

# IPS Conference 2014 - Program Schedule

Time	Session & details	Place
08:30	<b>Refreshments and Registration</b>	Bldg.73 - Zonnenfeld hall
09:00	<b>Plenary session</b> <i>Opening</i> Prof. Doron Cohen (Chair, IPS2014) <i>Welcome</i> Prof. Rivka Carmi (President, BGU) <i>Welcome</i> Prof. Michael Gedalin (Chair, BGU physics) <i>Greetings &amp; IPS prizes</i> Prof. Yaron Oz (President, IPS) <i>Plenary Lectures</i> Chair: Prof. Amnon Aharony <div style="border: 1px solid black; padding: 2px; margin: 2px 0;">                     Probing the Big Bang with the Cosmic Microwave Background Radiation                      Shaul Hanany (School of Phys. and Astronomy, Univ. of Minnesota/Twin Cities)                      09:30-10:30 [APS sponsored]                 </div> <div style="border: 1px solid black; padding: 2px; margin: 2px 0;">                     Photonic Topological Insulators                      Mordechai (Moti) Segev (Physics department and Solid State Institute, Technion)                      10:30-11:30                 </div>	Bldg.73 - Zonnenfeld hall
11:30	<b>Break</b>	Bldg.90
12:00	<b>Review sessions</b> <b>Review 1 - High Energy and Astrophysics</b> Chair: Prof. Adi Nusser 90/227 <div style="border: 1px solid black; padding: 2px; margin: 2px 0;">                     Galaxy Formation in its Most Active Phase                      Avishai Dekel (The Hebrew University of Jerusalem)                      12:00-12:30                 </div> <div style="border: 1px solid black; padding: 2px; margin: 2px 0;">                     The Hunt for Dark Matter                      Tomer Volansky (Tel Aviv University)                      12:30-13:00                 </div> <b>Review 2 - Quantum and Cond-Matt Physics</b> Chair: Dr. Eytan Grosfeld 92/001 <div style="border: 1px solid black; padding: 2px; margin: 2px 0;">                     Induced superconductivity in the quantum spin hall edge                      Amir Yacoby (Harvard)                      12:00-12:30 [APS sponsored]                 </div> <div style="border: 1px solid black; padding: 2px; margin: 2px 0;">                     The making and breaking of non-abelian states of matter                      Ady Stern (Weizmann Institute)                      12:30-13:00                 </div> <b>Review 3 - Statistical and Soft matter physics</b> Chair: Prof. Yuval Garini 92/002 <div style="border: 1px solid black; padding: 2px; margin: 2px 0;">                     Nuclear chromodynamics: statistical physics and cell nucleus                      Alexander Grosberg (Department of Physics, New York University)                      12:00-12:30                 </div> <div style="border: 1px solid black; padding: 2px; margin: 2px 0;">                     On the use and abuse of THERMODYNAMIC entropy                      Peter Hanggi (Dept. of Physics, University of Augsburg, Germany)                      12:30-13:00 [EPJ sponsored]                 </div>	Bldg.90 - Rooms 90/227, 92/001, 92/002
13:00	<b>Lunch break</b> <b>Posters, Trade fair, Job fair</b> <b>IPS council meeting (Room 90/129)</b>	Bldg.90

14:30	<b>Parallel sessions A</b>			Bldg.90
	<i>Astrophysics (observational)</i>	<i>Chair: Dr. Dovi Poznanski</i>	90/227	
	<i>High Energy (theory)</i>	<i>Chair: Dr. Tomer Volansky</i>	90/224	
	<i>High Energy - Nuclear Physics A</i>	<i>Chair: Prof. Alexander Milov</i>	90/226	
	<i>Quantum information</i>	<i>Chair: Dr. Hagai Eisenberg</i>	90/234	
	<i>Quantum (AMO)</i>	<i>Chair: Prof. Ronnie Kosloff</i>	90/233	
	<i>Mesoscopic physics</i>	<i>Chair: Dr. Saar Rahav</i>	90/233	
	<i>Statistical Physics A</i>	<i>Chair: Prof. Eli Barkai</i>	90/230	
	<i>Soft Matter and Biological Physics</i>	<i>Chair: Prof. Sam Safran</i>	90/223	
	<i>Complexity in Biological systems</i>	<i>Chair: Dr. Ofer Feinerman</i>	90/225	
	<i>Strongly correlated electronic systems</i>	<i>Chair: Prof. Dror Orgad</i>	92/001	
	<i>Superconductivity and magnetism</i>	<i>Chair: Dr. Ophir Auslaender</i>	92/002	
	<i>Material Physics A</i>	<i>Chair: Prof. Yuval Golan</i>	90/235	
	<i>Applied Physics A</i>	<i>Chair: Prof. Dan Oron</i>	90/236	
<i>Physics teaching</i>	<i>Chair: Prof. Ricardo Trumper</i>	90/237		
16:00	<b>Coffee break</b>			Bldg.90
16:30	<b>Parallel sessions B</b>			Bldg.90
	<i>Astrophysics (theory)</i>	<i>Chair: Dr. Uri Keshet</i>	90/227	
	<i>High Energy (experiment)</i>	<i>Chair: Prof. Eilam Gross</i>	90/224	
	<i>High Energy - Nuclear Physics B</i>	<i>Chair: Prof. Alexander Milov</i>	90/226	
	<i>Plasma Physics</i>	<i>Chair: Prof. Amnon Fruchtman</i>	90/223	
	<i>Quantum (photonics)</i>	<i>Chair: Prof. Oren Cohen</i>	90/234	
	<i>Ultracold Atoms and Quantum Gases</i>	<i>Chair: Prof. Amichay Vardi</i>	90/231	
	<i>Nonequilibrium and mesoscopic physics</i>	<i>Chair: Dr. Saar Rahav</i>	90/233	
	<i>Statistical Physics B</i>	<i>Chair: Prof. Eli Barkai</i>	90/230	
	<i>Complexity in Dynamical systems</i>	<i>Chair: Dr. Arik Yochelis</i>	90/225	
	<i>Topological phases and excitations</i>	<i>Chair: Prof. Dror Orgad</i>	92/001	
	<i>Superconductivity and topological superconductivity</i>	<i>Chair: Prof. Yoram Dagan</i>	92/002	
	<i>Material Physics B</i>	<i>Chair: Dr. Eyal Yahel</i>	90/235	
	<i>Applied Physics B</i>	<i>Chair: Uriel Levy</i>	90/236	
18:00	<b>Closing ceremony</b>			Bldg.90
	<i>Announcing winning poster</i>	<i>Prof. Yaron Oz</i>		
	<i>IPS 60th Birthday cake</i>	<i>Prof. Yuval Garini</i>		
	<i>Hanukkah Candles</i>	<i>Prof. Efrat Shimshoni</i>		
19:06	<b>Train</b>			