

Advanced Manufacturing Workshop ILL-ESRF

Thursday, 5 June 2025

Microstructure: Plenary I - Room 110 (08:30 - 11:45)

time	[id] title	presenter
08:30	[26] Thomas Niendorf U Kassel, From alloy design and process parameters to part properties – The role of advanced characterization techniques in AM	
09:15	[27] Mark Easton RMTI, Challenges in metal additive manufacturing that synchrotron experiments can enlighten	
09:45	[28] Samantha Lawrence LANL, Probing hydrogen-modified phase transformations and deformation behavior with in-situ diffraction techniques	
10:15	COFFEE BREAK	
10:45	[29] Eitan Tiferet NRCN, Israeli Atomic Energy Commission, Developing printing parameters in PB EBM, modeling, simulation and powder metallurgy approach	
11:15	[31] Helmut Klöcker EMSE, Cold Spray deposits: mechanical and microstructural characterizations	