

Meeting Programme

18 July 2022
Heraklion, Crete, Greece

Monday, 18 July 2022	
8:30 – 9:00	Registration
9:00 – 9:15	Opening
9:15 – 9:45	Damage threshold evaluation of thin metallic films exposed to femtosecond laser pulses: the role of material thickness G. Tsididis
9:45 – 10:15	Optical breakdown and high harmonic generation in crystalline silicon irradiated by an intense ultrashort laser pulses T. Apostolova
10:15 – 10:30	ODS Steel Surface Variations at High Laser Intensity of 10^{13} W/cm²: Ambience Impact M. Trtica
10:30 – 10:45	Periodic surface structure formation on silicon surfaces after irradiation of single and multiple femtosecond laser pulses I. Gnilitzkyi
10:45 – 11:00	Delayed onset and directionality of x-ray-induced atomic displacements observed on subatomic length scales V. Tkachenko
11:00 – 11:30	Coffee break
11:30 – 12:00	Ultrafast Transient Absorption Spectroscopy of Some Potential EUV Resist Molecules J. Costello
12:00 – 12:15	Modelling cavity-free Nitrogen atmospheric lasers S. López
12:15– 12:30	Laser ablation of irradiated liquid tin target and plasma extreme-ultraviolet emission features S. Zakharov
12:30 – 12:45	Sound generation via laser-plasma optoacoustic transduction K. Kaleris
12:45 – 13:00	Characterization and modeling of ionizing radiation on MOSFETs M. Yelten
13:00 – 14:30	Lunch
14:30 – 15:00	Polarisation-sensitive super-resolution phononic reconstruction of nanostructures R. Fuentes
15:00 – 15:30	Solid-to-hollow conversion of gold nanoparticles induced by laser irradiation O. Peña
15:30 – 15:45	Diffusion and recombination of non-equilibrium carriers in highly excited semiconductors with disorder R. Aleksiejunas
15:45 – 16:00	Round table
16:00 – 18:00	Poster session (w/ refreshments) and visit to the lab
18:00 – 20:00	MC meeting (only for MC members)
20:00	Networking dinner (place TBD)