

The 54th Annual Meeting of the Israel Physical Society

Ben Gurion University, 28-Dec-2008



The 54th annual meeting of the Israel Physical Society will be held on 28-Dec-2008 in the Marcus Family campus of Ben-Gurion University of the Negev at Beer-Sheva.

IPS 2008 - Directions



The gathering point is the Zonnenfeld Auditorium (**building #73**) while the other sessions will be held at **building #90** in the other side of the Campus. Entrance to BGU with a car will be possible to **registered** IPS members only. Please show at the entrance a printout of an entrance permit which is generated via registration (details in the registration link which is available in the menu on the left). For **maps** and **directions**, including information on in-campus and out-of-campus **parking** locations and **food** spots see [information for visitors](#).



- בניין 73 - אולם זוננפלד (התאספות)
- בניין 90 - מקום הכינוס בהמשך היום
- בניין 54 - בניין המחלקה לפיסיקה

נקודות אוכל:

1. מנזת סטודנטים בשרית - בנין 70 כניסה דרומית
2. מנזת סגל בשרית - בנין 70 כניסה מזרחית
3. קרנף - בר סלטים ומרקים - בנין 28
4. למון גראס - אסייתי - בנין 32
5. ארומה - בית קפה - בנין 74
6. מקדונלד'ס - מתחם בנין 90

IPS 2008 - Program



09:00-09:50	Refreshments and fast track registration [1,2]			Bldg.73 Zonnenfeld hall
	Plenary session chair: Prof. Amnon Aharony (BGU)			
09:50-10:00	<i>Welcome:</i> Prof. Rivka Carmi (BGU president)			
10:00-10:15	<i>Opening and IPS prizes:</i> Prof. Avishai Dekel (IPS president)			
10:15-11:00	<i>Plenary Lecture:</i> Prof. Moty Heiblum (WIS) , <i>Fractionally charged quasiparticles in the fractional quantum Hall effect.</i>			
11:00-11:40	Registration for non-registered participants [1,2] , Posters and Fairs [3]			Bldg.90 Rooms: 90/227 92/001 92/002 [6]
	Review 1 High energy and Astrophysics chair: R. Brustein (BGU)	Review 2 <i>Quantum and Solid state physics</i> chair: G. Deutscher (TAU)	Review 3 <i>Biophysics and Statistical Physics</i> chair: E. Domany (WIS)	
11:40-12:10	<i>LHC - a theorist's perspective,</i> Yossi Nir (WIS)	<i>Experimental quantum information processing - the $\psi\rangle$ of the art,</i> Nadav Katz (HU)	<i>From bioinformatics to systems biology: what's the physicist's role?</i> Eli Eisenberg (TAU)	
12:10-12:40	<i>Magnetars,</i> David Eichler (BGU)	<i>Electronic structure of the cuprate superconducting and pseudogap states from spectroscopic imaging STM,</i> Seamus Davis (Cornell)	<i>Imaging physical concepts: A review of Bose-Einstein condensation,</i> Jeff Steinhauer (Technion)	
12:40-14:00	Lunch break, Posters , Trade fair , Job fair [4] , IPS council meeting [5]			Campus
14:00-16:00	<u>Parallel sessions A</u>			Bldg. 90
16:00-16:30	Coffee break			
16:30-18:30	<u>Parallel sessions B</u>			

[1] Fast track registration is intended for those who have registered in advance and filled the payment webform.

[2] There will be 6 PC stands available for web browsing, as well as wireless network coverage for guests.

[3] Posters and fairs are expected to be available from 11:00 at the 2nd and 1st floor lobbies of Bldg.90.

[4] Posters and fairs are expected to be available from 12:40 till 18:30.

[5] The IPS Council will be held at room 90/129, during 12:45-13:45.

[6] There are stairs down from the lobby of Bldg.90 that lead to the lecture rooms 92/001 and 92/002.

List of the parallel sessions

	Parallel Session	Room	Chair
14:00-16:00	A1. Solid state physics - superconductivity I	92/001	Jorge Berger (Ort Braude)
	A2. Solid state physics - nanophysics I	02/002	Efrat Shimshoni (BIU)
	A3. Soft condensed matter and biophysics	90/227	Yitzhak Rabin (BIU)
	A4. Statistical physics I	90/226	Ron Lifshitz (TAU)
	A5. Quantum physics	90/224	Avraham Schiller (HUJI)
	A6. Optics	90/222	Yaron Silberberg (WIS)
	A7. High energy physics I	90/223	Barak Kol (HUJI)
	A8. Astrophysics I	90/230	Rennan Barkana (TAU)
	A9. Non-linear physics	90/225	David Kessler (BIU)
16:30-18:30	B1. Solid state physics - superconductivity II	92/001	Amit Keren (Technion)
	B2. Solid state physics - nanophysics II	92/002	Yuval Gefen (WIS)
	B3. Biophysics	90/227	Oleg Krichevsky (BGU)
	B4. Statistical physics II	90/226	Ron Lifshitz (TAU)
	B5. Solid state physics - magnetic and electric properties	90/224	Alexander Gerber (TAU)
	B6. Plasma physics	90/222	Michael Mond (BGU)
	B7. High energy physics II	90/223	Barak Kol (HUJI)
	B8. Astrophysics II	90/230	Rennan Barkana (TAU)

Fast track registration

Those who fill in advance the payment form enjoy fast track registration in the reception desk. The others will have to wait for a PC stand where assistants will help them to access the form in the IPS site. Optionally it can be done using your own PC using the BGU wireless network.

Instructions how to access the BGU wireless network

You have the possibility to connect to the BGU non secure wireless network called WL_GEUSTS. Please verify that your internet browser is not set to use a proxy server. Then, after connecting, surf with it to any site. A security alert should pop up. Choose OK. Then in the next screen, enter the username `physics` and the password `_____`. After the identification all the network and internet services are accessible.

Errata and last minute updates

- For those interested there will be a tour of the *Fabrication and AtomChip Labs*. Please register at the registration desk (Bldg.90) between 11:00 and 11:40.
- In the booklet there is a typo in the listing of the time slots of session A9.
- In session B5 the slot of S. Seri has been pushed up to 16:30.
- In session B7 there is an added slot for Erez Reinherz-Aronis.