

Sunday 9.12.2012 – Givat Ram

8:30-9:15 – **Registration and coffee** - (Wise Auditorium lobby)

9:15- 9:45 – **Opening** -HUJI president, IPS president (Wise Auditorium)

9:45-10:30 - **Plenary talk:** Yves Couder “ **A case of non-quantum quantization**” (Wise Auditorium)

10:40-11:50 – **Review sessions**

Review1 – Wise Auditorium	Review2 – Feldman 1	Review3 – Feldman 2
Y. Kafri – “Statistical physics of fluctuations away from equilibrium”	H. Lipson – “Accelerating Discovery: Distilling Natural Laws from Experimental Data, from particle physics to computational biology”	K. Blaum - “Precision Penning-trap mass measurements on exotic ions for nuclear astrophysics and fundamental studies”
M. Heiblum – “Evidence of Majorana fermions in an Al-InAs nanowire topological superconductor”	I. Cohen – “Flight of the Fruit Fly”	R. Sari – “Understanding planet formation”

11:50-13:15 **Lunch and poster session** (Wise and Sherman Restaurants, Wise Auditorium lobby)

13:15-14:00 – **Plenary talk:** Giora Mikenberg “**How the largest microscope in the world allowed the discovery of the particle that gives mass to all other particles**” (Wise Auditorium)

14:15-15:45 – **Parallel sessions 1**

Session

Location

Chairman

Applied Physics	Sprinzak 28	Yossi Paltiel
Astrophysics -1	Sprinzak 117	Hagai Perets
Biophysics1	Sprinzak 201	Ady Vaknin
High Energy Physics 1	Sprinzak 115	Zohar Komargodski
Material Physics 1	Sprinzak 214	Guy Makov
Nonlinear and Soft Matter Physics	Sprinzak 215	Eran Bouchbinder
Nuclear Physics	Sprinzak 101	Eli Piasetzky
Photonics1	Sprinzak 29	Baruch Fischer
Statistical Mechanics-1	Sprinzak 217	David Mukamel
Strongly Correlated Electronic systems	Sprinzak 27	Dror Orgad
Topological insulators and Low Dimension Systems	Sprinzak 26	Efrat Shimshoni

15:45-16:15 – **Coffee break** (Wise Auditorium lobby)

16:15-17:45 – **Parallel sessions 2**

Session	Location	Chairman
Astrophysics -2	Sprinzak 117	Hagai Perets
High Energy Physics 2	Sprinzak 115	Zohar Komargodski
Material Physics-2	Sprinzak 214	Guy Makov
Nonlinear and Soft Matter Physics-2	Sprinzak 215	Shmuel Rubinstein
Photonics2	Sprinzak 29	Baruch Fischer
Physics of Fluids	Sprinzak 201	Alex Liberzon
Physics in the Hi-Tech Industry	Sprinzak 28	Eran Sahron
Plasma Physics	Sprinzak 101	Amnon Fruchtman
Quantum Information: theory and experiments	Sprinzak 26	Benni Reznik
Statistical Mechanics-2	Sprinzak 217	David Mukamel
Superconductivity and Magnetism	Sprinzak 27	Yoram Dagan

17:45-18:45 -**APS sponsored Reception and posters awards declaration.** (Wise Auditorium lobby)