

Physics of Non-ideal Plasmas 18

Monday 16 September 2024

WDM Experiments (I) (13:40 - 15:40)

-Conveners: Sam Vinko

time	[id] title	presenter
13:40	[5] Developments in X-Ray Thomson Scattering and dense plasma studies using X-ray Free Electron Lasers and the National Ignition Facility (INVITED)	FLETCHER, Luke
14:10	[12] Measuring shear viscosity at the macroscale (INVITED)	SHANG, Jessica
14:40	[21] Temperature and Structure Measurements of Heavy-Ion-Heated Diamond using in Situ X-Ray Diagnostics	LÜTGERT, Julian
15:00	[22] Ultrahigh Resolution X-ray Thomson Scattering Measurements at the European XFEL	GAWNE, Thomas
15:20	[23] Formation and release dynamics of Nanodiamonds produced in laser-driven shocks	HEUSER, Ben