

PETRA IV Workshop - Materials and Processes for Energy and Transport Technology

Monday 19 October 2020

Energy Conversion II. - -- Blue Zoom Room --, Chairs: Jan-Dierk Grunwaldt, Michael Stückerberger, (Click for details) (13:30 - 15:45)

time	[id] title	presenter
13:30	[22] Electrochemical processes in energy technology: A case for operando XRD studies at model electrodes	MAGNUSSEN, Olaf
13:50	[23] Operando experiments in heterogeneous catalysis	ROLDAN CUENYA, Beatriz
14:10	[24] Spatial and temporal explorations of heterogeneous catalysts using Synchrotron-based X-ray microscopy	MEIRER, Florian
14:30	Coffee Break	
14:45	[25] Unwanted effects of X-rays and what to do about them: a case study. Operando XAS studies of copper exchanged zeolites for the direct synthesis of methanol from methane	NEWTON, Mark
15:05	[26] PDF analysis on materials for chemical energy conversion	ZOBEL, Mirijam
15:25	[27] Complementary operando synchrotron-based studies in electrocatalysis	OEZASLAN, Mehtap