

34-th European Conference on Laser Interaction with Matter (ECLIM2016)

September 18-23, 2016, Moscow (Russia)

September, 20 (Chair:) - Tuesday

09:00 - 09:15	Glazyrin. New transport features in ICF relevant conditions	Tu1_O
09:15 - 09:30	Lebo. The laser target design for a thermonuclear neutron source of fusion-fission reactor	Tu2_O
09:30 - 10:00	Koresheva. Conception of cryogenic target factory for mass manufacturing and high-rep-rate delivery of IFE targets	Tu3_Inv
10:00 - 10:15	Rehwald. High-contrast laser-proton acceleration from condensed hydrogen jet and ultra-thin foils	Tu4_O
10:15 - 10:30	Kuchugov. Direct-drive target implosion at the deceleration phase in the presence of hydrodynamic instabilities	Tu5_O
10:30 - 11:00	Fujioka. Integrated Study of Magnetized Fast Ignition (MFI)	Tu6_Inv
11:00 - 11:15	COFFEE	
11:15 - 11:30	Bogatskaya. Polarization response in extreme nonlinear optics: Semiclassical and quantum-electrodynamical approaches	Tu7_O
11:30 - 11:45	Vergunova. Simple Model of the Indirect Compression of Targets under Conditions Close to the NIF at an Energy of 1.5 MJ	Tu8_O
11:45 - 12:00	Lykov. Simulation of double - shell targets for experiments near to a threshold of thermonuclear ignition on megajoule laser	Tu9_O
12:00 - 12:15	Boyle. Diagnostics and Long Pulse Improvements in the Vulcan Laser System	Tu10_O
12:15 - 12:30	Consoli. Three-dimensional measurements by electro-optic effect of EMP fields generated by nanosecond laser-plasma interaction	Tu11_O
12:30 - 12:45	Ter-Avetisyan. Perspective of Ion Acceleration with PW-ultrashort laser pulse	Tu12_O
12:45 - 13:15	Perlado. Light Species Dynamics of nano-W First Wall, and EOS of Hydrogen, in IF Energy: Modeling and Experiments	Tu13_Inv
13:15 - 14:30	LUNCH	
14:30 - 15:00	Eliezer. Novel physics and applications with induced relativistic shock waves	Tu14_Pi
15:00 - 15:15	Falkov. Structural and thermodynamical properties of warm dense matter with ion correlations	Tu15_O
15:15 - 15:30	Rusby. Angular and Spectral Distributions of Escaping Electrons from High-Intensity Laser-Solid Interactions	Tu16_O
15:30 - 15:45	Uryupin. Amplification of electromagnetic radiation by the layer of photoionized plasma	Tu17_O
15:45 - 16:00	Maitrallain. Characterization of a laser driven electron injector for multi-stage plasma acceleration in the frame of CILEX	Tu18_O
16:00 - 16:15	Abe. Super-intense quasi-static magnetic field generation experiment with a snail-shaped target and high power lasers	Tu19_O
16:15 - 16:30	COFFEE	
16:30 - 16:45	Budriga. Modeling the ultra-high laser pulse – cone target	Tu20_O

	interaction for ion acceleration at CETAL facility	
16:45 - 17:00	Belyaev. Simulation of cosmic jets in laser-proceduced plasma	Tu21_O
17:00 - 17:15	Shiryaev. The mixing of cold and hot components in the energy spectra of electrons scattered by relativistically intense laser pulses with Gaussian and Laguerre amplitudes	Tu22_O
17:15 - 17:30	Kleinschmidt. Laser-driven neutron sources and first experiments for possible applications	Tu23_O
17:30 - ...	Moscow tour	