

Call for Papers- The 2009 Annual Conference of the Ghana Institution of Engineers



Venue:
Engineers Centre, Accra, Ghana

Date:
March 25-27, 2009

“ENGINEERING THE OIL AND GAS INDUSTRY”

Oil and Gas exploration began in Ghana several years ago but it was only recently in 2007 that a number of significant finds confirmed that Ghana would soon join the ranks of major oil producing nations. An estimated 800 million barrels of oil was found in the deepwater Tano block at Cape Three Points in the Western Region by London based Tullow Oil and this was soon followed by the announcement of an estimated 400 million barrel find by Kosmos Oil. It is now held by the industry that this find could be as much as two billion barrels of oil. Whilst oil exploration is still ongoing, it is almost certain that further discoveries will be made.

It is assumed by many politicians, decision makers and the general populace that the oil find will automatically transform our economy for the better but the fact is that, this has not always been the case for many oil producing nations. If Ghana is to rely solely on the financial benefits that it can derive by virtue of its ownership of the oil resource alone, then much of the wealth that will be generated will go into the hands of others.

Several industries and activities may be developed as a result of the exploitation of the Oil and Gas resource and financial benefits will be derived by those who participate in these industries. The questions then arise: How prepared is Ghana for participation in the activities that will derive the Oil and Gas Industry? Or more especially, how prepared are we to meet the engineering manpower needs that will arise. What strategies are we going to deploy to ensure that negative environmental and social impacts on the immediate surroundings are avoided or minimized? Whilst it is obvious that manpower and material requirements will have to be imported initially, what strategies can be employed to ensure that Ghanaians acquire the necessary knowledge and skills in the shortest possible time to replace the imported manpower and provide the materials required by the industry.

The 2009 Oil and Gas Conference by the Ghana Institution of Engineers seeks to unravel and make available, thoughts and ideas on ways of “Engineering the Oil and Gas Industry” to drive maximum benefits for Ghana.

Conference Themes

- Engineering challenges upstream.
- Engineering challenges downstream.
- Technology transfer and human resource constraints and challenges.
- The environmental impacts of the Oil and Gas Industry on the immediate surrounding communities.

- The environmental impacts of the Oil and Gas industry on the Ghanaian economy.
- The social impacts of the Oil and Gas Industry on the immediate surrounding communities.
- The social impacts of the Oil and Gas Industry on the Ghanaian economy.
- International experience in the Oil and Gas Industry.

TECHNICAL PAPERS & POSTER PRESENTATIONS

We welcome technical papers and posters presentations on any of the sub-themes listed and/or any topics that are related and relevant to any of the sub-themes above and invite authors to send their abstracts to the address shown below (preferably by e-mail) before the deadline for receipt of abstracts. Submissions must be original and should not have been accepted elsewhere by any other conference or journal.

On acceptance of abstracts, authors will either be invited to prepare a poster presentation or a full paper for presentation during a technical session of the conference

INFORMATION FOR CONTRIBUTORS

Papers to be presented during the conference will be published and distributed to participants. Final proceedings including the papers presented during the conference will be published after the conference for international distribution electronically.

Papers to be delivered during the Annual Conference are to be prepared according to the following requirements:

- **Language and Preparation of Manuscript**

Technical papers are to be submitted in English and to be no more than 10 pages in length inclusive of illustrations when produced on A4 with words in 11 point Arial font, single spaced and in single column format with margins of 20mm all round. Authors will be provided with more detailed instructions for presentation of technical papers on acceptance of their abstracts.

- **Structure of Manuscript**

Manuscripts should generally follow this order: Title, Authors, Affiliation and Address, Abstract, Keywords, Main text, Acknowledgements, Appendices, References, Figures and then Tables.

- **Illustrations**

Tables, Figures (including pictures) shall be professionally and electronically produced and numbered sequentially in the order to which they are referred. These shall be captioned in a manner that makes each entry clearly identifiable independently of the text. Tables and Figures should be listed on separate sheets but counted in the maximum 10 pages.

- **References**

References shall conform to the Harvard system (Author, date) and must all be listed in alphabetical order at the end of the text. Examples of citing references in the text are: "Since Hills (1993) has shown that" or "This is in agreement with results obtained later (e.g. Salifu, 1999, or Bawa et al, 1999). References shall be counted in the maximum 10 pages.

- **Abstract**

All papers should start with an abstract of a maximum of 250 words describing in straightforward language the contents of the paper, particularly, in relation to the procedures, results and conclusions. This should be followed by a maximum of five (5) keywords. This shall be submitted by email in Microsoft Word.

- **Full Papers**

Upon acceptance of the abstracts full papers shall then be submitted also in Microsoft Word and submitted by email as per the deadline.

- **Oral Presentations**

Where your paper is selected for presentation, you shall also prepare a maximum of a 20 minute power point presentation of your paper.

- **Poster presentations**

Where your paper is selected for a poster presentation you shall present your paper on a DIN paper size 120cmX 60cm

- **Submission**

One original printout of the paper should be submitted to the address below together with an electronic copy in Microsoft Word.

IMPORTANT DATES

February 20, 2009 - Receipt of Abstracts
February 23, 2009 - Notification of acceptance
March 13, 2009 - Receipt of Main Paper

2009 Annual Conference 25-27 March 2009

ADDRESS FOR COMMUNICATION

The Executive Secretary
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