

# Invitation to the *Workshop*

## Structure-Reactivity Relationships in Biomass and CO<sub>2</sub> Valorisation to High Value Added Chemicals

**Thursday, April 28, 2022**

- 12:00 p.m. WELCOME  
**Prof. Angelika Brückner**; LIKAT Rostock
- 12:05 Solid Catalysts for Hydrogenation of CO<sub>2</sub>  
**Prof. Malte Behrens**; Christian-Albrechts-Universität Kiel
- 12:50 Cycloadditions and C-C couplings to value-added chemicals over single-atom catalysts  
**Dr. Gianvito Vile**; Politecnico di Milano
- 13:20 **Break**
- 13:30 Playing with thermodynamics and kinetics in CO<sub>2</sub> conversion catalysis  
**Prof. Atsushi Urakawa**; Delft University
- 14:15 Direct CO<sub>2</sub> conversion into higher hydrocarbons: Catalyst development and mechanistic aspects  
**Prof. Evgenii Kondratenko**; LIKAT Rostock
- 14:45 **Break**
- 15:00 Dry reforming of methane. Evidences of a Ni-O-K phase.  
**Prof. José A. Odriozola**; University of Surrey
- 15:45 Understanding CO<sub>2</sub> hydrogenation catalysts from Surface Organometallic Chemistry  
**Prof. Christophe Copéret**; ETH Zürich
- 16:30 End

***Link for online participation:***

<https://uni-rostock-de.zoom.us/j/61529383259?pwd=YXpRZGVVSZG00TmxoZFJlOGRiaTBOZz09>

Meeting-ID: 615 2938 3259

Kenncode: 318333

