

Timetable of the Condensed Matter School on “New Advanced Materials”

School Programme

Wednesday 17 th January 2018		
09:30 - 10:00	Registration	
Time	Speaker	Title of talk
10:00 - 11:00	Ali Ghorbanzadeh	Unconventional superconductivity: intrinsic versus engineered phases (Lecture 1)
11:00 - 11:30	Break	
11:30 - 12:30	Mehdi Kargarian	Topological Phases of Matter
12:30 - 14:30	Lunch	
14:30 - 15:30	Ali Ghorbanzadeh	Unconventional superconductivity: intrinsic versus engineered phases (Lecture 2)
15:30 - 16:00	Break	
16:00 - 17:00	Babak Zare Rameshti	Cavity optomagnonics

Thursday 18 th January 2018		
Time	Speaker	Title of talk
10:00 - 11:00	S. Javad Hashemifar	Introduction to approaches and techniques of materials simulation in the framework of density functional theory
11:00 - 11:30	Break	
11:30 - 12:30	S. Javad Hashemifar	Calculation and Investigation of structural, electronic, and magnetic properties of some advanced compounds
12:30 - 14:30	Lunch	
14:30 - 15:30	Saeed Abedinpour	Quantum Hall effect in advanced materials
15:30 - 16:00	Break	
16:00 - 17:00	Mehdi Kargarian	Exotic superconducting states in topological heterostructures