



Newsletter, volume 3 - June 2010

International Gas Union Research Conference - IGRC, 19-21 October 2011

Foreword by the Chairman of the Technical Programme Committee

“Innovation is the key to a sustainable future”

The dialog between business and research is a clear necessity to prepare the technology and innovations for the future of the gas industry. IGRC2011 will aim to strengthen such a dialogue on challenges facing the gas business and the answers research and innovation may offer.

In our December 2009 Newsletter, we announced the IGRC2011 conference which will be held in Seoul on October 19-21, 2011. We are now pleased to present to you an interesting program, building from the success of IGRC2008 which had a record attendance with both technical and business delegates.

The conference will be introduced by a CEOs' round table where gas companies' CEOs will share their views and expectations from Research and Innovation. In the 12 parallel sessions, high level experts will discuss many issues of importance to the gas business and its value chain : processing & supply, transmission & distribution, end-uses and transverse topics.

A specific focus will be put on critical technical issues like unconventional gases, keeping gas in the buildings of tomorrow and, the role of natural gas in smart energy grids. These topics will be discussed in the parallel sessions and in dedicated workshops.

Of course the poster sessions will form the core of the conference, offering the opportunity to exchange thoughts and ideas. It will be completed by an innovation exhibit where delegates will present concrete results and promising innovations for the gas industry.

Last but not least, we have introduced a new competition for Young Researcher Prize to encourage and recognize our promising engineers who develop the technical know-how and expertise the gas industry will need tomorrow.

I am pleased to invite you to the next IGRC in Seoul. It will be a stimulating and rewarding event, you will form many connections with key leaders in the industry and help in your professional development. I am relying on you to submit papers and encourage your colleagues to do the same. I expect it to be a well attended conference!

IGRC2011 Preliminary programme

IGRC is a series of conferences that has taken place every three years for more than 20 years, recently under the auspices of the International Gas Union. The last IGRC took place in Paris in October 2008. If you were there, it is unnecessary to say that this conference exceeded all expectations. With over 800 registered participants, the venue in Paris was a unique exchanges and networking opportunity for researchers, experts and business representatives.

The programme structure of the IGRC2008 proved to be very successful. For that reason, the IGRC2011 programme will be set up along the same lines.

This means:

- a CEOs' round table
- 12 oral sessions
- 4 posters sessions
- an innovations exhibit
- 6 workshops



Chairman TPC,
Marc Florette,
Senior VP
GdF Suez, France

The oral sessions and the poster sessions follow the gas value chain and cover the following subjects:

Processing & supply	Transmission & distribution	End-uses	Transverse
Advanced geo-engineering	T&D systems / economics	Power generation	LCA / footprint
Unconventional gases	Transmission	Residential end uses	
Processing of biogas	Distribution systems	Combustion	
LNG		NGV	

The workshops are special interactive sessions that address critical topics for the gas industry. In these workshops answers for the following questions are sought:

- What will be the picture in 2050: zero gas or zero carbon gas? Will natural gas be part of the long term solution?
- Keeping gas in the buildings of tomorrow: will codes and standards kill gas?
- What is the role of natural gas in smart energy grids?
- Is CCS a field of activity for the gas industry?
- What is the future of LNG?
- Will the gas industry be able to attract enough young talented researchers in an aging world to find the answers to pressing technological questions?

Korea Gas Union bids welcome to IGRC2011 in Seoul

The IGU is delighted that the Korea Gas Union has accepted the invitation to hold and to organise the IGRC2011 conference in Seoul, Republic of Korea between 19 and 21 October 2011. This guarantees a professionally-organised conference in a pleasant environment.

Host Country: Korea

Located at the centre of the Northeast Asian region, Korea has for thousands of years been the confluence where East meets West. Korea today is fascinating blend of old and new, and visitors will experience the essence of its glorious 5,000-year cultural heritage.



Venue City: Seoul

Seoul is the capital of Korea with over 600 years of history. It is the heart of Korea's culture and education as well as politics and economics. Seoul is unique in that historical sites and modern cultural facilities coexist in harmony. Located in a temperate zone and blessed with four distinct seasons, Seoul is a flourishing metropolis of over 11 million people. But despite being one of the world's largest cities, it is remarkably safe, and visitors can enjoy the city's vibrant culture any time day or night without worry.



Venue: COEX

COEX, the venue of IGRC2011, is the No. 1 convention facility in Korea. It boasts 225,000 square meters of space and state-of-the-art exhibition and convention facilities. It is located in central business area and has already hosted a variety of international events including LNG13. COEX has

multiple luxurious hotels within walking distances, direct access to Seoul's subway system, and a shopping mall and entertainment centre under the same roof.



Natural gas - an important part of the future fuel mix

Natural gas will continue to be an essential part of the global energy supply for a long time to come. There is no better alternative in the short or medium term that can replace natural gas, which currently covers a very large proportion (approx. 25 per cent) of global energy consumption.

On the contrary, natural gas utilisation will expand, because natural gas can in many instances advantageously replace the more polluting fuels oil and coal.

On establishment of new energy supply, gas will be the preferred fuel because it is the most efficient, flexible, environment-friendly and financially advantageous solution in many situations.

The International Energy Agency is thus predicting a 20-40 per cent increase in gas consumption in the run-up to 2030, depending on the development of energy policy.

Natural gas consequently is a key element in the control of climate issues in the short and medium term.

The gas industry will thus have an ongoing obligation to minimize the carbon footprint of gas consumption and this again calls for continued technological improvements and innovation.

Remember: "Innovation is the key to a sustainable future" !

Join us at IGRC2011 and get the best overview of gas technology innovation that anyone can offer.

What will happen next?

The call for papers for this prestigious conference will be issued on **September 1, 2010**. The deadline for sending in abstracts is **February 1, 2011**. The final conference programme will be distributed in the 2nd quarter of 2011.

The deadline for the submission of papers for the proceedings will be **July 1, 2011**.

Remember to mark you calendar already now

IGRC2011

19 - 21 October 2011

Seoul

Republic of Korea

See also: www.igrc2011.com

Sponsoring

The Conference Organisers are offering companies the opportunity to sponsor the IGU Research Conference – IGRC and thus benefit from improved visibility for their companies, institutions or associations. Various sponsorships opportunities are available depending on the financial contribution.

Don't lose the last opportunities to become a main sponsor of this event.

For further details please contact Mr. Robert Doets, P/O Box 20051, 7302 HB Apeldoorn, The Netherlands (foundation.igrc@upcmail.nl).

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