

Perovskite Meeting, 16.10.2019

Venue: MPI for Chemical Energy Conversion
Stiftstrasse 34-36, 45470 Mülheim an der Ruhr
Large seminar room 640

AGENDA

- 10:00 Welcome and Introduction
Prof. Dr. Malte Behrens (University of Duisburg-Essen)
- 10:30 – 11:00 Dr. Thomas Lunkenbein (FHI Berlin)
"TEM investigation of spinels and perovskites"
- 11:00 - 11:30 Dr. Alex Opitz (TU Wien)
"Mixed conducting perovskites as electrodes in solid state electrochemistry: From bulk defect chemistry to surface reactions"
- 11:30 – 11:45 *Break*
- 11:45 – 12:15 Prof. Dr. Wolfgang Schuhmann (Ruhr-University Bochum)
"High-performance perovskite-based bifunctional oxygen electrocatalysts"
- 12:15 – 12:45 Prof. Dr. Bernhard Klötzer (University of Innsbruck)
"Short overview of current Perovskite Activities at Innsbruck University"
- 12:45 – 13:45 *Lunch*
- 13:45 – 14:15 Dr. Christoph Rameshan (TU Wien)
"Nanoparticle Exsolution to Tailor Catalytic Reactivity"
- 14:15 – 14:45 Giulia Bellini (FHI Berlin)
"The role of the A and B- site element in Perovskites under oxidative reaction conditions"
- 14:45 – 15:00 *Break*
- 15:00 – 15:30 Maik Dreyer (University of Duisburg-Essen)
"Synthesis Approaches to $\text{LaFe}_{1-x}\text{Co}_x\text{O}_3$ via Co-Precipitation and Thermal Decomposition"
- 15:30 – 16:00 Daniel Waffel (Ruhr-University Bochum)
"Application of $\text{LaCo}_{1-x}\text{Fe}_x\text{O}_3$ Perovskites in the Liquid-Phase Oxidation of Alcohols and Alkenes"
- 16:00 – 16:30 Prof. Dr. Rossitza Pentcheva (University of Duisburg-Essen)
"Tailoring electronic reconstructions, band edge positions and OER activity at spinel and perovskite surfaces"
- 16:30 – 17:00 Discussion and closing remarks