

Invitation for the

„LIKAT/University Cooperation-Workshop“

Wednesday, March 09, 2022

- 3:00 p.m. WELCOME
Prof. Matthias Beller; LIKAT, **Prof Martin Freer**, University of Birmingham
- 03:05 p.m. "*Heterogenous Photocatalysis for CO₂ Reduction: Challenges and Opportunities*"
Prof. Jennifer Strunk; LIKAT
- 03:20 p.m. "*Heterogeneously catalyzed conversion of CO₂: reforming, hydrogenation, reduction*"
Dr. Sebastian Wohlrab, LIKAT
- 03:35 p.m. "*Electrochemical Reduction of CO₂ Catalyzed by Fe and Mn Complexes*"
Dr. Robert Francke, LIKAT
- 03:50 p.m. "*Recent Developments for Catalytic Valorisation of CO₂*"
Prof. Matthias Beller, LIKAT
- 04:05 p.m. "*Catalysis for Energy and Circular Economy: Examples from upgrading of heavy oil, bio-oil and chemical recycling of plastics*"
Prof Joe Wood, University of Birmingham
- 04.20 p.m. "*Metal-nitrogen-hydrogen catalysts for ammonia synthesis and decomposition*"
Dr. Joshua Makepeace, University of Birmingham

- 04.35 p.m. *"Lanthanum nickelate electrodes for Intermediate Temperature Solid Oxide Fuel Cells"*
Mr Christopher Harrison; University of Birmingham
- 04.50 p.m. *"Decarbonisation of the UK steel industry through the thermochemical cycling of perovskites"*
Mr Harriet Kildahl (and Prof Yulong Ding), University of Birmingham
- 05.05 p.m. DISCUSSIONS
- 05.40 p.m. CONCLUSION AND CLOSING
Prof. Matthias Beller; LIKAT, **Prof Martin Freer**, University of Birmingham

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