

INFORMATION



Società Chimica
Italiana



Österreichische Gesellschaft
für Erdölwissenschaften

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

Hamburg, September 2009

19/2009

First Announcement and Call for Papers

The **Petrochemistry Division of DGMK** announces its 18th topical Conference with the general theme

„The Future Role of Hydrogen in Petrochemistry and Energy Supply“

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 (TU Kaiserslautern), Professor Dr. Johannes A. Lercher (Technische Universität München), Dr. Josef Lichtscheidl (OMV Refining & Marketing GmbH, Schwechat), Dr. Mario Marchionna (Eni S.p.A.), Dr. Friedbert Nees (BASF SE, Ludwigshafen) and Professor Elio Santacesaria (Università “Federico II”, Napoli).

The Conference will be held

**October 4 – 6, 2010,
in Berlin, 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 will be allowed for discussion. The proceedings with the manuscripts of keynote, oral and poster presentations will be handed out to registered participants at the Conference desk in Berlin.

The Conference will address all scientific and technical issues related to the general theme. Particular emphasis will be on the following topics: The ongoing development of hydrogen based value chains in refining and petrochemistry, in particular the challenges arising from future fuel specifications (e.g., lower sulphur content in fuels/heating oils, reduction of aromatics in gasoline and diesel, reduced hydrogen yields from catalytic reforming), the increasing use of heavier feedstocks and an expected increase in the demand for hydrogen by fuel cells and alternative propulsion concepts.

Hence, contributions on new or improved methods for the large scale manufacture of hydrogen or on alternative sources for hydrogen will be particularly welcome. Pertinent examples are innovations in steam reforming and partial oxidation of hydrocarbons or alcohols (e.g. methanol, glycerol), hydrogen production by cracking or dehydrogenation reactions, recovery of hydrogen from diluted gas streams in refinery and petrochemistry or the synthesis of ultra-pure hydrogen via electrolysis. Moreover, contributions on new uses of hydrogen (e.g. as fuel) will also be appreciated.

Please send your proposal by

May 1, 2010

to:

DGMK
German Society for Petroleum and Coal Science
and Technology

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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 2010 Conference of the Petrochemistry Division of DGMK.

S. Ernst

J. A. Lercher

J. Lichtscheidl

M. Marchionna

F. Nees

E. Santacesaria