

Seminarraum F229-3(2. Stock, Physik Flachbau), Seminarbeginn **10:30** Uhr  
WS 2023/24

Datum	SprecherIn/Institut	Thema
30.10.2023	Kristian Kraft, KIT	Electron microscopy of pyrolyzed 3D printed microstructures and functional structures in microelectronics
6.11.2023	Zhida Liang, KIT	Microscopic Characterization of SOEC after Long-Term Operation (30000 hours)
20.11.2023	Andreas Hutzler, FZJ, Helmholtz Erlangen	From Proton-Exchange Membrane Water Electrolysis to Operando Liquid-Phase Transmission Electron Microscopy
27.11.2023	Zhongmin Long, KIT	Segregation and reshuffling behavior of creep-induced planar defects in Ni-base single crystal superalloys
4.12.2023	Zhida Liang, KIT	3D reconstruction problem based on FIB/SEM
11.12.2023	Ardavan Makvandi, Uni Münster/KIT	Understanding structure and chemistry of electrodes and electrode / electrolyte interfaces in lithium-ion batteries
15.1.2024	Wu, Mingjian, IMN, CENEM Erlangen	Diffraction mapping in the TEM
22.1.2024	Arne J. Schwartz, KIT	Investigation of electron beam-driven diffusion of surface and residual gas contaminants
29.1.2024	Birger Holtermann, KIT	Current status
12.2.2024	Qing Sun, KIT	Project update on 4d-STEM