

Workshop on “Surface Forces: Measurements and Analysis”

Workshop Programme

Sunday, 1 January 2017		
09:00 - 09:30	Registration	
Time	Speaker	Title of talk
09:30 - 10:15	Ali Naji	Theoretical Background: Casimir-vdW Forces, non-Mean-Field Colloidal Forces
10:15 - 11:00	Mohsen Moazzami Gudarzi	Introduction to DLVO Theory and Force Measurement Techniques
11:00 - 11:30	Break	
11:30 - 12:15	Mohsen Moazzami Gudarzi	Surface Forces in the Presence of Macro-ions: A practical Approach
12:15 - 14:00	Break	
14:00 - 14:45	Ali Naji	Theoretical Background: Like-Charge Attraction with Multivalent Ions
14:45 - 15:30	Mohsen Moazzami Gudarzi	Colloidal Stability of 2D Materials
15:30- 16:00	Closing	