

Strongly Coupled Coulomb Systems 2022

Monday 25 July 2022

High-Energy-Density Plasmas in the Laboratory: 1 (Chair: Jean Clerouin) (14:30 - 16:15)

time	[id] title	presenter
14:30	[10] Pressure effects on the electronic structure of carbon-hydrogen mixtures in the Mbar to Gbar regime	KRAUS, Dominik
15:20	[11] Spectral line shapes in dense plasmas	STAMBULCHIK, Evgeny
15:55	[12] Sensitivity of uniaxially driven ICF target performance to interfacial conduction in the high-energy-density regime	CHAPMAN, Dave

High-Energy-Density Plasmas in the Laboratory: 2 (Chair: Scott Baalrud) (16:45 - 18:00)

time	[id] title	presenter
16:45	[13] Direct imaging of phase transitions in nonequilibrium warm dense matter	MO, Mianzhen
17:20	[14] Ion core effect on transport and thermodynamic properties in dense plasmas	RAMAZANOV, Tlekkabul
17:40	[15] Accurate and efficient calculations of mean ionization states with an average-atom model	CALLOW, Timothy

Tuesday 26 July 2022

High-Energy-Density Plasmas in the Laboratory: 3 (Chair: Burkhard Militzer) (15:30 - 16:30)

time	[id] title	presenter
15:30	[25] Electronic pair alignment and roton feature in the warm dense electron gas	DORNHEIM, Tobias
15:50	[26] Waves in the medium and on the boundary of Quark-Gluon Plasma	BAISEITOV, Kassymkhan
16:10	[27] Electron–atom interaction in dense plasma of noble gases	DZHUMAGULOVA, Karlygash