

# INFORMATION



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



Società Chimica  
Italiana



Österreichische Gesellschaft  
für Erdölwissenschaften

Hamburg, April 2017

5/2017

## Second Announcement and Call for Papers

The **Petrochemistry Division of DGMK** announces its 25<sup>th</sup> topical Conference with the general theme

### “Petrochemistry and Refining in a Changing Raw Materials Landscape”

**October 9 - 11, 2017  
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.

The following keynote lectures have already been agreed on (working titles):

- Chemical production technologies in a changing raw material landscape (D. Kratz, BASF SE)
- Tailor-made fuels for sustainable mobility (W. Leitner, RWTH Aachen)
- Shale gas components and their use (J. Bricker, Honeywell)
- Elementary steps in the oxidative alkane activation (H. Schwarz, TU Berlin)
- Regenerative raw materials in the chemical industry (N.N., BASF SE)
- Applications of homogeneous catalysis in a changing raw materials landscape (M. Beller, LIKAT, Rostock)
- Oxidative dehydrogenation of short chain alkanes (A. Meiswinkel, Linde AG)
- Selective conversion of propane and butane to corresponding olefins (J. H. Sherman, Reaction 35)
- Carbon2Chem: Synfuels from coal in a renewable energy world (E. Schwab, BASF SE)

Changes in the availability and the nature of raw materials for fuels and petrochemicals always have consequences for technologies in the refining and the petrochemical industry. Currently, these industries face such changes based on the increased availability of cheap natural gas, shale gas etc. on the one hand. On the other hand, refiners have to cope with varying feedstock qualities and an increasing need for tailored high-quality fuels.

Finally, an increased use of biomass as feedstock for petrochemicals and fuels and its technological consequences will be discussed. The issues created by these changes will be dealt with at this DGMK Conference. Therefore, proposals for oral and poster contributions will be highly welcome, which address novel developments in petrochemistry and refining related to the raw materials changes which we currently experience. Examples for topics which will be addressed are the increasing use of natural gas as chemical feedstock (e.g., via synthesis gas, via direct oxidation to methanol or non-oxidative coupling to aromatics), the catalytic activation and valorization of short chain alkanes and the use of renewables for the production of fuels and petrochemicals.

There will be no parallel sessions and ample time will be available for discussion. The manuscripts of all keynote, oral and poster presentations will be distributed to all registered participants at the Conference desk in Dresden.

Please send your proposal by

**May 1, 2017**

to:

**DGMK**

**German Society for Petroleum and Coal Science and Technology**

Attention: Dr. Gisa Tessmer / Mrs. Christa Jenke  
Überseering 40  
D-22297 Hamburg  
Phone: +49 40 639004 11 or -12  
Fax: +49 40 639004 50

Preferably by email to: [petrochemistry@dgmk.de](mailto: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.**

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), Dr. Michael Bender (BASF SE, Ludwigshafen), Dr. Ulrich Balfanz (BP Europa SE, Bochum), Dr. Harald Häger (Evonik Performance Materials GmbH, Marl), Professor Dr. Johannes A. Lercher (Technische Universität München) and Dr. Mario Marchionna (Saipem S.p.A., San Donato Milanese, Italy).

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 2017 Conference of the Petrochemistry Division of DGMK.

Stefan Ernst

Michael Bender

Ulrich Balfanz

Harald Häger

Johannes A. Lercher

Mario Marchionna