

## Summer School, 3-5/8/2016

### Melamed Hall 006, Shenkar Building, Tel Aviv University

Wednesday 3/8/2016	
08:30-09:00	Registration & light breakfast
09:00-09:15	Opening remarks
09:15-11:15	<b>"Non-equilibrium Methods for Equilibrium Free Energy Computations"</b> Christoph Dellago, University of Vienna, Austria
11:15-11:35	Coffee break
11:35-13:35	<b>"Percolation and the Glass Transition - Crash Course on Kinetically-Constrained Models"</b> Yair Shokef, Tel Aviv University, Israel
13:35-15:00	Lunch
15:00-17:00	<b>"A Short Course on Rare Events and Large Deviations"</b> Yariv Kafri, Technion - Israel Institute of Technology, Israel

Thursday 4/8/2016	
08:00-08:30	Light breakfast
08:30-10:30	<b>"Non-equilibrium Continuum Physics"</b> Eran Bouchbinder, Weizmann Institute of Science, Israel
10:30-10:50	Coffee break
10:50-12:50	<b>"Flow in Disordered Systems: From Simple Fluids to Athermal Solids"</b> Mark O. Robbins, Johns Hopkins University, USA
12:50-14:00	Lunch + Group Photo
14:00-16:00	<b>"Simulation of Nonequilibrium Quantum Dynamics Using Multiconfiguration Wave-function Methods"</b> Michael Thoss, University of Erlangen-Nuremberg, Germany
16:00-16:20	Coffee break
16:20-18:20	<b>"Open Quantum System's Approach to Charge and Heat Transport in Nano-scale Systems"</b> Yonatan Dubi, Ben-Gurion University, Israel

Friday 5/8/2016	
08:30-09:00	Light breakfast
09:00-11:00	<b>"Quantum and Classical Simulations of Enzymatic Reactions – Approaches"</b> Dan Major, Bar-Ilan University, Israel
11:00-11:20	Coffee break
11:20-13:20	<b>"How Do Cells Move? Non-Equilibrium Models of Active Polymer-based Motility"</b> Herbert Levine, Rice University, Texas, USA
13:20-14:00	Light lunch

Sponsors:

1. School of Chemistry @ Tel Aviv University.
2. The Sackler Institute for Chemical Physics.