Energy and Material Flows in Sustainable Petrochemistry - Opportunities and Implications

This conference is jointly organized by the DGMK-Fachausschuss "Technical Chemistry", the Division of Industrial Chemistry of the Austrian Chemical Society (SCI) and the DGMK-Fachausschuss Geschichte der Erdöl-Erdgas-Kohle

This conference brings together experts from industry and academia to analyze features of new conversion routes that govern its huge participation from industry, representing roughly one third of the delegates. The Colloquium is an ideal platform for networking. This conference will cover important scientific and technological issues (e.g., catalysis and other reaction), petrochemical technologies addressing the current challenges of the energy transition and transport sustainability.

Abstracts in both German and English (invited, and regularly reviewed) accepted. Abstracts should be submitted by the deadline mentioned above and are highly welcome.

All spoken and also the conference language throughout. The scientific programme consists of regularly attended reports on the field (oral, invited only), short presentations and poster presentations. There will be no parallel sessions and all delegates will be addressed. The programme with the invited talks of reports, short and poster presentations will be mailed out in advance from the registered participants only at the conference date.

Topics of Keynote Lectures

Utilization of unconventional feedstocks (waste streams, bio-derived raw materials) in petrochemical processes
Energy efficiency and product-carbon-footprint of processes and materials
Electrification of petrochemical processes
Design and evaluation of sustainable processes & separations
AI and data science in process design and optimization
Cross-industry value chains (e.g. steel, cement, refineries, ...)

Informazioni**Organizzazione:** DGMK /SCI / Soc.Chimica Austriaca
Luogo: Amburgo
Dal: 27 Novembre, 2024
Al: 29 Novembre, 2024
Link: www.dgmk.de [1]
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Links:
[1] https://urldefense.com/v3/__https:/dgmk.de/veranstaltungen/energy-and-material-flows-in-sustainable-petrochemicals/__;!!I_2dWM2CSg!-f35DL9c2AAjYNuhWq0ZCxAfDQzTN-J7WpT4E7GI8yX_IDTT5fQTewfgtIQJIs8va3bUZfF2SyxhzSCSTiBMyAOEsjY-yg$