

ICHS, San Sebastian, (Spain) September 11-13, 2007

EU NoE HySafe

“Safety of Hydrogen as an Energy Carrier”



In Collaboration with:



invites to the:

2nd ICHS

International Conference on Hydrogen Safety

September 11 - 13, 2007

San Sebastian - SPAIN

Call for Paper

www.hysafe.net/conference

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In Association with:



Safety and Infrastructure Study of Hydrogen Fuelled Vehicles



Canadian Hydrogen Safety Program



Hydrogen Safety, Codes and Standard Program



HYDROGEN IMPLEMENTING AGREEMENT



Italian National Firecorps ISO/TC 197 Hydrogen Technologies



NATURALHY



STORHY

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ICHS CONFERENCE - SCOPE

The EU-funded NoE HySafe, under the auspices of IPHE, is currently organizing the Second International Conference on Hydrogen Safety (ICHS) which is part of the HySafe Work Plan.

HySafe, or “Safety of Hydrogen as an Energy Carrier” is a Network of Excellence (NoE) within the VI European FWP (UE contract SES6-CT-2004-502630). The network is organizing this event in collaboration with principal EU and international projects on hydrogen safety and will focus the conference on safety issues relevant to the improvement and coordination of knowledge and understanding of hydrogen safety.

ICHS will aim to provide a basis for eliminating safety-related barriers to the implementation of hydrogen as an energy carrier and as such, will also contribute to promoting public awareness and trust in hydrogen technology by providing a basis for communicating the risks associated with hydrogen.

As the subject matter of the conference will be dedicated principally to safety issues and measures to promote the public acceptance of hydrogen-based technologies, the material covered in this event will differ from other conferences on hydrogen. All contributions for inclusion in the Conference will be evaluated exclusively in terms of their scientific and safety content.

Papers submitted that do not address safety issues will be automatically rejected.

ICHS CONFERENCE – STRUCTURE

The format of the 2nd ICHS will be plenary sessions, parallel sessions and poster sessions and cover the four main topic areas which are considered most relevant to hydrogen safety. One of the main aims of the Conference will be to provide a platform for the presentation of the final results of projects. At the conclusion of each session a rapporteur will sum up what has already been learnt, ongoing work and what areas still need to be addressed.

TOPICS

1st Topic: Hydrogen Risk Assessment and Management

- 1.1 Hydrogen release, mixing and distribution
- 1.2 Ignition properties
- 1.3 Consequences (thermal, pressure and missile effects from hydrogen fires and explosions)
- 1.4 Materials compatibility
- 1.5 Mitigation techniques

2nd Topic: Hydrogen Production and handling

- 2.1 Production, Storage, Transport and Distribution

3rd Topic: Hydrogen Applications

- 3.1 Hydrogen fueled vehicles (including tunnels, parking and garaging)
- 3.2 Portable and stationary hydrogen fueled power sources

4th Topic: Standardisation and legal requirements

- 4.1 Regulations, Codes and Standards

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ABSTRACT SUBMISSION (Deadline: January 31st, 2007)

Authors must register and use the electronic form using the template available on the official website (www.hysafe.org/conference) and forward it also to the Secretariat e-mail address: ICHS@hysafe.org. The abstract should not include formulas and figures and not exceed 30 lines. The abstracts must indicate the topic and subtopic addressed, the title of paper, and the Author(s) Name(s). The abstracts will be evaluated by the members of the Scientific Committee; the judgement will be forwarded to the authors by mail.

FULL PAPER SUBMISSION (Deadline: May 1st, 2007)

Authors are requested to submit their full papers in electronic form using the template available on the official website (www.hysafe.org/conference) and forward it also to the Secretariat e-mail address. The maximum length of papers is 12 A4 pages. The papers will be accepted after the reviewing process performed by the members of the Scientific Committee. Each paper will be analysed by the reviewers who will be asked to evaluate it and to give suggestions and ways of its improving. Only papers prepared according to the paper template given at the Conference Website will be considered. Accepted papers will be published in Conference Proceedings that will be available at the beginning of the Conference.

CONFERENCE PROCEEDINGS

The proceedings will be edited in CD form for the Conference.

CONFERENCE DEADLINES

- Submission of Abstracts **January 31st**, 2007
- Acceptance of Abstracts **February 28th**, 2007
- Full Papers Submission **May 1st**, 2007
- Acceptance of Papers **June 1st**, 2007
- Submission of Paper Final Versions and Payment of Conference Fees **July 1st**, 2007
- ICHS Conference **September 11-13**, 2007

CONFERENCE ORGANIZING COMMITTEE

Iñaki Azkarate, Marco Carcassi, William Chernicoff, Chang-Ae Cho, Beatrice Coda, Antonio Gambardella, Randy Dey, Ezponda Ramos Estibaliz, Geoff Hankinson, Anne Marit Hansen, Bill Hoagland, Thomas Jordan, Ian MacIntyre, Georg Mair, Dmitriy Makarov, Frank Markert, Alessia Marangon, Frank McGarry, James M. Ohi, Henri Paillere, Vyacheslav A. Petukhov, David Pritchard, Giuseppe Romano, Antonio Ruiz, Marc Steen, Daniel Spagni, Nico Versloot

CONFERENCE SCIENTIFIC COMMITTEE

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CONFERENCE LANGUAGE

The conference language is English. No translation will be provided.

CONFERENCE CENTRE



*Palacio de Miramar
Pº Miraconcha 48
20007 Donostia-San Sebastián - SPAIN
www.sc.ehu.es/palaciomiramar*

CONFERENCE FEE For Authors

The full Conference Fee is 500 Euro before July 1st and includes: Conference Proceedings, Conference Programme, Reception, Attendance at all Conference Sessions, 3 Lunches, 2 Conference Dinners and refreshments (coffee) during session breaks.

CONFERENCE INFO

Website: www.hysafe.org/conference
Secretariat e-mail: ICHS@hysafe.org

Any information about the Conference (Fee, Program, Sponsor, Exhibitor, etc) will be available at the official web site.



(ICHS 2005 – September 8-10 – Pisa, ITALY)

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INFORMATION FORM:

Title-Surname: _____

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To be sent:

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We will not disclose this information to third parties.