

**Supplying Energy To A Changing World**



# **WHEC2008**

17th World Hydrogen Energy Conference

Brisbane Convention & Exhibition Centre, Queensland, Australia

15-19 June 2008

Hosted by



## **Call for Abstracts**

To submit an abstract please visit [www.whec2008.com](http://www.whec2008.com)



[www.whec2008.com](http://www.whec2008.com)

# Invitation

On behalf of the International Association for Hydrogen Energy and the Australian Institute of Energy, I welcome you to participate in the 17<sup>th</sup> World Hydrogen Energy Conference (WHEC 2008). The event will be held in Queensland, Australia at Brisbane's world-class Convention & Exhibition Centre. Here leading authorities will come together to share in their knowledge and experience via keynote and plenary sessions. A parallel exhibition will provide a showcase for some of the diverse players in the global hydrogen and fuel cell industry.

The Conference will focus on the role of hydrogen energy in the energy mix, the transitional paths to a cleaner and more sustainable energy future, and the barriers and challenges to the commercialisation of technologies such as fuel cells.

Brisbane is the gateway to the rest of Australia, a diverse and wonderful country that we encourage delegates to explore before and after the Conference. Cultural attractions abound: from one of the oldest indigenous cultures in the modern world, to modern vibrant cities. Brisbane's compactness provides delegates with a sense of ownership and belonging, while still offering the high end options of a city including one of Australia's most awarded convention centres.

By attending WHEC 2008, we have no doubt that delegates will enjoy a trip of a lifetime to a place like nowhere else on earth. We look forward to seeing you in Brisbane in 2008.



**Andrew Dicks**

Chairman, Organising Committee, World Hydrogen Energy Conference 2008

## Conference Office

**WHEC 2008**

C/- ICMS Pty Ltd

PO Box 3496

South Brisbane Queensland 4101

Australia

Telephone: +61 7 3844 1138

Fax: +61 7 3844 0909

Email: [whec2008@icms.com.au](mailto:whec2008@icms.com.au)

Web: [www.whec2008.com](http://www.whec2008.com)



# The Event

The theme for WHEC2008 - *Supplying Energy To A Changing World* - recognises that hydrogen is an energy carrier, and that the global energy business is changing. Two significant changes are occurring. On the one hand, the developed nations are acknowledging and responding to the impact that continuing use of fossil fuels has on both global climate and local air quality.

In contrast, the forecasted economic growth by developing nations such as China and India is likely to severely constrain global supplies as the demand for energy increases. In the future, will accepted market forces and economic theories shape the way we produce and use energy? Will other factors such as social and environmental impacts gain in importance in the coming years? The program will address the role of hydrogen energy and fuel cells in the future world, debating the issues and highlighting significant progress both in technologies and in our understanding of energy systems.

Delegates will have the unique opportunity to hear first hand of the experiences in Perth, Western Australia, of running hydrogen fuel cell buses - the first in the southern hemisphere. Other Australian initiatives such as leading edge research and development in hydrogen materials and fuel cell technologies are also expected to attract much interest.

## Sponsors

### Premier



### Silver



### Bronze



### Other

#### Dept of Education Science and Training (DEST)

This conference is supported by the *International Science Linkages* established under the Australian Government's innovation statement, *Backing Australia's Ability*

## Supported by



THE UNIVERSITY  
OF QUEENSLAND  
AUSTRALIA



International Partnership  
for the Hydrogen Economy

## Important Dates

Abstract submission deadline	Monday, 4 February 2008
Abstract notification to authors	Monday, 31 March 2008
Extended Abstract submission deadline	Wednesday, 30 April 2008

# Organising Committee

## **Honorary Chairman:**

**Professor T. Nejat Veziroglu**, President of the International Association for Hydrogen Energy

## **Conference Chairman:**

**Dr Andrew Dicks**, Senior Research Fellow, The School of Engineering, The University of Queensland

## **Conference Vice Chairman:**

**Dr David Rand**, Chief Research Scientist, CSIRO Energy Technology

**Mr Luigi Bonadio**, Principal and Senior Consultant, Luigi Bonadio and Associates

**Ms Sharon Denny**, Principal Policy Officer, Queensland Water Commission

**Dr Martin Gellender**, Research Officer - Energy Innovation, Sustainable Industries Division, Environmental Protection Agency

**Mr Robert Grant**, Research and Development Coordinator, Business Development, Hydro Tasmania

**Mr Colin Kinner**, General Manager, Physical Sciences, qutbluebox Pty Ltd

**Mr Simon Whitehouse**, Policy Consultant, POSition - Policy Options and Solutions and Leader, Work Package 6, HyFLEET:CUTE, PE-Europe, Stuttgart

## Host Country - Australia

Australia's landscape is a picture of amazing diversity, contrasts and natural wonder. From ancient Uluru (Ayers Rock) to the Great Barrier Reef, Australia's Red Centre reaches out to a magnificent azure coastline. The world's smallest continent and largest island, Australia is like nowhere else on earth. It is as large as mainland United States but has only 21 million people. It is adventurous, stylish and friendly, has unique flora and fauna and a fantastic climate. Aussies (as the locals are called) enjoy sport, beaches, music, performing arts, outdoor cafes, pubs, multicultural restaurants and sustaining friendships. A rich cultural blend of fashion, languages and cuisine colours the streets of Australia's major cities.

