

# Energy and Material Flows in Sustainable Petrochemistry - Opportunities and Implications

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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 **Organize by:** DGMK /SCI / Soc.Chimica Austriaca

**Luogo:** Amburgo

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**Al:** 29 November, 2024

**Link:** [www.dgmk.de](http://www.dgmk.de) [1]

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**Source URL:** <https://www.soc.chim.it/en/node/3488>

**Links:**

[1] [https://urldefense.com/v3/\\_https://dgmk.de/veranstaltungen/energy-and-material-flows-in-sustainable-petrochemicals/\\_;!!\\_2dWM2CSg!-f35DL9c2AAjYNuhWq0ZCxAfDQzTN-J7WpT4E7Gl8yX\\_IDTT5fQTewfgtIQJls8va3bUZfF2SyxhzSCSTiBMyAOEsjY-yg\\$](https://urldefense.com/v3/_https://dgmk.de/veranstaltungen/energy-and-material-flows-in-sustainable-petrochemicals/_;!!_2dWM2CSg!-f35DL9c2AAjYNuhWq0ZCxAfDQzTN-J7WpT4E7Gl8yX_IDTT5fQTewfgtIQJls8va3bUZfF2SyxhzSCSTiBMyAOEsjY-yg$)

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