

PETRA IV Workshop - Earth, Environment, and Materials for Nanoscience and Information Technology

Wednesday, 4 November 2020

Structure of Nanomaterials and Nanoparticles during growth, in-situ and operando conditions: -- Red Zoom Room --,

Chair: Vedran Vonk (10:15 - 12:30)

time	[id] title	presenter
10:15	[48] Nuclear resonant scattering with nanofocused beam at Petra IV	STANKOV, Svetoslav
10:35	[49] Probing local structure in metallic and oxide nanoparticles by in-situ X-ray absorption spectroscopy	TIMOSHENKO, Janis
10:55	[50] Using X-rays as in situ and in operando probe of semiconductor nanostructures	WALLENTIN, Jesper
11:15	Coffee Break	
11:30	[51] In situ strain imaging and defect dynamics during the catalysis	KIM, Hyunjung
11:50	[52] Insights into the formation of artificial biohybrid materials: Investigating the formation of nanoparticles inside protein containers	BECK, Tobias
12:10	[53] Opportunities for diffraction-based temporally and spatially resolved nanostructure studies in situ with small beams	BILLINGE, Simon