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News Letter No. 7 - May 2011

Please visit:
www.igrc2011.com

The early bird registration period has been extended until 13 May 2011

Invitation to IGRC2011

It is indeed an honour for me to cordially invite you to participate in the 13th International Gas Union Research Conference (IGRC2011) to be held in Seoul, Korea during 19 to 21 October 2011.

The IGRC is the No. 1 R&D conference in the global gas industry to be held under the auspices of the International Gas Union (IGU). The IGRC provides gas researchers and other interested business partners with an excellent opportunity to exchange thoughts and ideas. Recently, global gas industry is facing tremendous challenges like energy demand, the security of supply and climate change.

The natural gas is expected to continue to play an increasingly important role as a clean fossil fuel, especially due to the aftermath of the recent radiation leakage in a nuclear power plant following the Japanese earthquake and tsunami.

Under these unpredictable circumstances, it is indispensable to strengthen the competitiveness of natural gas through continuous investment in R&D. I am sure that IGRC2011 will provide you a great opportunity to learn of the latest development and trends in gas industry.

With its theme ***Innovation is the Key to a Sustainable Future***, IGRC2011 will be hosted by the Korea Gas Union (KGU). With its accumulated experience and expertise in hosting many international gas related events such as GASEX in 1998, IGU Council Meeting in 1999 and 2008, LNG13 in 2001, and IGU ICT2005 in 2005, KGU will make the IGRC2011 conference a successful one.

Over 300 abstract for IGRC2011 have been submitted and the IGRC Technical Programme Committee carefully selected outstanding abstracts among them by applying strict standards to raise the quality of presentation.

The IGRC2011 is especially meaningful to Asian gas colleagues as it will be first IGRC conference held in Asia. The current vigorous participation in abstract submission and registration from the Asian region is reflecting high expectation and interest in this event. I am confident the IGRC2011 will contribute greatly to the development of the Asian gas industry.

The venue city Seoul takes pride in having an extraordinary environment for hosting conventions and the venue COEX Convention Centre is the No. 1 state-of-the-art convention facility in Korea.



Kang Soo Choo
President & CEO of
KOGAS
Chairman of
Korea Gas Union

Now the registration is on the way on the website (www.igrc2011.com). I firmly believe that the conference will be a very successful one and you will also gain a great opportunity to enjoy the beautiful autumn in Korea.

I greatly look forward to your participation at IGRC2011 and to seeing you in Seoul in October.

Kang Soo Choo
President & CEO of KOGAS
Chairman of Korea Gas Union

5 Reasons to attend the IGRC2011

- Listen to CEO's expectations on R&D and Technology and interact with them
- Learn about new technologies to efficiently operate your infrastructure and about new end-uses equipment
- Discuss about new challenges: unconventional gases, smart grids, CCS, long-term vision for natural gas...
- Look at the more promising innovations for the gas business
- Find networking opportunities to share views and experience and initiate new R&D cooperation

Workshops at the IGRC2011

Besides oral and poster sessions the IGRC will host six workshops. In order to give you a flavour of what you can expect at these workshops, two organisers describe in broad outline their workshops.

Workshop 2 ***Is there a role for natural gas in smart energy grids?***

(Organised by KEMA, The Netherlands)

Distributed energy resources are a very promising way to solve today's climate and energy problems. To integrate distributed energy resources in the energy network on a large scale, grid operators and utilities will face new social, technical and economic challenges. During the workshop we will discuss the relevance of flexible (local) gas fired power generation to provide the required flexible power to integrate renewable energy sources and backup the grid in case of capacity problems. In addition we will follow the New Gas Value Chain approach whereby demonstrate the need for smart gas grids once new gases (e.g. biogas or hydrogen) are introduced in the gas system and will be injected both centrally and de-centrally enforcing two way gas streams in the grid. We will debate about the design and asset management of the gas infrastructure since all the traditional function (e.g. quality control, flow) can not only be controlled from the transmission grid. The workshop provides a global view from the top and opportunities for leaders to connect with other leaders as they seek to build for the future. In addition results of pilot projects will be shared showing transition pathways towards a sustainable future.

Workshop 5 ***Keeping gas in the buildings of tomorrow: will codes and standards kill gas?***

(Organised by Gas Technology Institute, USA)

One of the most effective options for countries seeking to increase energy efficiency and reduce greenhouse gas emissions is to incorporate requirements into building codes and standards. Buildings can last more than 100 years, and typically consume at least 30% of a country's total energy demand. Consequently, sound science is critical in formulating codes and standards. This workshop will explore the question of whether buildings rules and regulations exclude natural gas as a solution, and options for the gas industry to respond. An international panel of experts will discuss trends in their home countries. Dr. Shahrzad Rahbar, Executive Director for the newly-formed organization Energy Technology & Innovation Canada will discuss trends in building codes, and ETIC's vision for the role gas can play in an integrated energy delivery system.

Representing Japan is Dr. Takashi Akimoto, Professor of Department of Architecture and Building Engineering, Shibaura Institute of Technology in Tokyo. He is a member of Research and Development Committee for CASBEE (Comprehensive Assessment System for Building Environmental Efficiency). His other research interests include thermal comfort, workplace productivity, task/ambient conditioning systems, floor-supply HVAC (Heating, Ventilating, and Air Conditioning) systems, floor heating, etc. Jim Ranfone, Managing Director, Building Codes and Standards for the American Gas Association will discuss his efforts to get the International Green Construction Code to include compliance provisions that require the building annual energy usage to be calculated on a "source" basis, tracing CO2 emissions for all energy back to their regional source. Their standard is the first model building energy code that recognizes the need to measure energy use at the "source" rather than just at the site. In addition, provisions are included to measure CO2e emissions, an important aspect of leveling the playing field for gas. Additional participants will be named to represent the European perspective.

Click [here](#) to download the Tentative programme (PDF)

Registration

The deadline for early-bird registration has been shifted to 13 May 2011, so do not miss out on the early bird registration.

Click [here](#) to download the Registration Handbook (PDF).

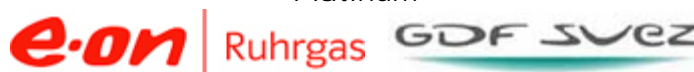
Sponsoring

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.

Diamond



Platinum



Gold



Silver



Bronze



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

Contact

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