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Joint ICTP-COST-MODPHYSFRICT Conference on “Trends in Nanotribology 2017” (TiN17) | (smr 3127)

Monday 26 June 2017

Day 1 - Budinich Lecture Hall (LB) (08:15-20:50)

time	title	presenter
08:15	Registration	
09:00	Opening	
09:10	Electrotunable Friction with Ionic Liquid Nanoscale Films	URBAKH, M.
09:50	Polymer Brushes in Restricted Geometries	KUHL, T.
10:30	Coffee Break	
11:00	Giant Dissipation Peaks onto SrTiO ₃ Surface Measured by Pendulum AFM	KISIEL, M.
11:20	External Tuning of the Spin State of Oxygen Vacancies at Strontium Titanate Surfaces	BROVKO, O.O.
11:40	Slippery Roads	BOCQUET, L.
12:20	Lunch Break	
14:00	Nanofriction in Rotating Colloidal Rings	OGUZ, C.E.
14:20	Single Molecule Experiments to Explore Friction and Adhesion	PAWLAK, R.
14:40	Lubrication and Viscoelastic Properties of Liquids Confined Between Nano-Asperities	VOITCHOVSKY, K.
15:20	Describing Electronic Friction: Electron Wind in a Toy Model	PELLEGRINI, F.
15:40	Synthesis and Characterisation of ZnO-WS ₂ Nanowires, a Model Material for Nanotribology and Manipulation	BUTIKOVA, J.
16:00	Coffee Break	
16:30	Wide Dynamic Range 2-D Nanoindentation: Initiation of Slip and Effects of Initial Plasticity	PETHICA, J.B.
16:50	Ab Initio Study of Frictional Properties of Graphene over 4H-SiC{0001} Surfaces	SAYIN, C.S.
17:10	TBA	SIVEBAEK, M.I.
17:30	Imitating Cartilage with Polymers	SPENCER, N.
19:00	Welcome Reception	