

# Gravity Meeting, Tuesday 28.3.2023 (Jerusalem)

at [Danciger B](#) seminar room\*

9:45 Gathering and opening remarks

## 10:00-11:00 1st session

10:00 *Ofek Birnholtz (Bar-Ilan U)*

Observing Gravitational Waves from Black Hole Ringdowns

10:20 *Tsvi Piran (HU)* Jet Gravitational Waves and Moon Detectors

10:40 *Shahar Hadar (Haifa U)* Revealing the black hole photon ring

11:00 Break

## 11:30-12:30 2nd session

11:30 *Nicholas Stone (HU)* The Three-Body Problem: from Newton to LIGO

11:50 *Jonathan Mushkin (Weizmann)* A simple random walk model explains the disruption process of hierarchical, eccentric three-body systems

12:10 *Barak Kol (HU)* The flux-based statistical theory for the three-body system

12:30 lunch – light lunch on site

## 13:30-14:30 3rd session

13:30 *Raphael Bousso (Berkeley)* Holograms For Our World

13:50 *Noa Zilberman (Technion)*

Semiclassical fluxes at the inner horizon of a rotating black hole

14:10 *Ofri Telem (HU)* From Quantum Scattering to Black Hole Geodesics

14:30 Break

## 15:00-16:00 4th session

15:00 *Ram Brustein (BGU)* Black hole singularities and horizons

15:20 *Gilad Lifschytz (Haifa U)* Entanglement classification

15:40 *Ido Ben-Dayan (Ariel U)* Islands in the fluid

- Danciger B seminar room is at the entrance to the Danciger (=Danziger) B bldg., see [google maps](#). Alternatively, from the Kaplun bldg. take a metal bridge and go down to the ground floor.