

Programme HITEC Day

Title: In-situ / Operando Characterization of materials and processes
Date: 10 November 2020
Location: **Online**
<https://zoom.us/j/4615421579> (Meeting-ID: 461 542 1579, Code: 979264)

09.00 – 09.15	Welcome and Introduction Dr. Astrid Besmehn (ZEA-3)
09.00 – 10.00	Nanoparticle catalysts studied by analytical in-situ transmission electron microscopy Dr. Marc Heggen (ERC-1)
10.00 – 10.15	Break
10.15 – 11.00	Characterization of solid catalysts using Temporal Analysis of Products Dr. Joachim Pasel (IEK-14)
11.00 – 11.30	Introduction to neutron scattering: Neutron sources and Applications Dr. Stefan Mattauch (JCNS-FRM-II)
11.30 – 11.45	Break
11.45 – 12.30	In-situ soft x-ray absorption spectroscopy of liquids in PEEM, Dr. Tomas Duchon (PGI-6-BESSY-II)
12.30 – 13.15	Lunch Break
13.15 – 13.45	tentative, In-situ NMR Dr. Josef Granwehr (IEK-9)
13.45 – 14.30	XPS and SIMS goes in-situ Dr. Astrid Besmehn (ZEA-3)
14.30 – 14.45	Closing remarks, Feedback