

Modern Concepts in Catalysis: From Science to Engineering

The South-West-German Catalysis Course (Südwestdeutscher Katalyse-Lehrverbund) 19.-23.09.2022 in Pirmasens

	Mo, 19.9.	Di, 20.9.	Mi, 21.9.	Do, 22.9.	Fr, 23.9.
8:30		Preparation of catalysts & Zeolites (Silke Behrens, KIT)	Computational Catalysis (Felix Studt, KIT)	Operando characterization (Jan-Dierk Grunwaldt, KIT)	Power-to-X and micro reaction engineering (Peter Pfeifer, KIT)
9:00					
9:30					
10:00		Coffee	Coffee	Coffee	
10:30		Operando vibrational spectroscopies (Christian Hess, TUD)	Electrocatalysis and electrochemical systems (Bastian Etzold, TUD)	Non-noble electrocatalysts (Ulrike Kramm, TUD)	Novel synthesis strategies towards catalysts (Michael Türk, KIT)
11:00					
11:30					
12:00	Welcome & Workshop (Participants get together & presentation)	Lunch	Lunch	Lunch	Lunch
12:30					
13:00		Industrial Syngas chemistry (Wolfgang Kleist, TUK)	Challenges & Opportunities for Catalytic Biomass Conversion (Marcus Rose, TUD)	Computational Catalysis on non-noble metal complexes? (Vera Krewald, TUD)	Feedback round and summary
13:30					
14:00	Coffee	Coffee	Coffee		
14:30	Kinetic/Reactor Modelling & Ostwald process (Martin Votsmeier, Umicore/TUD)	Coffee	Coffee	Coffee	
15:00					
15:30	RDM (Olaf Deutschmann und Mitarbeiter, KIT)	Industrial Catalysis on Bio-Renewables (Sebastian Kunz, Südzucker)	Team Building Event? Historischer Stadtrundgang Oder kleiner Hike?		
16:00					
16:30	Evtl. Cracken (Stephan Schunk, HTE)	Incl. Discussion	Poster Session 2		
17:00					
17:30	Discussion (18:15 –)	Poster Session 1			
18:00					
18:30	Dinner	Dinner	Dinner (Kuchem-Brauhaus)	Dinner	
19:00					
19:30					
20:00					