

	Session	Speaker	Title
<b>P1</b>	<b>S8</b>	<b>Y. E. Bölükbaşı</b>	FPGA Implementation of Laser Spot Detection Algorithm
<b>P2</b>	<b>S8</b>	<b>J. Chikhardt</b>	Characterization of bright x-ray pulses from interaction of petawatt laser with a near critical plasma
<b>P3</b>	<b>S8</b>	<b>M. Gyrdymov</b>	Different regimes of the electron and proton acceleration in interaction of sub-ps relativistic laser pulses with pre-ionized near critical polymer aerogels
<b>P4</b>	<b>S8</b>	<b>I. Földes</b>	High reflectivity and backward propagation of laser plasma generated by high power KrF laser
<b>P5</b>	<b>S8</b>	<b>A. Angus</b>	Gaussian Process Augmented Ray-Tracing Framework for Multi-Scale Modelling of Stimulated Raman Scattering in ICF
<b>P6</b>	<b>S8</b>	<b>A. Rees</b>	Simulations of ICF implosion asymmetry in the shock ignition regime, seeded by laser and hot electron perturbations
<b>P7</b>	<b>S8</b>	<b>M. Habibi</b>	Bremsstrahlung suppression in high field laser-plasma interactions
<b>P8</b>	<b>S8</b>	<b>S. Arjmand</b>	Shot-by-shot stability of the discharge produced plasmas in suitably shaped capillaries
<b>P9</b>	<b>S8</b>	<b>P. Kad</b>	Dynamics of two cross focused Bessel-Gaussian laser beams and their effect on electron acceleration in relativistic magnetoplasma
<b>P10</b>	<b>S8</b>	<b>P. Kad</b>	Dynamics of cross focused Bessel-Gaussian beams and its effect on electron acceleration in relativistic-ponderomotive regime
<b>P11</b>	<b>S8</b>	<b>A. Bhatia</b>	Collective effect of preformed plasma channel and plasma density ramp on second harmonic generation of laser.
<b>P12</b>	<b>S8</b>	<b>M. Krupka</b>	Hot electron emission characteristics from thin metal foil targets irradiated by terawatt laser
<b>P13</b>	<b>S8</b>	<b>P. M. Tavana</b>	Diagnostic of Laser-Accelerated MeV Proton Beams from Near Critical Density Foam Targets Using Nuclear Activation Technique and Radiochromic Film Imaging Spectroscopy
<b>P14</b>	<b>S8</b>	<b>A. Morabito</b>	A compact high spectral resolution Thomson parabola spectrometer using magnetic gradient field profil
<b>P15</b>	<b>S8</b>	<b>M. Tatarakis</b>	Optical shaping of gas-jet target profiles for Magnetic Vortex Acceleration in the near-critical density regime
<b>P16</b>	<b>S8</b>	<b>I. M. Vladisavlevici</b>	Optimization of $\gamma$ -photon sources using near-critical density targets towards electron-positron pairs generation through the linear and nonlinear Breit-Wheeler processes
<b>P17</b>	<b>S8</b>	<b>L. Mezi</b>	Fast diamond detectors for characterizing the ENEA extreme ultraviolet radiation discharge produced plasma source
<b>P18</b>	<b>S8</b>	<b>R. Ungureanu</b>	Picosecond laser plasma impulse transfer