

Scientific Opportunities with very Hard XFEL Radiation

Wednesday 18 January 2023

Applied materials and industrial applications: Plenary Session - Auditorium (09:40 - 13:00)

time	[id] title	presenter
09:40	[46] Introduction	PASCARELLI, Sakura
09:55	[39] Perspective for material under shock induced by laser: processes and material under extreme conditions	BERTHE, Laurent
10:15	[2] Why hard XFEL is needed to image additive manufacturing processes in real and reciprocal space	Prof. LEE, Peter
10:35	Break	
11:05	[42] Time resolved high energy x-ray diffraction from nanostructures and interfaces	STIERLE, Andreas
11:25	[29] Applications for Very Hard XFEL Radiation at First Light Fusion in Support of Projectile-Driven IFE Research	DOYLE, Hugo
11:45	[41] Multiscale materials science: movies of irreversible processes within realistic environments	FRIIS POULSEN, Henning
12:05	[47] Panel discussion and conclusions	