



Plasma Science, Technology, and Applications Workshop

Save the Date

We invite you to join us for the **Plasma science and technology workshop** to be held on **July 11, 2023**, at Tel-Aviv University.

In the workshop, top Israeli scientists will lecture in diverse plasma-related fields: Surface science, plasma diagnostics, space propulsion, nuclear fusion energies, magnetohydrodynamics, and hot plasmas.

- Asher Yahalom – Ariel University, “Variational principles in non-barotropic magnetohydrodynamics and topological conservations laws”
Raymond Boxman – TAU, “A tutorial on plasma deposition of thin films and coatings: principle and applications”
- Yakov Krasik – Technion, “Non-linear interaction of ultra-high power sub-ns duration microwave pulse with plasma and neutrals” and “High energy density physics research based on underwater electrical wire explosions coatings: principle and applications”
- Igal Kronhaus – Space plasma technologies, Inc., Space Plasmatics, Ltd. “Methods of plasma plume diagnostics in Hall effect thrusters”
- Noaz Nissim – SNRC, "The Israeli institute for research of nuclear fusion and hot plasma"
- Eyal Kroupp – WIS, “Advancements in spectroscopic techniques and measurements for short-duration hot and dense plasmas”
- Aharon Friedman – Ariel University, “Design, implementation and observations at the Israeli terahertz superradiant FEL”
- Joseph Lefkowitz – Technion, “Nanosecond-pulsed high-frequency discharges: An optimized approach to ignition for future propulsion”

We are looking forward to seeing you

Sharon Waichman (NRCN)

On behalf of the organizing committee

Asher Yahalom – Ariel University, The chairman of IPSTA