

Poster Program April 26 (Mon.) 14:00 - 17:00, room Gion, 1F

FI overview1	P2601 O2601	Current Status and Future Plan for Fast Ignition Study at ILE, Osaka University Tanaka, Kazuo ILE, Osaka Univ. Japan
Particle transport & heating (Ex)	P2602 O2602	A Review of the Generation and Transport of Relativistic Electrons in the Context of Fast Ignition Key, Michael H. LLNL USA
	P2603	Study of the Generation and Transport of High Energy Electrons in Over Dense Materials Freeman, Richard UC, Davis USA
	P2604 O2608	Generation and Propagation of Hot Electrons in Laser Plasmas Zhang, Jie IP, CAS China
	P2605 O2704	Inward and Outward - Directed Deuteron Acceleration in Exploding D2O - Micro Spheres Studied by Fusion Neutron Spectroscopy Nickles, Peter Max Born Institute Berlin Germany
	P2606 O2610	Thermal Neutron Generation in PW Laser Experiments at the Rutherford Appleton Laboratory Habara, Hideaki RAL UK
	P2607	Measurement of Electron Isochoric Heating from Absolute K-alpha Fluorescence Akli, Kramer LLNL USA
	P2608	Measurement of Fast Electron Heating in Solid Targets Using Shifted K a Line Fluorescence Spectroscopy Koenig, Michel LULI - Ecole Polytechnique France
	P2609	Study of Absorption and Hot Electron Generation by a Femto Second High Intensity UV Laser Irradiation Aota, Tatsuya AIST Japan
	P2610	X - Ray Spectroscopic Measurements to Study Energy Transport by Hot Electrons in Ultra - Intensity Laser Produced Plasma Nishimura, Hiroaki ILE, Osaka Univ. Japan
	P2611 O2609	Coherent Transition Radiation from Hot Electrons Produced in Ultraintense Laser Matter Interaction Zheng, Jian Dept. of Modern Physics Univ. of Science and Tech. of China China
	P2612 O2902	On Weibel Filamentation and Ion Acceleration in Laser - Driven Thin Foils Meyer-ter-Vehn, Juergen MPQ Germany
	P2613	Enhancement of Energetic Electron and Proton by Cone Guiding of Laser Light Chen, Zhenglin ILE, Osaka Univ. Japan
	P2614 O2607	Proton Beam Focusing and Heating in Petawatt Laser-Solid Interactions Snively, Richard A. LLNL USA
	P2615	Laser - Ablation Treatment of Short-Pulse Laser Targets: Towards an Experimental Program on Energetic-Ion Interactions with Dense Plasmas Fernandez, Juan C. LANL USA
	P2616	Isochoric Heating with Energetic High-Density Ions Generated by Ultra Intense Laser Light Tutumi, Tomohisa ILE, Osaka Univ. Japan
	P2617	Fast Electron Transport at Relativistic Intensities : from Solid to Vacuum Baton, Sophie D. LULI - Ecole Polytechnique France
	P2618	Transport Limitation of Hot Electrons Generated by Ultra - Intense Laser - Solid Interactions in Vacuum Yabuuchi, Toshinori ILE, Osaka Univ. Japan
	FI overview2	P2619 O2901
Scaling & New concept	P2620 O2803	Fast Ignition Breakeven Scaling Slutz, Stephen A. Sandia National Laboratories USA
	P2621 O2703	Laser-Magnetized Plasma Interaction - to Create A Few Hundreds eV Solid Density Plasma in Laboratory - Sentoku, Yasuhiko Univ. of Nevada Reno USA
	P2622	Nonlinear Force Laser Driven Plasma Blocks for Fast Ignition Osman, Fredrick School of Quant. Meth. and Math. Sci., Univ. of Western Sydney Australia
	P2623	A New Twist to IFE - Impact Ignition - Murakami, Masakatsu ILE, Osaka Univ. Japan
Particle transport & heating (Sim & The)	P2624	The General Properties of Probability Distributions in Fast Ignition and High Field Physics Sokolov, Nikolay V. Russian Academy of Sciences, Russian Orthodox Univ. Russia
	P2625	Stopping and Scattering of Directed Energetic Electrons in High-Temperature Hydrogenic Plasmas Li, Chikang Plasma Sci. and Fusion Cent., Massachusetts Inst. of Technol. USA
	P2626	Genuine Two-Fluid Computations for Plane Geometry TW-ps Laser Plasma Interaction Osman, Fredrick School of Quant. Meth. and Math. Sci., Univ. of Western Sydney Australia
	P2627	Magnetic Field Generation and Energy Absorption at Solid Surfaces Irradiated by Intense Laser Fields Nakamura, Tatsufumi ILE, Osaka Univ. Japan

