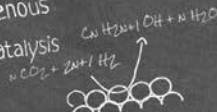


CatLab Lectures 2021/22

Modern Methods in Heterogeneous Catalysis Research

Heterogeneous

Catalysis



Digital
Catalysis

Thin-Film and
Nanotechnology

Novel
Catalyst

Innovation
Center

Advanced
Analytics

Green
Hydrogen

Program



IRIS Adlershof, Seminar
room 1st floor and online



Friday 9:00 s.t. - 10:30 h

22.10.2021	Beatriz Roldán Cuenya (FHI) Introduction to heterogeneous catalysis
29.10.2021	Annette Trunschke (FHI) Synthesis of heterogeneous catalysts
05.11.2021	Malte Behrens (Uni Kiel) Analysis of the bulk and defect structure of catalysts
12.11.2021	Mie Andersen (Aarhus University) Adsorption
19.11.2021	Andrey Tarasov (FHI) Thermal analysis
26.11.2021	Christian Hess (TU Darmstadt) Vibrational spectroscopies in heterogeneous catalysis
03.12.2021	Axel Knop-Gericke (FHI) Photoelectron spectroscopy in catalysis research
10.12.2021	Raimund Horn (TU Hamburg) Catalyst testing and kinetic analysis
17.12.2021	Thomas Lunkenbein (FHI) Electron microscopy in heterogeneous catalysis
07.01.2022	Bernd Rech (HZB) Methods for thin film preparation
14.01.2022	Marcus Bär (HZB) Properties of thin films and their interfaces as revealed by X-ray spectroscopies
21.01.2022	Christoph Genzel (HZB) Diffraction methods and residual stress analysis of thin layers
28.01.2022	Gerd Schneider (HZB) X-ray microscopy
04.02.2022	Roel van de Krol (HZB) Deposition and operando analysis techniques for solar fuels
11.02.2022	Karsten Hinrichs (ISAS) Analysis of thin films by in-situ IR spectroscopy
18.02.2022	Labtour/Seminar



More information



Online registration