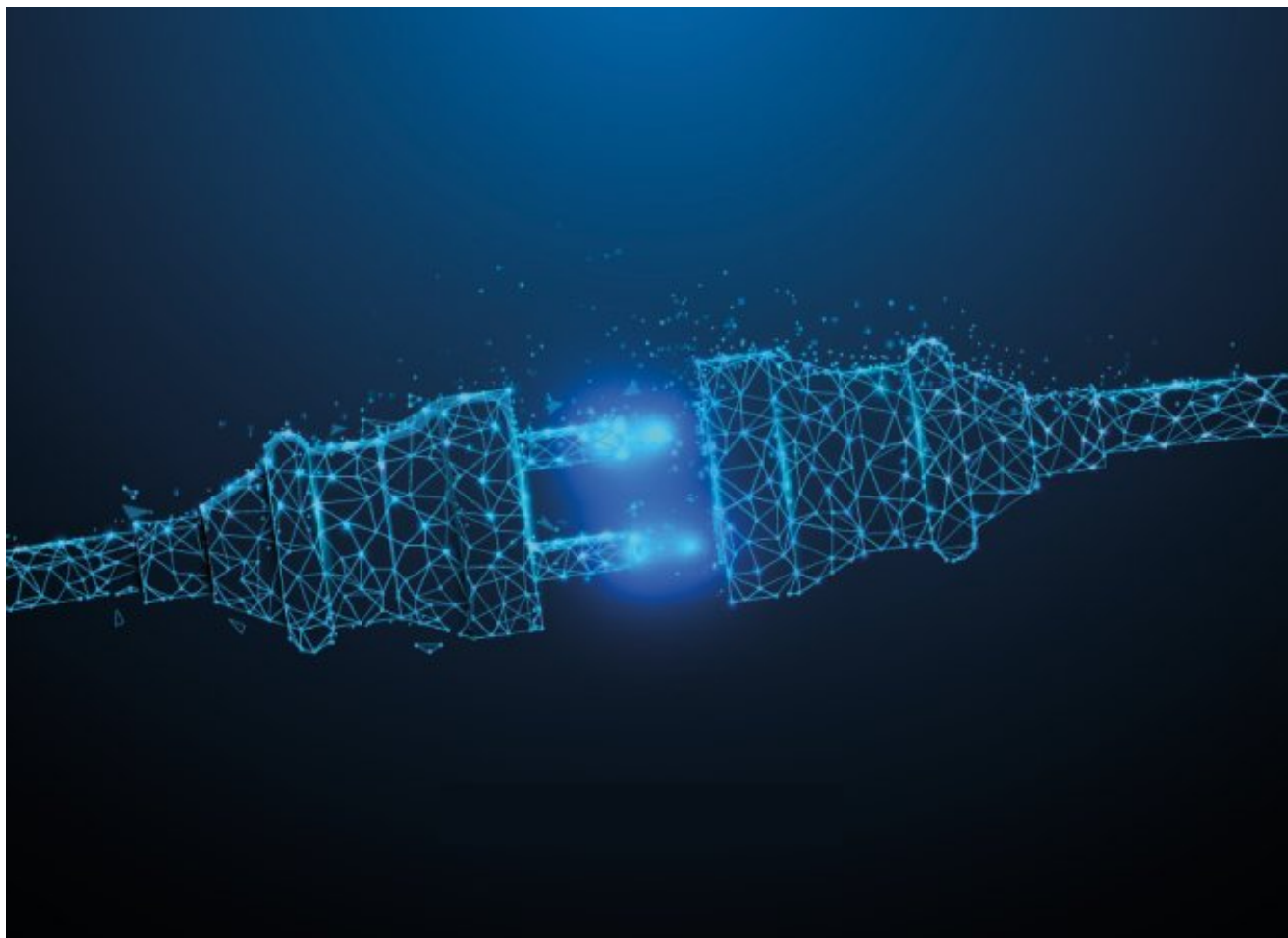


GeCatS Infoday "Electrification of catalytic processes"



On 4 December 2023, we welcome you back to Frankfurt for the GeCatS Infoday “Electrification of Catalytic Processes”.

Electricity from renewable sources like solar-, wind- or waterpower is an attractive source of energy. Combined with an optimum production technology, it holds the promise for the chemical industry to be an option for limiting greenhouse gas emissions associated to chemical production. This GeCatS Infoday aims to explore, through contributions by experts in academia and industry, what the current industrial needs are, and which developments still require research and development.

A range of technology options come into play and are currently discussed for the use of electricity in catalytic processes. Expert speakers will examine differing technology options like for example electrolysis, direct or indirect electrical heating and the use of plasma driven catalytic processes. In addition, an important element of debate and strategic relevance that will be covered are models to predict cost and availability scenarios of renewable electricity for the European market. The lecture program will be complemented by contributions on the topics of modelling, the state of the art of commercial catalyst technologies for electrolysis and new insights of structure-property relationships elucidated by cutting-edge operando analysis.

We invite participants to contribute to the poster session and present their recent academic research activities and industrial needs.

Join the working lunch and use the opportunity for networking, discussions with stakeholders, and elaborating collaboration possibilities.

Detailed information on the Programme, the Call for Posters and the Registration will follow soon.

Beginn:

Montag, 4. Dezember 2023, 10:00 Uhr

Ende:

Montag, 4. Dezember 2023, 17:30 Uhr

Veranstaltungsort:

Frankfurt am Main

Deutschland

Website & Anmeldung:

Email simone.kinkel@dechema.de

https://dechema.de/en/GeCatS_Infoday.html