2D Materials Workshop @ Technion – May 9th 2024

Scientific program

9:00-9:30 – Registration and reception

9:30-9:45 – Opening remarks and acknowledgement

Morning Session - Guy Bartal (Chair)

9:45-10:30 – Optoelectronics of twisted graphene systems, Frank Koppens (ICFO, zoom)

10:30-11:00 – 2D center @ Technion, Assael Cohen (Technion)

11:00-11:30 – Studying the Growth and Intercalation of 2D Materials, Ariel Ismach (TAU)

11:30-13:00 – Lunch & Poster session

Noon Session - Nir Tessler (Chair)

13:00-13:30 – Spin-valley Rashba monolayer laser, Erez Hasman (Technion)

13:30-14:00 – On-Chip, Single-Device Spectrometers, Doron Naveh (BIU)

14:00-14:30 – The Quantum Twisting Microscope, Shahal Ilani (WIS)

14:30-15:00 – Defects in 2D Materials As Atomic-Scale Quantum Dots, Hadar Steinberg (HUJI)

15:00-15:30 – SlideTronics, Moshe Ben-Shalom (TAU)

15:30-16:00 – Coffee break & Poster session

Evening Session - Eilam Yalon (Chair)

16:00-16:45 – Monolithic 3D Integration of 2D Devices, Saptarshi Das (PSU, zoom)

16:45-17:30 – More Magic with 2D Crystals, Jiwoong Park (UCI Chicago, zoom)

17:30-18:15 – Academia & Industry Panel, and concluding remarks

Registration @ https://2dcenter.net.technion.ac.il