

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

Tuesday 20 October 2020

Extreme Pressure & Temperature Research in the Field of Energy and Transport Technology - -- Red Zoom Room --,

Chairs: Hans Peter Liermann, Robert Farla, ([Click for details](#)) (16:00 - 18:15)

time	[id] title	presenter
16:00	[43] Extreme pressure and temperature research at PETRA IV	LIERMANN, Hanns-Peter
16:20	[44] Benefits at PETRA IV for high-pressure research using the LVP: synthesis of novel nitrides and fullerenes	SIEBER, Melanie
16:45	[45] Materials Discovery and Characterization under extreme static high pressure and temperature conditions using XRD and imaging	PRESCHER, Clemens
17:10	Coffee Break	
17:25	[46] Shaping the future of extreme condition materials science: a unique synergy of diffraction and spectroscopy at Petra IV	LANIEL, Dominique
17:50	[47] Opportunities for dynamic compression science at synchrotrons	KRAUS, Dominik