

Poster Program April 27 (Tue) 14:00 - 17:00, room Gion, 1F

FI overview3	P2701	Fast Ignition Researc at LLE: Progress and Plans			
	O2801	Meyerhofer, David	LLE, Univ. of Rochester	USA	
Implosion (Ex & Sim) & Target	P2702	Direct Drive Implosions of Targets with Re-Entrant Cones at OMEGA			
	O2806	Stephens, Richard B.	GA	USA	
	P2703	Dynamics of Imploded Shell Target with Cone for Fast Ignition Observed with Multi - Imaging X - Ray Streak Camera			
	O2809	Shiraga, Hiroyuki	ILE, Osaka Univ.	Japan	
	cancelled	P2704	Titanium K-alpha X-Ray Radiographic Imaging of Imploding CH Microshells		
			King, James A.	LLNL	USA
		P2705	Fast-Ignition Cone Target Fuel Assembly Experiments		
			Theobald, Wolfgang	LLE, Univ. of Rochester	USA
		P2706	Effects of Strong Magnetic Fields Generated by Nonspherical Implosion on Fast Ignition		
			Hata, Akiro	ILE, Osaka Univ.	Japan
		P2707	Two dimensional Implosion Simulation with Self-Generated Magnetic Field		
		Sunahara, Atsushi	Institute for Laser Technology	Japan	
P2708		Numerical Study of the Formation of High Density Core Plasma for Fast Ignition Using 2 - D Integrated Implosion Code			
O2805		Nagatomo, Hideo	ILE, Osaka Univ.	Japan	
P2709	Progress on Hemispherical Capsule Compression for Fast Ignition Fuel Assembly				
	Hanson, David L.	Sandia National Laboratories	USA		
P2710	Development of FI Targets for FIREX and Issue on Mass Production and Delivering of FI Target with Cone for Power Plant reactor				
	O2811	Norimatsu, Takayoshi	ILE, Osaka Univ.	Japan	
Energetic particle generation & control	P2711	Control of High-Density Energetic Particles in Ultra-Intense Laser Interactions			
	O2802	Kodama, Ryosuke	ILE, Osaka Univ.	Japan	
	P2712	Study on High Energy Electrons Produced in Sub-Picosecond Laser - Plasma Interactions from Subrelativistic Laser Intensities to Relativistic Intensities			
	O2705	Li, Yutong	IP, CAS	China	
	P2713	Observation of Collimated Transport of Relativistic Electron Beams in Solid Targets			
		Kumar, G. Ravindra	ILE, Osaka Univ.	Japan	
	P2714	Particle Acceleration from the Interaction of the VULCAN Petawatt Laser with Underdense Plasma			
		Wei, Mingsheng	Plasma Physics Group, Physics Dept., Imperial College London	UK	
	P2715	Recent Ion Acceleration Results from Vulcan Petawatt			
	O2611	Slutz, Karsch	RAL	UK	
	P2716	Direct Experimental Evidence of Back-Surface Ion Acceleration from Laser-Irradiated Foils			
		Allen, Matthew	LLNL	USA	
	P2717	Comparison of Laser Ion Acceleration from the Front and Rear Surfaces of Thin Foils			
	O2604	Fuchs, Julien	GA	USA	
	P2718	Acceleration physics of Laser-Driven MEV-ION Beams			
	Hegelich, B. Manuel	LANL	USA		
P2719	Laser Production of Positron Emission Tomography (PET) Isotopes for Medical Imaging				
O2808	Robson, Lynne	Univ. of Strathclyde	UK		
P2720	MeV Proton Acceleration in Interactions of Intense Laser Pulses with Overdense and Underdense Plasmas				
	Wang, Xiaofang	Central Research Institute of Electric Power Industry	Japan		
P2721	Deuteron Acceleration from Buried Layers in Petawatt Laser - Matter Interactions				
	Lancaster, Kate	RAL	UK		
P2722	Effects of Laser Pulse Duration on Proton Acceleration in Interaction of Ultrashort Laser Pulse with Cu Foil Target				
	Oishi, Yuji	Materials and Structures Lab., Tokyo Institute of Technology	Japan		
P2723	Energetic Proton Generation from a Thin Foil Target Irradiated by an Intense Laser Pulse with a Prepulse				
	Fukumi, Atsushi	Advanced Photon Research Center, JAERI	Japan		
P2724	Fast Proton Emission from a Polymer - Coated Metal Target by a Femtosecond Laser Irradiation at 1017 W/cm2				
	Nakamura, Kazutaka G.	Materials and Structures Lab., Tokyo Institute of Technology	Japan		
Particle acceleration (Ex)	P2725	Dynamics of Molecules in Intense Laser Fields: New Research Trends			
	O2702	Yamanouchi, Kaoru	Dept. of Chemistry, School of Science, Univ. of Tokyo	Japan	
	P2726	Capillary Acceleration of Electrons			
	O2706	Kitagawa, Yoneyoshi	ILE, Osaka Univ.	Japan	

