

Sustainable Future: Dream Reactions with (and without) Hydrogen



Donnerstag, 24. August 2023 - Donnerstag, 24. August 2023

Münster

Wissenschaftliches Programm

Sustainable Future: Dream Reactions with (and without) Hydrogen
24 August 2023, University of Münster, Schlossplatz 2, 48149 Münster
10:00 Matthias Beller, Leibniz-Institute for Catalysis, Rostock, Germany
Catalytic Hydrogenations and Hydrogen Storage - From Dreams to Reality

10:45 Troels Skrydstrup, Department of Chemistry, Aarhus University, Denmark
From Plastic Disassembly to Carbon Capture with Waste Plastic

11:30 Walter Leitner, Max-Planck-Institute for Energy Conversion, Mülheim/Ruhr, Germany
Controlled Activation and Transfer of Hydrogen - From "Optimised" to "Adaptive"

12:15 Frank Glorius, Institute for Organic Chemistry, Münster, Germany
Challenges Ahead
12:30 Posters & Break

14:30 Pher Andersson, Department of Organic Chemistry, Stockholm University, Sweden
Asymmetric Hydrogenations: Teaching an Old Dog Some New Tricks

15:15 Josep Cornellà, Max-Planck-Institute for Coal Research, Mülheim/Ruhr, Germany
Tales on Bismuth Redox Catalysis

16:00 Anat Milo, Department of Chemistry, Ben-Gurion University of the Negev, Israel
Sustainable Organocatalyst Design by in situ Secondary Sphere Modification

16:45 Paul J. Chirik, Department of Chemistry, Princeton University, USA
Molybdenum-Catalyzed Asymmetric Arene Hydrogenation

17:30 Remarks & Awards