



TEL AVIV UNIVERSITY  אוניברסיטת תל-אביב  
The Center for Nanoscience & Nanotechnology

# TAU-Tsinghua workshop on Nanoscience and Nanotechnology

**Tuesday, April 30**

- 9.45-10:00 **Opening and introductory remarks**
- 10:00- 10:30 **Gil Markovich**, Tel Aviv University  
*Chiroptical effects in inorganic-chiral molecule hybrid systems*
- 10:30-11:00 *Main scientific directions at  
the Center for Nano and Micro Mechanics, Tsinghua University*
- 11:00-11:20 Coffee break
- 11:20-11:50 **Yuval Ebenstein**, Tel Aviv University  
*An experimental toolbox for single molecule studies of genomic variation*
- 11:50-12:20 **Quanshui Zheng**, Tsinghua University  
*Large scale superlubricity in graphite*
- 12:20-12:50 **Oded Hod**, Tel Aviv University,  
*Interlayer Commensurability and Sliding in Layered Materials:  
the Power of the Registry Index*
- 12:50-14:30 Lunch
- 14:30-15:00 **Tal Dvir**, Tel Aviv University,  
Micro and nanoscale strategies for engineering cardiac tissues
- 15:00-15:30 **Hongwei Zhu**, Tsinghua University  
*Solar Cells, Strain Sensors and Supercapacitors based on  
Graphene Woven Fabrics*
- 15:30-16:00 **Yossi Rosenwaks**, Tel Aviv University  
*Nanowires go electrostatic*
- 16:00-16:20 Coffee break
- 16:20-16:50 **Emanuel Peled**, Tel Aviv University  
*Cost Reduction of EV Fuel Cells - Development of Low-Cost Nano Catalysts*
- 16:50-17:20 Guoqiang Chen, Tsinghua University  
*An Industrial Value Chain based on Microbial Polyhydroxyalkanoates (PHA)*
- 17:30 Dinner / BBQ