	P2727	Laser Based Electron Acceleration Research at JAERI - APRC		
	O2707	Kando, Masaki	Advanced Photon Research Center, JAERI	Japan
	P2728	Observation of Mono-Energetic Structures in the Spectrum of Laser Wakefield Accelerated Electrons		
		Murphy, Christopher D.	RAL	UK
	P2729	Time-Resolved Characterization of Laser-Accelerated Electron Bunches		
		Slutz, Karsch	RAL	UK
	P2730	Ion Generation in a Low - Density Plastic Foam by Coulomb Explosion with An Intense Femtosecond Laser		
	O2708	Sakabe, Shuji	Institute for Chemical Research, Kyoto Univ.	Japan
	P2731	Proton Generation from Hydrogen Clusters Coulomb - Exploded by Intense Femtosecond Laser Pulses		
		Hashida, Masaki	Institute for Chemical Research, Kyoto Univ.	Japan
	P2732	Coulomb - Explosion of Argon Clusters by Intense Femtosecond Laser Pulses		
		Shimizu, Seiji	ILE, Osaka Univ.	Japan
	P2733	Strong Reduction of AC Conductivities in Warm Dense Plasma		
	O2807	Yoneda, Hitoki	Univ. of Electro-Communications	Japan
	P2734	Electron Acceleration in a Plasma Produced from A Supersonic Gas Jet Target Irradiated by An Intense Laser Pulse		
		Adachi, Masahiro	AIST	Japan
	P2735	Tens fs Electron Beam Generation by Laser Plasma Cathode and Pump-and-Probe Analysis		
		Uesaka, Mitsuru	Nuclear Engineering research Laboratory, Univ. of Tokyo	Japan
Particle acceleration (Sim)	P2736	Enhancement of Ion Flux Density from a Foil Rear Produced by Shaped Relativistic Intense Laser Pulse		
		Sonobe, Ryo	Dept. of Elec. And Electronic Eng. Utsunomiya Univ.	Japan
	P2737	Relativistic Acceleration of High-Quality, Collimated Return Electron Beams by an Intense Laser Pulse in Exploding Foil Plasmas		
		Skoric, Milos M	Vinca Institute of Nuclear Sciences	Yugoslavia
	P2738	Suppression of Fast Proton Divergence by Localization of Electron Bunch in Laser-Foil Interaction		
		Miyazaki, Shuji	Dept. of Material Science and Engineering Utsunomiya Univ.	Japan
	P2739	Ponderomotive Electron Acceleration by using a Plasma Separator		
		Miyauchi, Koichi	Dept. of Material Science and Engineering Utsunomiya Univ.	Japan
Laser system	P2740	Laser Developments at the Rutherford Appleton Laboratory		
	O2701	Norreys, Peter	RAL	UK
	P2741	Technical Issues in the Multi - PETAWATT LASER Facility Project on the Ligne d' Integration Laser (LIL)		
	O2903	Blanchot, Nathalie	CEA	France
	P2742	Development of 10-kJ Petawatt Laser for FIREX-I Project at ILE		
	O2904	Miyanaga, Noriaki	ILE, Osaka Univ.	Japan
	P2743	Two High Energy Petawatt Beamlines at LLE: OMEGA EP		
	O2905	Meyerhofer, David	LLNL	USA
	P2744	Motivations and Challenges for High Energy Petawatt Laser at the NIF		
	O2906	Barty, Christopher	LLNL	USA