	P2628	Energy Transport of Relativistic Electrons in Overdense Plasma Generated in Intense Laser Interaction		
	O2606	Nishihara, Katsunobu	ILE, Osaka Univ.	Japan
	P2629	Current Filament Instability in Fast Ignition		
		Ren, Chuang	UC, Los Angeles	USA
	P2630	Dispersion and Transport of Energetic Particles Created during the Interaction of Intense Laser Pulses with Overdense Plasma		
	O2605	Adam, Jean-Claude	LULI - Ecole Polytechnique	France
	P2631	Numerical Investigation of Cone - Guided Fast Ignition		
	O2804	Hartmut, Ruhl	Univ. of Nevada Reno	USA
	P2632	Simulation of Relativistic Electron Beam Transport Using Hybrid Code		
		Matsumoto, Toshikazu	ILE, Osaka Univ.	Japan
	P2633	LSP Calculations of Electron Transport Experiments		
	O2603	Town, Richard PJ	LLNL	USA
	P2634	Proton Radiography of Electric and Magnetic Fields		
		Town, Richard PJ	LLNL	USA
	P2635	Physics of Heating Compressed Fast Ignition Cores by Petawatt Laser - Generated Electrons		
		Mehlhorn, Thomas A.	Sandia National Laboratories	USA
	P2636	Development of Two-Dimensional Fokker-Planck Transport Code for Relativistic Electrons in Compressed Core Plasmas		
		Yokota, Tomonori	Dept. of App. Quant. Phys. and Nucl. Engineering, Kyushu Univ.	Japan
	P2637	Analysis of Core Plasma Heating in Fast Ignition		
	O2810	Johzaki, Tomoyuki	ILE, Osaka Univ.	Japan
Laser experiments	P2638	Abstract Petawatt Laser Super - Penetration into Overdense Preplasma as Relevant to Fast Ignition in Inertial Confinement Fusion		
		Lei, An-le	ILE, Osaka Univ.	Japan
	P2639	Electron Density Measurement of Preplasma in Ultra-high Intense Laser System		
		Adumi, Ken	ILE, Osaka Univ.	Japan
	P2640	Recent Superintense Laser - Solid Interaction Studies at LFRC		
		Gu, Yuqiu	Laser fusion research center, CAEP	China
	P2641	Control of High Intensity Laser Multiple Filamentation in Air		
		Zigler, Arie	Racah Institute of Physics Hebrew Univ.	Israel
Radiation	P2642	Microwave Radiation from Interaction of Ultra-short High-intense Laser Pulse and Weakly Magnetized Plasma		
		Araghy, H. Parchamy	Dept. of Energy and Environmental Science, Utsunomiya Univ.	Japan
	P2643	Terahertz Radiation from the Vacuum - Plasma Interface Driven by Ultra - Short Intense Laser Pulses		
		Sheng, Ming Zheng	IP, CAS	China
	P2644	Flat - Top Phase - Matched High - Order Harmonics in Static Gas - Filled Cell		
		Xie, Xinhua	Shanghai Institute of Optics and Fine Mechanics, CAS	China
Post deadline	P2647	Ion Acceleration and Related Nuclear Reactions in Ultra-Intense Laser-Solid Interactions		
		Youssef, Ahamed M.	ILE, Osaka Univ.	Japan