

School of Chemistry

Special Physical Chemistry Graduate Seminar Day

*Wednesday, February 5th 2025,
Porter Building, Room 101*

10.00	Gathering and light refreshments
10.10	Opening remarks
10.15	“Periodic Boundary Conditions for Bosonic Path Integral Molecular Dynamics” Jacob Higer, MSc supervisor: Dr. Barak Hirshberg
10.45	“Resolution enhancement in solid state NMR of zeolites through triple-quantum-filtered ¹³³ Cs NMR spectroscopy” Noy Vaisleib, MSc supervisor: Prof. Amir Goldbourt
11.15	“Photonic Band-Gap Resonators Design for High-Field Electron Paramagnetic Resonance” Amit Israelstam, MSc supervisor: Prof. Ilia Kaminker
11.45	Coffee break
12.00	“Novel methods of probing membrane-protein binding and their application on the Ebola Glycoprotein” Alon Grossman, MSc supervisor: Prof. Yael Roichman
12:30	“High Thermopower Molecular Devices: A study of the thermoelectric properties of molecular junction with semimetal leads” Mor Cohen Jungerman, PhD supervisor: Prof. Yoram Selzer
13:15	Lunch
14:00	“Electrochemical Characterization of Ir-Based Catalysts for Renewable Energy Systems” Amir Keilin, MSc supervisor: Prof. Emanuel Peled
14:30	“High-field hyperpolarization of ¹³ C nuclei using NV centers in diamond” Eyal Laster, MSc supervisor: Prof. Ilia Kaminker
15:00	Coffee break
15:10	“Anisotropic Micromechanics of Biopolymer Gels” Shahar Goren, PhD supervisor: Dr. Raya Sorkin
15:55	Closing remarks