



## Online Advanced School on Soft Matter

School of Nano Science, Institute for Research in Fundamental Sciences (IPM)

February 15-16, 2023 (Bahman 26-27, 1401)

<https://nano.ipm.ac.ir/assm/index.jsp>

### Wednesday, Feb. 15 (Bahman 26)

Time	Speaker	Title of talk
8:50-9:00		Opening remarks
9:00-9:40	<a href="#">Debashish Mukherji</a>	Soft and smart: Multi-responsive polymers under alcoholic intoxication
10' break		
9:50-10:30	<a href="#">Debashish Mukherji</a>	Thermal conductivity of commodity plastics and nanostructures
10' break		
10:40-11:20	<a href="#">Ali Najafi</a>	Hydrodynamics of liquid crystal
10' break		
11:30-12:10	<a href="#">Ali Najafi</a>	Hydrodynamics of liquid crystal

### Thursday, Feb. 16 (Bahman 27)

Time	Speaker	Title of talk
9:00-9:40	<a href="#">Farshid Mohammad-Rafiee</a>	Some biophysical aspects of transcription and translation processes
10' break		
9:50-10:30	<a href="#">Azam Gholami</a>	Light-powered reactivation of flagella and contraction of microtubule networks: Toward building an artificial cell
10' break		
10:40-11:20	<a href="#">Azam Gholami</a>	Resistive force theory and wave dynamics in swimming flagellar apparatus isolated from <i>C. reinhardtii</i>
10' break		
11:30-12:10	<a href="#">Farshid Mohammad-Rafiee</a>	Some biophysical aspects of transcription and translation processes

\* Times are given in IRST (Iran Standard Time) = UTC + 3:30 hours