

שבוע מחקר ופיזיקה

23 - 27 / 08 / 2020

שבוע חשיפה לתואר שני לסטודנטים מצטיינים בתואר הראשון

All the activities, other than those noted, take place in **Room 620 Lidow Complex**

Sunday, 23 August 2020

9:00 - 9:30	Registration	
9:30 - 9:45	Opening Remarks	
9:45 - 10:30	Ehud Behar	<i>Physics Technion - How Are We?</i>
10:30 - 10:45	Break	
10:45 - 11:45	Yoram Rozen	<i>The Road to the Discovery of the Higgs</i>
11:45 - 12:45	Lunch	
12:45 - 14:00	Technion Visitors Center	
14:00 - 15:30	Projects	
15:30 - 16:00	Coffee Break	
16:00 - 19:00	Projects	<i>(17:00-19:00 independent work)</i>
19:00 - 21:00	Dinner	

Monday, 24 August 2020

8:30 - 9:00	Breakfast	
9:00 - 10:00	Ari Laor	<i>Massive Black Holes in Active Galactic Nuclei</i>
10:00 - 10:15	Break	
10:15 - 11:15	Noa Zilberman	<i>What Happens Inside a Black Hole?</i>
11:15 - 11:30	Break	
11:30 - 12:30	Kinneret Keren	<i>Pattern Formation in Biological Systems</i>
12:30 - 13:00		<i>Lab Visit</i>
13:00 - 14:00	Lunch	
14:00 - 15:30	Projects	
15:30 - 16:00	Coffee Break	
16:00 - 19:00	Projects	<i>(17:00-19:00 independent work)</i>
19:00 - 21:00	Dinner	

Tuesday, 25 August 2020

8:30 - 9:00	Breakfast	
9:00 - 10:00	Yael Shadmi	<i>The Physics We Do Not Know</i>
10:00 - 10:15	Break	
10:15 - 11:15	Adi Nusser	<i>Dark Matter - Dark Energy: Why Do They Matter?</i>
11:15 - 11:30	Break	
11:30 - 12:30	Michal Kroger	<i>Quantum Physics in the Time Domain</i>
12:30 - 13:00		<i>Lab Visit</i>
13:00 - 14:00	Lunch	
14:00 - 15:30	Projects	
15:30 - 16:00	Coffee Break	
16:00 - 19:00	Projects	<i>(17:00-19:00 independent work)</i>
19:00 - 21:00	Dinner	

Wednesday, 26 August 2020

8:30 - 9:00	Breakfast	
9:00 - 10:00	Daniel Podolsky	<i>Time-Periodic Materials</i>
10:00 - 10:15	Break	
10:15 - 11:15	Itai Arad	<i>Tensor Networks - a Common Language for Statistical Mechanics, Multi-Body Quantum Physics, and Quantum Computation</i>
11:15 - 11:30	Break	
11:30 - 12:30	Amit Keren	<i>Superconducting Stiffness and Its Measurement</i>
12:30 - 13:00		<i>Lab Visit</i>
13:00 - 14:00	Lunch	
14:00 - 15:30	Projects	
15:30 - 16:00	Coffee Break	
16:00 - 19:00	Projects	<i>(17:00-19:00 independent work – presentations)</i>
19:00 - 21:00	Dinner	

Thursday, 27 August 2020

8:30 - 9:00	Breakfast	
9:00 - 10:00	Amos Yarom	<i>From Black Holes to Thermodynamics and Back</i>
10:00 - 10:15	Break	
10:15 - 11:15	Yariv Kafri	<i>The Forces Exerted by Systems Out of Equilibrium</i>
11:15 - 11:30	Break	
11:30 - 12:30	Shay Hacohen-Gourgy	<i>Superconducting Quantum Circuits</i>
12:30 - 13:00		<i>Lab Visit</i>
13:00 - 14:00	Lunch	
14:00 - 15:30	Projects	<i>Working on presentations</i>
15:30 - 17:00	Projects Presentations	
17:00 - 17:15	Closing Remarks	