

European XFEL Users' Meeting 2021 | DESY Photon Science Users' Meeting 2021

Monday 1 February 2021

Satellite Workshop: In situ high P studies using the Large Volume Press at P61B (13:00 - 17:00)

time	[id] title	presenter
13:00	[137] Introduction	FARLA, Robert
13:10	[138] Recent results and future projects for high-pressure-temperature in situ X-ray diffraction experiments at beam line P61B (20 + 5 min)	KATSURA, Tomoo
13:35	[139] Probing element partitioning in situ at high P and T with EDX (20 + 5 min)	SANLOUP, C.
14:00	[140] Determination of akimotoite-bridgmanite (MgSiO ₃) phase transition at 1250-2050 K using a multi-anvil press with in-situ X-ray diffraction: Explanation of the 660-km discontinuity depressions beneath cold subduction zones (20 + 5 min)	CHANYCHEV, A.
14:25	Coffee break	
14:40	[141] In-situ investigation of solid-gas/fluid reactions at gigapascal pressures using LVP beamlines (20 + 5 min)	HÄUSSERMANN, U.
15:05	[142] Phosphorus Nitrides under Pressure - ex-situ and in-situ (20 + 5 min)	AMBACH, S.
15:30	[143] Multi-phase XRD analysis of materials synthesized with the LVP at P61B (20 + 5 min)	WIEHL, L.
15:55	Coffee break	
16:10	[144] Status and development of beamline P61B (20 + 5 min)	FARLA, Robert
16:35	[145] Discussions for PETRA III and IV, close-out (25 min)	