

2010 RBNI Winter School

	14.02.10 Sunday	15.02.10 Monday	16.02.10 Tuesday	17.02.10 Wednesday	18.02.10 Thursday
08:30-10:15	Arrival	M. Graetzel	08:15-10:00 C. Bustamante	L. Manna	08:30-09:00 Closing Notes,Best poster Award
10:15-10:45		Coffee Break	Coffee Break	Coffee Break	09:00-10:45 J. P. Kotthaus
10:45-12:30		J. Avron	10:00-12:15 W. M. Gelbart	L. Venkataraman	10:45-11:15 Coffee Break
12:30-14:30	Lunch	12:30-13:15 Lunch	Lunch	12:30-13:15 Lunch	11:15-13:00 R. Hillenbrand
14:30-16:00	A. J. Heeger	13:15-14:45 D. S. Tawfik	K. Autumn	13:30-17:00 Field Trip	Lunch
16:15-16:45	Coffee Break	15:00-18:00 Ein Gedi Spa	Coffee Break		17:00-18:30 Break
16:45-18:30	J. M. Van Ruitenbeek		W. Chiu		
18:30-20:30	Dinner	19:00-20:00 Dinner	Dinner	Festive Beduin Dinner	Leaving the hotel
20:30-21:30	Get Together	Poster Session	Poster Session		
21:30-23:00					

Energy

1. Alan Heeger (UCSB CA USA) - photo-voltaics with organics
2. Michael Graetzel (Ecole Polytechnique Federale de Lausanne Switzerland) - photo-voltaics with nano-particles

Molecular electronics and nanomechanics

3. Latha Venkataraman (Columbia NY USA) - electrical transport through single molecules
4. Jan van Ruitenbeek (University of Leiden the Netherlands) - electrical transport through atomic conductor
5. Jorg Kotthaus (LMU Munich Germany) - nano-mechanical devices
6. Joseph Avron (Technion, Haifa Israel) – Quantum computation for pedestrians

Materials

7. Liberato Manna (The Italian Institute of technology, Italy) - Synthesis, structural characterization and modeling of the growth of inorganic nanostructures

Biophysics, Biomechanics

8. Carlos Bustamante (Berkeley CA USA) - single molecule biophysics
9. Kellar Autumn (Lewis & Clark College Portland Oregon USA) - Gecko bio-mechanics
10. Bill Gelbart (UCLA CA USA) – virus biophysics

Evolution

11. Dan Tawfik (Weizmann Institute, Rehovot Israel) - Molecular evolution of proteins in micro-capsules
12. Kinneret Keren & Yachin Cohen (Technion, Haifa Israel) - an exercise in evolution

Advanced Imaging

13. Wah Chiu (Baylor College of Medicine, Tx, USA) - Cryo-EM of nanomachines and cells
14. Rainer Hillenbrand (CIC NanoGune, San Sebastian, Spain) - Infrared and terahertz near field imaging/spectroscopy.