

Scientific Opportunities with very Hard XFEL Radiation

Wednesday 18 January 2023

Structural dynamics in disordered materials in real and reciprocal space: Plenary Session - Auditorium (14:30 - 18:00)

time	[id] title	presenter
14:30	[50] Introduction	
14:45	[22] Structure, properties and phase transitions of melts and glasses at in-situ conditions within Earth and rocky planets	APPEL, Karen
15:05	[8] Ultra-fast total scattering/pair distribution function measurements using hard XFEL beams	Prof. KEEN, David
15:25	[34] Ultrafast lattice dynamics in halide perovskite nanocrystals by reciprocal space total scattering analysis	Dr GUAGLIARDI, Antonietta
15:45	Break	
16:15	[35] Towards pump–probe single-crystal XFEL refinements for small-unit-cell systems	KRAUSE, Lennard
16:35	[20] Ultrafast atomic pair distribution function analysis	BILLINGE, Simon
16:55	[49] Panel discussion and conclusions	