



# Table of contents

|                            |   |
|----------------------------|---|
| Tuesday 27 June 2017 ..... | 1 |
|----------------------------|---|

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

## Tuesday 27 June 2017

### Day 2 - Budinich Lecture Hall (LB) (09:10-18:30)

| time  | title  | presenter          |
|-------|--|--------------------|
| 09:10 | Experimental Observation of the Aubry Transition in Colloidal Monolayers   | BECHINGER, C.      |
| 09:50 | Controllable Robust Superlubricity on Microscale   | MA, M.             |
| 10:30 | Coffee Break   |                    |
| 11:00 | Variations on a Theme of Aharonov and Bohm   | BERRY, Sir Michael |
| 12:20 | Lunch Break  |                    |
| 14:00 | Is Partial Slip under Transverse Oscillatory Loading a Transient Event?  | JOHANNSMANN, D.    |
| 14:20 | How Square Ice Helps Lubrication   | DE WIJN, A.S.      |
| 14:40 | Poster Session & Coffee  |                    |
| 16:30 | Gold on Graphene and Viceversa: Prototypical Nanoscale Contacts with Complex Tribological Response   | GUERRA, R.         |
| 16:50 | Robust Wearless and High Speed Sliding   | ZHENG, Q.          |
| 17:30 | Layering, Glass Formation and Entropy Evolution During Squeezout of a Model Confined Ionic Liquid  | CAPOZZA, R.        |
| 17:50 | In-situ Tracking of the Dynamic Structure Evolution in Nanometer Confined Liquids by Combining X-Ray Reflectivity and White Light Interferometry in a Surface Forces Apparatus | VALTINER, M.       |