

INFORMATION



Deutsche Wissenschaftliche Gesellschaft
für Erdöl, Erdgas und Kohle e.V.



Società Chimica
Italiana



Österreichische Gesellschaft
für Erdölwissenschaften

Hamburg, October 2014

15/2014

First Announcement and Call for Papers

The **Petrochemistry Division of DGMK** announces its 23rd topical Conference with the general theme

“Synthesis Gas Chemistry”

The Conference is jointly organized by the Petrochemistry Division of DGMK, the Division of Industrial Chemistry of the Società Chimica Italiana (SCI) and ÖGEW Österreichische Gesellschaft für Erdölwissenschaften. The scientific chairmen are Professor Dr. Stefan Ernst (Technische Universität Kaiserslautern), Professor Dr. Arno Behr (Technische Universität Dortmund), Dr. Harald Häger (Evonik Industrie AG, Marl), Dr. Michael Bender (BASF SE, Ludwigshafen), Professor Dr. Andreas Jess (Universität Bayreuth), and Dr. Mario Marchionna (Saipem S.p.A., San Donato Milanese, Italy).

**October 7 -9, 2015
in Dresden, Germany**

English will be the Conference language throughout. The scientific program will consist of keynote lectures (upon invitation only) by renowned experts in the field, oral presentations and poster presentations. There will be no parallel sessions and ample time for discussion. The manuscripts of all keynote, oral and poster presentations will be handed out to registered participants at the Conference desk in Dresden.

Processes based on synthesis gas are among the key processes for the production of both commodities and fine chemicals. Synthesis gas processes give access to large scale chemicals like methanol, Oxo- or Fischer-Tropsch-products. The recent scientific and technological progress in the field of synthesis gas production and chemistry has stimulated the DGMK to organize this conference.

It is the intention to provide a forum for chemists and engineers from petrochemistry and the chemical industry as well as from academia to discuss the latest results and progress in synthesis gas chemistry with respect to petrochemistry in particular.

The meeting will cover the following areas:

- Production of synthesis gas (raw materials, e. g. natural gas, heavy oils, coal, waste materials, biomass; process design and technology; new developments)
- Purification and separation processes
- Direct catalytic conversion of syngas
 - methanol production
 - Fischer-Tropsch-Synthesis:
gas-to-liquids (GTL), coal-to-liquids (CTL), biomass-to-liquids (BTL)
 - biocatalytic conversion and other processes
- Carbon dioxide as carbon source in synthesis gas
- Hydroformylation, Oxo processes
- Special fields of industrial interest in carbonylation, e.g.:
 - amidocarbonylation
 - alcohol carbonylation
 - oxidative carbonylation
 - hydrocarboxylation, hydrocarbonylation and others.
- Methanol and derivatives as building blocks for chemicals and fuels

Please send your proposal by

May 1, 2015

to:

DGMK

German Society for Petroleum and Coal Science and Technology.

Attention: Dr. Gisa Tessmer / Mrs. Christa Jenke

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Preferably by email to:

petrochemistry@dgmk.de

All proposals should contain the envisaged title of the paper, the authors' names and affiliations including their addresses and a concise abstract. The complete proposal should not exceed one typewritten page. Please note, that we intend to provide the accepted abstracts on our homepage. We therefore kindly ask you to use the template for abstracts on our website.

Please note that authors will not be exempt from paying the Conference fee.

Dr. Gisa Tessmer and Mrs. Christa Jenke from DGMK or any of the organizers will be pleased to provide more information on any aspect related to the 2015 Conference of the Petrochemistry Division of DGMK.

Stefan Ernst

Arno Behr

Michael Bender

Harald Häger

Andreas Jess

Mario Marchionna