

	Session	Author	Title
O1	S1	Marco Galimberti	The Vulcan facility development projects
O2	S1	Jose Manuel Perlado	Advance Research on Materials for Inertial Fusion
O3	S1	Matthias Geissel	Maximization of Laser Coupling with Cryo-Targets
O4	S2	Jiří Limpouch	Experimental studies of laser interactions with low density porous targets
O5	S2	Piotr Rączka	On the evolution of the hot electron sheath
O6	S2	Masakatsu Murakami	Vortex-driven ultrahigh magnetic field generation in microtube implosion
O7	S2	Sviatoslav Shekhanov	Kinetic modelling of laser absorption in foams
O8	S2	Lubomír Hudec	A hybrid (ablation-expansion) model for low-density foams
O9	S3	José Tito Mendonça	Particle Acceleration by Twisted Laser Beams: Beat-wave and Wakefield Configurations
O10	S3	Sargis Ter-Avetisyan	Ion acceleration with four-cycle laser pulses
O11	S3	Jyotirup Sarma	Surface Plasmon-Driven Electron and Proton Acceleration from Solid Foil Without Grating Coupling
O12	S3	Gareth Williams	Relaxation of non-thermal electrons in solid density plasmas heated by the European X-ray free electron laser
O13	S3	Prokopis Hadjisolomou	Towards Bright Gamma-Ray Flash Generation Through Solid Target Irradiated by Multi-Petawatt Laser
O14	S4	Ankur Gogoi	Simulation of angle resolved nonlinear light scattering from the surfaces of colloidal particles
O15	S4	Sushil Kumar Singh	Experimental investigations of hot electron and X-ray generation by laser-produced tantalum plasma at $10^{14} - 10^{16}$ W.cm ⁻² intensity
O16	S4	Jan Psikal	Picosecond ramp of ultrashort laser pulse: how it affects laser-driven ion acceleration and plasma shutter?
O17	S4	Tae Moon Jeong	Formation of ultra-intense electromagnetic radiation focused by relativistic flying mirror and its application to strong field QED
O18	S4	Pedro Velarde	Non-thermal radiation emission from an X-ray laser-produced plasma
O19	S4	Martin King	Generation of intense light with high-order modes mediated by a relativistic plasma aperture
O20	S4	Marc Günther	Towards laser-driven neutron sources capable for nuclear physics and their applications
O21	S5	Christos Vlachos	Laser-driven quasi-static magnetic fields for magnetized high energy-density experiments
O22	S5	Francesco Barbato	X-ray synthetic diagnostics for laser-driven implosions
O23	S5	Robert Paddock	Measuring the principle Hugoniot of ICF-relevant TMPTA plastic foam
O24	S5	Matthias Geissel	Helium as surrogate for deuterium in LPI studies
O25	S5	Ovidio Peña-Rodríguez	Using laser irradiation to fabricate hollow nanoparticles

O26	S6	Philip Bradford	Investigating the impact of magnetic fields on laser-driven cylindrical implosions using X-ray diagnostics
O27	S6	Alessandro Maffini	Pulsed Laser Deposition of nanofoam targets for laser-driven inertial fusion experiments
O28	S6	Francesco Schillaci	Basic Commissioning of the Laser-Plasma Ion accelerator at the ELIMAIA user beamline
O29	S6	Tiago Pinto	EPAC - A new, advanced facility for applications of laser-driven accelerators
O30	S6	Daniel Ursescu	Complex ultrashort pulses for extreme light experiments at ELI-NP
O31	S6	Arun Nutter	A steady-state approach to implementing laser-plasma instabilities in hydrodynamics codes
O32	S7	Dieter Hoffmann	Laboratory observation of C and O emission lines of White Dwarf H1504+65-like atmosphere model
O33	S7	Pawan Suthar	Observation of high-order frequency mixing in silicon in vacuum ultraviolet spectral region
O34	S7	Fabrizio Consoli	Laser-matter interaction as an innovative source of intense radiofrequency-microwave fields
O35	S7	Massimiliano Scisciò	Electro-optical sensing of intense electromagnetic pulses in a multi-hundred joule laser facility
O36	S7	Michael Ehret	EMP measurements from MF to UHF at VEGA - a comparison of solid targets and gas targets in different interaction regimes
O37	S9	Mattia Cipriani	High-power laser interaction with additively manufactured micro-structured materials
O38	S9	Oldrich Renner	Time resolved x-ray imaging of hot electron generation at SI-relevant laser-matter coupling parameters
O39	S9	Alessandro Ruocco	Data analysis and numerical modelling of laser-plasma instabilities in NIF shock ignition experiments
O40	S9	Leonida Antonio Gizzi	Impact of Laser Bandwidth on LPI in Conditions Relevant for Shock Ignition
O41	S10	Jack Goodman	Optimisation of multi-petawatt laser-driven proton acceleration in the relativistic transparency regime
O42	S10	Qingsong Feng	Efficient generation of new orbital angular momentum beams by backward and forward stimulated Raman scattering
O43	S10	Petra Koester	Experimental fast electron studies in relativistic laser-solid interaction with flat and nanostructured targets
O44	S10	Arvinder Singh	Dynamics of harmonic generation of laser with optical channeling and density transition in relativistic-magneto plasma
O45	S10	P. Martin	Narrow-band, GeV gold ion beams from ultra-thin foils irradiated by intense sub-picosecond pulses
O46	S10	Luca Fiorani	Laser-matter interaction for the fight against food fraud
O47	S10	Francesco Antolini	Laser patterning strategies for quantum dots microdisplays: the MILEDI project approach