

**23rd Annual IASBS Meeting on Condensed Matter Physics**  
**May 18-19 2017 (28-29 Ordibehesht 1396)**

Wednesday 27 Ordibehesht (May 17, Recommended Arrival)

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

Thursday 28 Ordibehesht, (May 18) Morning Session

Time	Lecturer	Title	Chairman
9:00-9:30	Meeting Opening		
9:30-10:15	<b>K. Kruse</b> (University of Geneva)	<b>Actin-wave driven migration - chance and necessity</b>	---
10:15-11:00	<b>F. Mohamm-Rafiee</b> (IASBS)	<b>Some biophysical aspects of translation process in protein synthesis</b>	
11:00-11:20	Break		
11:20-12:05	<b>M. Alaei</b> (Isfahan University of Technology)	<b>Calculation of exchange coupling constants using density functional theory</b>	---
12:05-12:50	<b>J. Meyer</b> (University of Leiden)	<b>Modeling heat dissipation at the nanoscale: A tale about exciting electrons and phonons</b>	
12:50-14:30	Lunch		

Thursday 28 Ordibehesht, (May 18) Afternoon Session

Time	Lecturer	Title	Chairman
14:30-15:15	<b>S. Moghimi</b> (Sharif University of Technology)	<b>Critical self-organization, sand hills and neural science</b>	---
15:15-15:35	<b>F. Heydarinasab</b> (IASBS)	<b>Supersolid phase in the inhomogeneous Bose-Hubbard model</b>	
15:35-16:00	Break		
16:00-16:45	<b>S. N. Seyed Reihani</b> (Sharif University of Technology)	<b>Examination of biological tissues using optical tweezers</b>	---
16:45-17:05	<b>E. Madadi</b> (Buein Zahra Technical University)	<b>Interaction of Gold-Iron alloyed nanoparticles with focused laser beam</b>	
17:05-19:00	<b>Break, Poster Session, Discussions</b>		
20:00-22:00	Dinner, Watermelon		

Friday 29 Ordibehesht, (May 19) Morning Session

Time	Lecturer	Title	Chairman
9:00-9:45	<b>R. Asgari</b> (IPM)	<b>Quantum non-local effects in graphene plasmonics</b>	---
9:45-10:30	<b>A. Bayat</b> (University College London)	<b>A quantum information recipe for both quantum phase transitions and many-body localization</b>	
10:30-11:00	Break		
11:00-11:45	<b>S. Saeidian</b> (IASBS)	<b>Few-body physics of quasi-one dimensional atomic gases</b>	---
11:45-12:05	<b>A. Mazloom</b> (IASBS)	<b>Exotic superfluidity in density imbalanced bilayers of dipolar fermions</b>	
12:05-12:45	Closing		
12:45-14:30	Lunch		