

25th Annual IASBS Meeting on Condensed Matter Physics
June 13-14 2019 (23- 24 Khordad 1398)

Wednesday 22 Khordad (June 12, Recommended Arrival)

18:00-20:00	Registration in New Campus
20:00-22:00	Dinner
22:00	Bus to Hotels and Guest Houses

Thursday 23 Khordad, (June 13) Morning Session

Time	Lecturer	Title	Chairman
8:45-9:15	Meeting Opening		
9:15-10:00	Abdollah Langari (Sharif University of Technology)	Emergent many-body localization: disorder free mechanisms	M. Reza Rahimitabar
10:00-10:45	Alireza Qaiumzadeh (Norwegian University of Science and Technology)	Antiferromagnetic Spintronics	
10:45-11:15	Break		
11:15-12:00	Hossein Esteky (Shahid Beheshti School of Medicine)	The Organization of Consciousness	Abbas Ali Saberi
12:00-12:45	Alireza Valizadeh (IASBS)	Neural oscillations: How order emerges from irregular components	
12:45-14:30	Lunch		

Thursday 23 Khordad, (June 13) Afternoon Session

Time	Lecturer	Title	Chairman
14:30-15:15	Abbas Ali Saberi (University of Tehran)	Appearance of a new universality class in a competition	Jahanfar Abouie
15:15-16:00	Sadegh Raeisi (Sharif University of Technology)	Novel Technique for Robust Optimal Algorithmic Cooling	
16:00-16:30	Break		
16:30-17:15	Mehdi Vaez Allaei (University of Tehran)	Disorder and Crystallization in dense granular flows: wet vs dry systems	Saeed Abedinpour
17:15-17:30	Mohammad Hossein Zarei (Shiraz University)	General Scheme for Preparation of Different Topological States on Cluster States	
17:30-17:45	Babak Abdollahpour (Tabriz University)	Conductance of a Normal Dirac Semimetal-Ferromagnetic Dirac Semimetal-Superconductor Type II Weyl Semimetal Junction	
17:45-20:00	Break, Poster Session, Discussions		
20:00-22:00	Dinner, Watermelon		

Friday 24 Khordad, (June 14) Morning Session

Time	Lecturer	Title	Chairman
9:00-9:45	Jalal Sarabadani (IPM)	Two examples of physics of polymers: Polymer melt, and DNA chain translocation through a nanopore	Maniya Maleki
9:45-10:30	Leili Javidpour (IPM)	Confinement effects on Protein Folding and Nanoparticle Encapsidation in Proteinaceous (Viruslike) Shells	
10:30-11:00	Break		
11:00-11:45	Abolhassan Vaezi (Stanford University)	Local Temperature Ansatz: A novel quantum-entanglement-based algorithm for solving quantum problems	Ali Ghorbanzadeh
11:45-12:30	Jahanfar Abouie (IASBS)	Supersolids in Mixed-Spin Systems	
12:30-13:00	Closing		
13:00-14:30	Lunch		