

DFT Methods for Matter under Extreme Conditions

Monday, February 21, 2022

Session 1 (9:00 AM - 12:10 PM)

time	[id] title	presenter
9:00 AM	[11] High-pressure behavior of iron and iron-alloys	STEINLE-NEUMANN, Gerd
10:00 AM	[17] Exploring complex chemical composition spaces of planetary ices	HERMANN, Andreas
10:30 AM	Coffee break	
11:00 AM	[20] From atoms to planets: what can we learn about planetary interiors from ab initio simulations?	SOUBIRAN, Francois
11:30 AM	[34] Ab initio simulations for hydrogen-water mixtures	BERGERMANN, Armin
11:50 AM	[50] Metallization of dense fluid helium from ab initio simulations	PREISING, Martin