Further information about Australia can be found at [www.australia.com](http://www.australia.com)

# Host City – Brisbane

Brisbane, capital of Queensland, Australia's 'Sunshine State', is a modern, dynamic and sophisticated city that greets visitors with a warm and friendly welcome. Brisbane's mild and pleasant winters deliver an outdoor and subtropical lifestyle.

Brisbane's surrounding regions boast a feast of spectacular experiences. Refresh in a World Heritage listed rainforest, laze on sun-drenched beaches, explore the untouched charm of country towns, head south to the Gold Coast or north to the Sunshine Coast (home to the late Steve Irwin, The Crocodile Hunter), cuddle koalas or hand feed dolphins in the wild ... all within an hour's reach of the city. Convenient access to a complete range of Queensland destinations makes Brisbane the perfect launch pad to a host of other world-renowned attractions including the Daintree and the Great Barrier Reef.

## The Venue

### Brisbane Convention & Exhibition Centre

The Brisbane Convention & Exhibition Centre is part of the South Bank Corporation complex, which includes an Art Gallery, Museum, Performing Arts Complex and the Conservatorium of Music. The Centre is only a five minute walk away from South Bank Parklands, attractively presented gardens, tourist activities, shopping, food outlets and museums. Just across the Brisbane River, downtown Brisbane has an excellent range of shopping and restaurants, along with many hotels all within walking distance of the Centre.

## Official Language

The official language of the Conference is English.



# Abstract Submission

Abstracts are now invited for oral and poster presentations. If you wish to submit an abstract for consideration by the Program Committee, you will be required to register for the Conference. On-line submission is the only method for the receipt of abstracts. These should be limited to a maximum of 250 words. For more information regarding the required format and submission of abstracts, visit [www.whec2008.com](http://www.whec2008.com). If you have any questions regarding your on-line submissions, please email your query to [program@icms.com.au](mailto:program@icms.com.au).

We are introducing a new format to maximise your participation and focus on achieving conference outcomes. All accepted abstracts will require the preparation of a 4-page extended abstract for publication in refereed Conference proceedings. Papers will be supported by a poster or an oral presentation. The submission deadline for extended abstracts is **Wednesday, 30 April 2008**.

The sessions will be organised to promote broad discussion of Conference topics. Each session chair will provide a brief overview of the theme and a summary of the contributions.

## Submission Categories

Abstracts are sought in the fields of:

- Production of Hydrogen from Fossil Fuels
- Production of Hydrogen from Biomass
- Production of Hydrogen from Water
- Production of Hydrogen from Nuclear Power
- Hydrogen Distribution and Storage
- Fuel cells: Technology and Applications
- Hydrogen-fuelled Transportation
- Hydrogen for Stationary Power Generation
- Hydrogen Infrastructure and Refuelling
- Environmental Issues
- Carbon capture and storage (Sequestration)
- Safety
- Codes & Standards
- Education & Training
- Government Policy and Support
- National Hydrogen Programmes and Regional Initiatives
- International Incentives
- Commercialisation & Investment
- Hydrogen Energy: A Vision for The Future?

## Abstract Submission Deadline

If you wish to present an oral or a poster presentation, please submit your abstract on-line at [www.whec2008.com](http://www.whec2008.com) by no later than **Monday, 4 February 2008**.

## Confirmation of Receipt of Abstract

Immediately following submission via [www.whec2008.com](http://www.whec2008.com) you will receive an electronic abstract receipt, including a submission reference number and confirmation of your personal password. These details should be used if you wish to edit your abstract up to and no later than the submission deadline **Monday, 4 February 2008**.

No changes will be possible after this deadline. **Submissions of abstracts will not be accepted after this date.**

## Presentation Format

The Program Committee reserves the right to decide the format of presentation on the basis of time and space available. Abstracts will be reviewed by the Program Committee and contacts will be notified of abstract acceptance and the form of presentation by **Monday 31 March 2008**. **Presenting authors must register by Thursday 15 May 2008 to ensure inclusion in the Conference proceedings.**

## CSIRO Best Poster Award

CSIRO is pleased to be involved in the 17th World Hydrogen Energy Conference to be held in Brisbane in June 2008. As a member organisation, CSIRO is offering a cash prize for the best poster submitted for presentation at the Conference by a young researcher.

First Prize: A\$4,000.00

Second Prize: A\$1,000.00

Criteria are available on the website [www.whec2008.com](http://www.whec2008.com)



# Sponsorship and Exhibition

Companies are invited to participate as sponsors and exhibitors during 17<sup>th</sup> World Hydrogen Energy Conference. The exhibition area will be located centrally to the session rooms and delegates will have ample opportunity to view all of the exhibits. For further enquiries please contact ICMS Pty Ltd, the Conference and Exhibition Managers on [sponsorship@icms.com.au](mailto:sponsorship@icms.com.au) or telephone +61 7 3844 1138.

## Conference Office

### WHEC 2008

C/- ICMS Pty Ltd

PO Box 3496

South Brisbane QLD 4101

Australia

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