

Multiscale Modeling of Matter under Extreme Conditions

Wednesday 14 September 2022

Morning Session (Wednesday) (09:00 - 12:15)

time	[id] title	presenter
09:00	[18] Synergy between multi-scale and multi-platform simulations and HED experiments at high power laser facilities	FALK, Katerina
09:45	[21] SNAP and Beyond: Machine Learning Interatomic Potentials in LAMMPS	THOMPSON, Aidan
10:30	Coffee Break	
11:00	[20] Machine learning-based quantum accurate interatomic potentials for warm dense aluminum	KUMAR, Sandeep
11:30	[22] Coupled magnetic and molecular dynamics: Methodology and application to iron under high-pressure and temperature conditions	TRANCHIDA, Julien