 2011
Thessaloniki, Greece



Goals

The International Conference on Hydrogen Production (ICH2P-11) 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. 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.

Format

The format of ICH2P-11 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 Energy, and International Journal of Global Warming.

There will be social events and tours.

Venue

The conference will be held at the Science Center and Technology Museum "NOESIS", Thessaloniki, Greece. Thessaloniki, the Capital City of the Greek North, is world known for the Ancient Greek, Roman and Byzantine monuments. The city's atmosphere is a fusion of Greek, Balkan and South-eastern European influences that co-exist harmoniously, creating a multicultural and cosmopolitan environment, where visitors from all over the world feel comfortable and welcome.

Conference Chair: Athanasios G. Konstandopoulos

Honorary Chair: Constantinos Vayenas, Xenophon Verykiotis and T. Nejat Veziroglu

Organizing Committee:

Christos Agrafiotis, CPERI/CERTH, Greece
Akrivi Asimakopoulou, CPERI/CERTH, Greece
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Elli Varkaraki, CRES, Greece
Spyros Voutetakis, CPERI/CERTH, Greece
Suha Yazici, UNIDO-ICHET, Turkey

Keynote Speakers

To be announced soon

Conference Topics

The themes of the conference will cover technical topics ranging from the use of renewable energy sources, to conversion of fossil fuels and use of 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. Developed and developing technologies employing renewable energy sources e.g. solar and solar - thermochemical systems, photochemical systems, as well as gasification of biomass and coal and other thermochemical systems will be included.

To extend beyond technical areas, the social aspects 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
- Solar Thermochemical 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

January 7, 2011: One-page abstract due (through the website)
February 07, 2011: Notification of abstract acceptance (via e-mail)
March 14, 2011: Full manuscript due (through the website)
April 18, 2011: Notification of manuscript acceptance (via e-mail)