

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

Tuesday 20 October 2020

Structure, Properties, and Processing of Materials I. - -- Blue Zoom Room --, Chairs: 1st half: Ulrich Lienert, Peter Staron; 2nd half: Christina Krywka, Ulrich Lienert, (click for details) (13:30 - 15:45)

time	[id] title	presenter
13:30	[57] Multiscale microscopy of polycrystalline materials	POULSEN, Henning
13:50	[58] Hierarchical design of advanced steels - opportunities with a multi-scale x-ray microscope	HEDSTRÖM, Peter
14:10	[59] Dynamics of metal deformation by in situ high resolution reciprocal space mapping	PANTLEON, Wolfgang
14:30	Coffee Break	
14:45	[60] Understanding multiscale material structure and processes through combined scattering and imaging	HALL, Stephen
15:05	[61] Developing new materials and optimizing existing ones using high-throughput scanning X-ray Nanodiffraction	KECKES, Jozef
15:25	[62] Nano SAXS with in situ mechanical testing on glasses	FUHRMANN, Sindy