



TECHNOLOGY

DEVELOPMENT OF MOTOR GAS RESOURCES AND DIVERSIFICATION OF TRADE AND USES



1. L'appel à communications est ouvert

Under the theme "Technology: Development of Motor gas resources and diversification of trade and uses"

the Algerian Association of the Gas Industry (AIG) invites you to participate actively in its 5th Symposium AIG through your communications and posters submitting a summary of your potential communication project before June 30, 2015.

The 5th IAG Symposium will be held in Algiers.

For more information about the conference, visit the IAG website: www.aig.dz

2. Key dates

- April 16, 2015 Call for papers launched
- June 30, 2015 Deadline for abstract submission
- September 30, 2015 Notification to authors
- 30 November 2015 Deadline for submission of the full paper
- 16 & 17 February 2016 holding of the 5th IAG Symposium

3. Submission of abstracts

- All abstracts should be sent to the following email address org5symposium@aig.dz
- The deadline for submission of abstracts is June 30, 2015

4. Theme of the 5th IAG Symposium

The conference covers all links to the natural gas value chain. Presentations will focus on all technical issues of interest to the gas industry. The program also includes transversal themes, such as marketing, strategy and foresight, the environment, and human resource.

Strategy and prospects of gas markets:

- Gas Reserves and strategies (World, Africa, MENA)
- Gas Markets, overview and outlook for the medium and long term
- Type Contracts, prices and trade
- Gas Strategy and natural gas monetization options (electricity, petrochemicals ...)
- Recent Innovations in NG development models and LNG
- Energy policies and industrial integration
- Integration and local partnership

Exploration and Production:

- Technological advances in exploration and production of gas
- New drilling technologies and completion
- Geophysical advanced: acquisition, processing and modeling (3D, 4D, AVO, etc ...)
- Geological and geochemical modeling
- The reservoir management
- Application of innovative technologies for unconventional gas (shale gas, tight gas, gas hydrates, etc ...)
- Logistics Chain
- Offshore Technologies
- Management of mature fields (EOR)

Transportation and distribution :

- Gas carrier ship construction (CNG, LNG)
- Development of the Marine Bunkering LNG (LNG Bunkering) at ports

- Transport combination of LNG and pipeline: Crossing perspectives between markets and swap
- Integrity management of transmission and distribution networks
- Smart grids gas distribution: why and how?
- New technologies of transmission systems
- The natural gas storage
- The gas metering and legal metrology

Liquefaction: :

- The small scale LNG and Infrastructures
- Separation and gas processing
- Floating LNG Regasification Units with system (FSRU)
- Gas Extraction Units with liquefaction unit (LNG F)

Use:

- Diversification of the use of gas on the national market for transport (CNG)
- LNG as a transport fuel (marine & terrestrial)
- The industrial use of gas
- Remote LNG
- Natural Gas Vehicles: sustainable route to a cleaner planet
- Heating technology, cooling and power generation in homes and small businesses.
- The feedback on the hybrid plants.
- Convergence of natural gas applications and infrastructure with power and renewable energy systems
- Efficiency in the use of gas (cogeneration, integration of new technologies,)
- Combined Facilities: heating and electricity production in rural areas for economies of scale

Valuation:

- Natural gas as a leading fuel efficient growth of the industry
- Technologies for the monetization of gas reserves
- Overview on gas monetization options
- Technology and economy of power to gas

Human Resources:

- Preparation of the resource to support technological development
- Knowledge Management / Transfer of knowledge and know-how
- Accumulation of experience and succession planning
- HR Information System as key support in the development of gas trades
- The role of the University-Business partnership in knowledge transfer and the development of the gas industry.

Health, Safety and Environment:

The environmental aspects of unconventional gas

- Security of gas wells
- Water management, rejection set of drilling mud and fracturing
- Cleanliness and Technology, a global challenge.
- Public acceptance of natural gas projects
- Flaring gas, ventilation reduction
- Carbon capture and storage (CCS), the development and the prospects for a sustainable gas industry

- The CDM (Clean Development Mechanisms) and tri-generation
- Natural Gas Place in the mitigation of greenhouse gases
- Securing the use of gas (equipment, home installations ...)
- S  curisation de l'utilisation du gaz (  quipements, installations, ...)

5. Selection of papers

Authors will be notified of acceptance of their abstract no later than 30 September 2015.

Accepted papers will be made available to delegates registered online sur www.aig.dz after the conference. Accepted papers will be presented in oral sessions, workshops and posters.

Excellence and encouragement prize for young researchers / students

AIG plans to honor the young managers, researchers & students by granting an award of excellence (200,000 DA) for the most outstanding communication in the field of new technologies and perspectives in the study of research and exploitation of complex or unconventional hydrocarbons.

Incentive prizes (100,000 DA) for young researchers & students will be dedicated to the most outstanding communication, selected from all submissions in each of the thematic sessions of the Symposium.

An independent jury will be constituted for this purpose among the participants in the Symposium in partnership with sponsors of these prizes. The evaluation grid will first be prepared and presented at the time of the announcement of the winning

Terms of participation

Participation as an auditor at the Symposium is reserved primarily for members of the IAG members and representatives of operators / players of Algerian and international gas industry, Services of the Energy sector Companies, oil and the environment, academics, researchers, experts, students and members of Professional Associations in these areas.

Registration of delegates

Pre-registration of delegates is scheduled November 1, 2015 until December 31, 2015.

The registration fees for non-adherent individuals with AIG are 10,000 DA TTC. A 50% discount is given for each legal entity registered at least 5 participants.

Registration fees for adherent individuals with AIG are set to 2500 DA TTC. A 50% discount is given for each legal entity registered at least 5 participants.

Legal persons will be "sponsors" will get a proportional number of free plays sponsorship level (Platinum: 10; Gold: 8; Silver: 6; Bronze: 4).

Pre-registration must be made exclusively via the Internet by filling out the registration form available on the IAG website and sent to the following email address:

enreg5symposium@aig.dz

An acknowledgment of receipt will be sent to each candidate for participation after confirmation of registration by the Organizing Committee and receipt of the registration fees to the bank account of the Association. Only this acknowledgment of receipt confers the right to participation in the Symposium.

6. Delegates Sponsorship AIG

AIG sponsor the participation in the conference for a number of students and members of associations active in the field of Energy, Hydrocarbons and Environment.

Applications for participation in this direction and their acceptance will also exchange emails between the Organizing Committee of the Symposium and the authorized managers of the persons concerned.

7. Inscription des d  l  gu  s

La pr  inscription des d  l  gu  s est pr  vue du 1er Novembre 2015 au 31 d  cembre 2015. Les frais d'inscription pour les personnes physiques non adh  rentes    l'AIG sont de 10.000 DA TTC. Une r  duction de 50% est accord  e pour chaque personne morale qui inscrit au moins 5 participants.

Les frais d'inscription pour les personnes physiques adh  rentes    l'AIG sont de 5000 DA TTC. Une r  duction de 50% est accord  e pour chaque personne morale qui inscrit au moins 5 participants.

Les personnes morales qui seront « sponsors » auront droit    un nombre de participations gratuites proportionnel au niveau de sponsoring (Platine : 8 ; Or : 6 ; Argent : 4 ; Bronze : 2) Les auteurs de communication sont dispens  s des frais d'inscription.

Exhibition "Innovation"

The 5th IAG Symposium will also include an exhibition dedicated to innovations for the gas industry. Exhibition space can be allocated via the following email address:

expo5symposium@aig.dz

Sponsors will have an area proportional to the degree of sponsorship, subject to availability and based on "first come - first served" to expose their activities and know-how on the theme of the 5th Symposium.