



5th Lower Saxony Catalysis Symposium

5. Niedersächsisches Katalyse Symposium

Georg-August-University Göttingen, Veranstaltungshaus "Alte Mensa"

19th and 20th September 2018

Wednesday, 19th September 2018

from 12:00 **Arrival and Registration**

Session 1 (Session Chair: M. Morganti)

13:00 – 13:15 **Welcome/Introduction** (F. Meyer)

13:15 – 14:00 *Chemical Synthons and Recyclable Materials from Lignin*
(M. Abu-Omar)

14:00 – 14:45 *Selective Oxidations Inspired in Non Heme Iron Dependent Oxygenases*
(M. Costas)

14:45 **Photo**

15:00 – 15:30 **Coffee Break**

Session 2 (Session Chair: M. Kolter)

15:30 – 16:15 *Carbene Complexes in Metathesis and Cyclopropanation* (P. Chen)

16:15 – 17:00 *Carbon Dioxide Catalytic Conversion to Chemicals and Fuels with Non-noble Metal Complexes* (L. Gonsalvi)

17:00 – 17:20 *The Transformation of CO₂ into Polymeric Materials* (M. Schütze)

17:30 – 19:30 **Poster Session with Snacks and Drinks**

Thursday, 20th September 2018

Session 3 (Session Chair: N. Sauermann)

8:45 – 9:30 *Transition Metal Catalyzed C-H Activation: Reactivity, Selectivity Control and Late-Stage Functionalization* (I. Larossa)

9:30 – 10:15 *C-H-Functionalization for Hydrogen Isotope Exchange and Modern Application for Life Science* (V. Derdau)

10:15 – 10:45 **Coffee Break**

Session 4 (Session Chair: J.-P. Du)

10:45 – 11:05 *Process Development at Merck - From Laboratory to Large Scale* (C. Kornhaaß)

11:05 – 11:25 *Controlled Radical Polymerization of Ethylene* (A. Wolpers)

11:25 – 12:10 *Electrochemistry and Bioinspired Metallic Complexes for Reductive O₂ Activation* (E. Anaxolabéhère-Mallart)

12:10 – 13:15 **Lunch**

Session 5 (Session Chair: C. Schiwiek)

13:15 – 14:00 *Breathing In and Out - Fe-NO-Complexes in Catalysis* (B. Plietker)

14:00 – 14:45 *Managing Protons and Electrons in Small Molecule Activation* (A. Dey)

14:45 **Poster Awards & Farewells**

15:00 **Departure**