ECLIM 2024 - INVITED SPEAKERS

Number	Session	Author	Title
I-1	S 1	A. Bonasera	Nuclear fusion reactions using lasers
I-2	S 1	D. Batani	Hugoniot measurements of boron nitride at multi-Megabar pressures
I-3	S 1	HyungTaek Kim	Laser-wakefield acceleration and generation of radiation sources with 4 PW laser pulses
I-4	S 1	Laszlo Veisz	Vacuum laser acceleration of electrons
I-5	S 1	Helder Crespo	Practical sources of intense single-cycle light pulses
I-7	S 2	P. Muggli	AWAKE: plasma wakefield acceleration and beam/plasma physics
I-7	S 2	Elsa Abreu	Conductivity dynamics in THz driven spin-ladders
I-8	S 3	Luca Volpe	Laser Fusion: Cuurrent situation and future prospectives of the European IFE program, technology development, science and related applications.
I-9	S 3	J. Honrubia	Proton fast ignition of inertial fusion targets
I-10	S 3	J. Davies	Magnetized Plasma Experiments on the Omega Laser Facility
I-11	S 3	J. Palastro	Space–time structured waves
I-12	S 3	V. Wanie	Advances in ultrafast UV lasers and applications in molecular spectroscopy
I-13	S 4	A. Pukhov	e-e+ plasma generation and dynamics in laser interaction with solid-state targets
I-14	S 4	N. Andreev	High energy particles and gamma rays in relativistic laser-matter interaction
I-15	S 5	Z. Najmudin	Staging of laser wakefield accelerators
I-16	S 5	M. Formánek	Flying focus pulses as a probe of strong field phenomena
I-17	S 5	R. Bingham	Controlling Laser Plasma instabilities
I-18	S 5	E. Khazanov	Review of the XCELS laser design
I-19	S 5	P. Velarde	A Non-thermal time dependent atomic physics code for X-ray laser interaction with matter
I-20	S 6	F. Fiuza	Energy partition in collisionless shocks driven by high-power lasers
I-21	S 6	P. Raczka	Target charging, ion acceleration and electromagnetic pulse mitigation in high-intensity laser-solid interactions
I-22	S 6	M. Sciscio	Demonstration of high-repetition-rate alpha-particle generation from p+11B fusion reactions on petawatt-scale high-power lasers
I-23	S 7	M. Zepf	Vacuum Birefringence and Photon Photon Scattering Using the Dark-field Approach
I-24	S 7	P. Dombi	Light-wave-controlled laser-solid interactions
I-25	S 7	G. Brodin	Transition from the Vlasov regime to the strong field regime
I-26	S 7	D. Jaroszynski	Demonstration of coherent undulator radiation from attosecond to femtosecond electron bunches produced by a laser wakefield accelerator
I-27	S 8	V. Tikhonchuk	Laser beam spray control with spatial and temporal smoothing
I-28	S 8	K. Dzierżęga	Thomson scattering in studies of laser-induced plasmas
I-29	S 8	Philippe Zeitoun	X-ray Hartmann and Shack-Hartmann wavefront sensing: from plasma to plenoptic cameras and medical imaging
I-30	S 8	D. Margarone	User Science at ELI Beamlines: the high-energy, high-repetition-rate laser facility of the Extreme Light Infrastructure
I-31	S 9	A. Golovanov	Energy-conserving model of the bubble regime of plasma wakefield