



Workshop „Bringing together research data in SPP2080“

Date: May 6, 2021, 13:00-17:00.

Place: Zoom, details after registration.

Registration: grunwaldt@spp2080.org.

Description

Within SPP2080 large volumes of diverse research data are generated: synthesis procedures, materials characterization, catalytic performance (rates, activity, selectivity), operando spectroscopy, molecular, kinetic and reactor models, reactor engineering concepts. Often, the various data are stored locally and hardly re-used or shared, which pose additional challenges in comparing data between different research groups. The objective of the workshop is to expand the joint generation of research data within the SPP based on FAIR principles, report on existing and identify further fields of mutual activities including a discussion on standardizing data acquisition, labelling and storage, for efficiently bringing it together, sharing and re-using between research groups, ultimately saving repetitive work and accelerating discoveries.

Agenda

13:00-13:10	Welcome (Olaf Deutschmann, Jan-Dierk Grunwaldt)
13:10-13:50	Synthesis and Reference Catalysts (Roger Gläser)
13:50-14:30	Initiative for comparing experimental CO ₂ -hydrogenation data: From Methanation to Methanol synthesis (Evgenii Kondratenko)
14:30-15:10	Showcase Methanation: Automatized work flow for experimental and modelling data (Olaf Deutschmann)
15:10-15:30	Break
15:30-16:15	Clean Data Concept (Annette Trunschke)
16:15-16:50	Discussion and further steps in SPP2080 (Ralph Kraehnert)
16:50-17:00	Closing discussion