

## DGMK-Event / DGMK

### Hydrogen and Syngas - Platform for a sustainable future

---

**Date**

28.-29.10.2025

---

**Venue**

Haus der Technik

---

**Address**

Essen

---

The Conference is jointly organized by the DGMK Divisions "Petrochemistry" and "Conversion of Carbon Carriers", the Division of Industrial Chemistry of the Società Chimica Italiana (SCI) and the ÖGEW Österreichische Gesellschaft für Energiewissenschaften.

Abstracts on both fundamental studies and applied research around the above topics will be highly welcome.

English will be the conference language throughout. The scientific program will consist of keynote lectures by renowned experts in the field (upon invitation only), oral presentations and poster presentations. The preprints with the manuscripts of keynote, oral and poster presentations will be handed out in electronic form to registered participants only at the conference desk.

#### Topics of Keynote Lectures

Sustainable hydrogen generation/production

Carbon capture (direct air capture (DAC), point source capture, ocean capture, bioenergy carbon capture (BECC))

Sustainable syngas production

Valorization of biomass

Transport and storage of hydrogen and its derivatives

Methanol & Fischer Tropsch synthesis - Fuels and Intermediates for the Chemical Industry

Oxo chemistry

## Keynote Speaker

We are happy to announce the following keynote lectures.

### Pathways to Low Carbon Hydrogen

*Dr. Axel Behrens, Linde GmbH, Linde Engineering, Pullach, Germany*

### From Ambition to Infrastructure: The Industrial Imperative for Hydrogen and Syngas

*Dr. Timm Kehler, Die Gas- und Wasserstoffwirtschaft e.V., Berlin, Germany*

### **Electrochemical DAC as a game changer for cost-competitive chemicals?**

*Dr. Malte Feucht, Phlair GmbH, Ismaning, Germany*

tba

*Dr. Gonzalo Prieto, Instituto de Tecnologia Quimica, ITQ, Valencia, España*

tba

*Prof. Dr.-Ing. Andreas Peschel, Forschungszentrum Jülich GmbH, Institute for Sustainable Hydrogen Economy (INW), Jülich, Germany*

tba

*Prof. Dr.-Ing. Frederik Scheiff, Karlsruhe Institute of Technology (KIT), Engler-Bunte Institute (EBI)*

## Call for Abstract

### Guidelines for Abstract Submission

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

Please use our abstract template and send it to [ines.musekamp@dgmk.de](mailto:ines.musekamp@dgmk.de)

**Deadline for Abstract Submission:** May 8, 2025

[Download Abstract Template](#)

[Flyer Call for Paper](#)

## Scientific Committee

Tilman Bechthold, RWE Power AG, Essen

Prof. Dr. Frank Behrendt, TU Berlin, Berlin

Dr. Michael Bender, BASF SE, Ludwigshafen

Dr. Karsten Büker, thyssenkrupp Uhde GmbH, Dortmund

Prof. Dr. Jakob Burger, TU Munich, Straubing

Prof. Dr.-Ing. Bernd Epple, TU Darmstadt, Darmstadt

Dr. Alexander Gammersbach, Ineos Manufacturing Deutschland GmbH, Cologne

Dr.-Ing. Stefan Guhl, TU Bergakademie Freiberg, IEC, Freiberg

Dr. Harald Häger, Evonik Oxeno GmbH & Co. KG, Marl

Prof. Dr. Marco Haumann, Friedrich-Alexander University Erlangen-Nuremberg, Erlangen

Prof. Dr.-Ing. Andreas Jess, University of Bayreuth, Bayreuth  
Prof. Dr. Johannes A. Lercher, TU Munich, Munich  
Dr. Mario Marchionna, Saipem S.p.A., San Donato Milanese, Italy  
Dr. Matthias Müller-Hagedorn, BASF SE, Ludwigshafen  
Prof. Dr. Jörg Sauer, KIT, Karlsruhe  
Prof. Dr. Jennifer Strunk, TU Munich, Munich  
Dr. Andreas J. Vorholt, Max Planck Institute for Chemical Energy Conversion,  
Mühlheim an der Ruhr  
Prof. Dr. Dieter Vogt, TU Dortmund University  
Dr. Bryce Williams, AIR LIQUIDE Forschung und Entwicklung GmbH, Frankfurt

## Hotel

We have arranged allotments in the following hotels:

### Premier Inn Essen City Center

At the main station 3  
45127 Essen

E-mail: [groups.west@premierinn.com](mailto:groups.west@premierinn.com)

Single Room € 93.00 / Night excl. breakfast

For reservations please use the keyword "DGMK eV".  
The allotment is available until **September, 30, 2025!**

B&B HOTEL ESSEN HBF  
Hollestrasse 50  
45127 Essen

E-mail: [H1444-RE@accor.com](mailto:H1444-RE@accor.com)  
Phone: 0049 201 2428 0

Single Room € 86.00 / Night incl. breakfast

For reservations please use the keyword "DGMK".  
The allotment is available until **September, 16, 2025!**

## Event Coordinator

Dr. Gesa Netzeband

Head of the Petrochemicals & Conversion of Carbon  
Carriers departments

[+49 40 639004 21](tel:+494063900421)  
[gesa.netzeband@dgmk.de](mailto:gesa.netzeband@dgmk.de)

Ines Musekamp

Coordination of the Department Geo-Energy-  
Systems and Subsurface Technologies

[+49 40 639004 71](tel:+494063900471)  
[ines.musekamp@dgmk.de](mailto:ines.musekamp@dgmk.de)