

LIKAT workshop
organized by the Beweries group

„Reaction mechanisms in homogeneous catalysis“

Wednesday, April 21, 2021

- 2:00 pm WELCOME and introduction
- 2:05 pm Prof. Dominik Munz (Saarland University)
Oxidative Addition of Strong Bonds and Palladium Nitrenes: New Mechanisms for Palladium Catalysis
- 2:50 pm Discussion
- 3:00 pm Dr. Xinxin Tian (Jiao group)
*Mechanism of Iridium-Catalyzed Hydroformylation and Hydrogenation
Estimating Selectivity and Activity from DFT computation*
- 3:20 pm Dr. Yuya Hu (Werner group)
Mechanistic insights into the organocatalytic synthesis of cyclic carbonates
- 3:40 pm Nora Janssen (Beweries group)
Catalyst deactivation during rhodium complex catalyzed propargylic C–H activation
- 4:00 pm Prof. Ian A. Tonks (University of Minnesota, USA)
Ti-Catalyzed Nitrene Transfer Reactions: Harnessing the Ti(II)/Ti(IV) Redox Couple for New Transformations
- 4:45 pm Discussion