



Technion Physics Research Week

02-05/09/2019

All the activities, other than those noted, take place in Room 333 Lidow Complex

Monday, 02/09

09:00 – Registration

09:50 – Opening remarks, [Amit Keren](#)

10:00 – [Noam Soker](#), The role of jets in astrophysics

10:55 – Break

11:10 – [Kinneret Keren](#), Pattern Formation in Biological systems

12:00 - Lab visit, **Kinneret Keren** (room 411)

12:40 – Walk to Technion Visitors Center

13:00 – [Technion Visitors Center](#)

14:00 - Lunch

15:00 – **Projects**

18:00 – Dorms (מעונות מזרח חדש)

19:30 – Dinner (333)

Tuesday, 03/09

08:30 – Breakfast

09:00 – [Yotam Soreq](#), The quest for new physics

10:15 – [Noa Zilberman](#), What happens inside a black hole?



11:15 – Break

11:30 – [Jeff Steinhauer](#), Hawking radiation in an artificial black hole

12:15 – Lab visit, **Jeff Steinhauer** (room 507)

13:00 – Lunch

14:00 – **Projects**

19:30 – Dinner ([חומס אליעזר, דובנוב 26, חיפה](#))

Wednesday 04/09

08:30 – Breakfast

09:00 – [Eric Akkermans](#), How to do quantum Physics on fractal manifolds

10:15 – [Yosi Avron](#), The quantum program

11:15 – Break

11:30 – [Shay Hacoheh-Gourgy](#), Superconducting quantum circuits

12:15 – Lab visit, **Shay Hacoheh-Gourgy** (room 382)

13:00 – Lunch

14:00 – **Projects**

17:30 – Work on projects presentation

19:30 – Dinner (333)

Thursday, 05/09

08:30 – Breakfast and forms

09:00 – [Enrique Kajomovitz](#), Could we find physics beyond the Standard Model at the LHC if it only couples to Muons?



10:15 – [Ari Laor](#), The Physics of Active Galactic Nuclei

11:15 – Break

11:30 – [Oren Cohen](#), "Citius, Fortius, Altus, Minimus (Faster, Higher, Stronger, Smaller)"

12:15 – Lab visit, **Oren Cohen** (Solid State building, room 208)

13:00 – Lunch

14:00 - Graduate studies

14:30 – **Projects summary**

17:30 – Final remarks

18:00 - End of program