

# IPS2010 – Program at a Glance

08:00 – 09:00	<b>Registration and Coffee</b>			<i>Bar-Shira</i>
09:00 – 09:30	<i>Opening</i> <i>Welcome</i> <i>Welcome</i> <i>Greetings &amp; IPS Prizes</i>	<i>Prof. Ron Lifshitz (Chair, IPS2010)</i> <i>Prof. Joseph Klafter (President, TAU)</i> <i>Prof. Yaron Oz (Chair, TAU School of Physics &amp; Astronomy)</i> <i>Prof. Avishai Dekel (President, Israel Physical Society)</i>		<i>Bar-Shira</i>
09:30 – 10:30	<i>Plenary Lecture: M. Zahid Hasan, Princeton University</i> <b>Bulk Topological Insulators and Superconductors: Discovery and the Frontier</b>			<i>Bar-Shira</i>
10:30 – 11:00	<b>Coffee Break</b>			<i>Bar-Shira</i>
11:00 – 12:00	<b>Review R1 (Room 9)</b> Solid State & Quantum Physics <i>Chair: Amnon Aharony</i>	<b>Review R2 (Room 5)</b> Soft Condensed Matter <i>Chair: David Andelman</i>	<b>Review R3 (Room 6)</b> High energy & Astrophysics <i>Chair: Yaron Oz</i>	<i>Exact Sciences</i>
	<i>Yaron Silberberg (WIS)</i> <b>An Easy Road to High-Noon: The Photonic Schrodinger Cat</b>	<i>Stefano Ruffo (Firenze)</i> <b>Dynamics of systems with long-range interactions</b>	<i>Dan Maoz (TAU)</i> <b>Type-Ia Supernovae: How we learned to love the bomb ...</b>	
	<i>D. Goldhaber-Gordon (Stanford)</i> <b>Coherence and Interactions in an Open Quantum Dot</b>	<i>Eran Sharon (HUJI)</i> <b>Shaping via Active Deformation of Elastic Sheets</b>	<i>Gilad Perez (WIS)</i> <b>Top Physics in the Large Hadron Collider (LHC) Era</b>	
12:00 – 14:00	<b>Poster Session &amp; Trade Fair with a Light Lunch</b>			
14:00 – 15:30	<b>Parallel Sessions A</b>	A1. High energy physics Melamed auditorium (6)	A2. Astronomy & Astrophysics I Dach auditorium (5)	<i>Exact Sciences</i>
	A3. Mesoscopic phys. & nanosystems Lev auditorium (9)	A4. Superconductivity & magnetism I Holzblat auditorium (7)	A5. Solid state physics Shenkar-Physics 104	
	A6. Classical optics Ornstein 103	A7. Quantum information Ornstein 111	A8. Soft matter physics Shenkar-Physics 204	
	A9. Nonlinear physics Shenkar-Physics 222	A10. Material physics Kaplan 118	A11. Physics education Ornstein 110	
15:30 – 15:45	<b>Short Break</b>			
15:45 – 17:15	<b>Parallel Sessions B</b>	B1. High energy physics (cont.) Melamed auditorium (6)	B2. Astronomy & Astrophysics II Dach auditorium (5)	<i>Exact Sciences</i>
	B3. Quantum dots & wires Lev auditorium (9)	B4. Superconductivity & magnetism II Holzblat auditorium (7)	B5. The Quantum Hall effect Shenkar-Physics 104	
	B6. Quantum optics Ornstein 103	B7. Atomic physics Ornstein 111	B8. Biophysics Shenkar-Physics 204	
	B9. Statistical physics Shenkar-Physics 222	B10. Applied physics Kaplan 118	B11. Plasma physics Ornstein 110	
17:15 – 17:45	<b>Coffee Break</b>			<i>Bar-Shira</i>
17:45 – 18:00	<i>Award Ceremony – Best Student Posters</i>			<i>Bar-Shira</i>
18:00 – 19:00	<i>Plenary Lecture: Douglas D. Osheroff, Stanford University (Chair: Yoseph Imry)</i> <b>The Story Behind the Discovery of Superfluidity in <sup>3</sup>He</b>			<i>Bar-Shira</i>