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PWF Tunisia: Computational Materials Science based on Density-Functional Theory for Renewable Energy and Spintronics

Monday 16 September 2024

Day 1 (09:30-18:00)

time	title	presenter
09:30	Opening	
09:45	Introduction to computational materials science	STOJIC, Natasa
10:45	Coffee break	
11:10	Introduction to solid state theory (Bravais lattices, reciprocal lattice)	STOJIC, Natasa
12:45	Lunch break	
14:15	Introduction to solid state theory (Electronic states in a periodic potential)	STOJIC, Natasa
15:45	Coffee break	
16:05	Linux review and how to use the Cineca supercomputer and Xcrysden	HSOUNA, Maha