

Ultra-intense Laser Interactions Science

Tuesday, 26 May 2009

Poster Session I (18:10 - 19:30)

time	[id] title	presenter
18:10	[85] Energetic ions from next generation ultraintense ultrashort lasers: scaling laws for TNSA	PASSONI, Matteo
18:12	[56] Above-millijoule continuum generation using polarisation dependent filamentation in atoms and molecules	ALONSO, Benjamín
18:14	[16] Ion Acceleration by Short High Intensity Laser Pulse	ANDREEV, Alexander
18:16	[33] On the Possibility of Laser Generating Quasi-Monochromatic Ion Bunches via Ultrathin Targets Nano-Structuring	BETTI, Sergio
18:18	[52] Properties of the X-Ray Radiation Emitted by Energetic Electrons from Laser-Plasma Interaction in the Relativistic Regime	ANDRE, Arnaud
18:20	[75] Observation of laser induced Optogalvanic-like effect in liquid: a case of optical nutation of the dipole vectors	BORDOLOI, RAJIB
18:22	[3] Development of laser-based x-ray sources using non-trivial plasma medium or additional laser pulses	CORDE, Sebastien
18:24	[54] High-precision positioning of a rotating solid target for high-harmonic generation at kHz repetition rate	BOROT, antonin
18:26	[68] Dense plasmas characterised by spectrally and temporally resolved reflectivity measurements in the XUV domain	DOBOSZ DUFRENOY, sandrine
18:28	[72] A Pilot PLASMON-X experiment on electron acceleration with self-injection	CECCHETTI, Carlo Alberto
18:30	[73] HiPER diagnostics development: a novel spectrally resolved X-ray imaging technique for laser-plasmas	GIZZI, Leonida Antonio
18:32	[80] Laser-IORT: a laser-driven source of relativistic electrons suitable for Intra-Operative Radiation Therapy of tumors	GAMUCCI, Andrea
18:34	[81] Secondary radiation from multi-GeV protons generated in laser-solid interactions in ELI	CARDOSO, Luis
18:36	[86] Laser-driven electron and Bremsstrahlung x-ray sources at petawatt intensity	COMPANT LA FONTAINE, Antoine
18:38	[23] High-Energy Protons from closely stacked, ultra-thin foils	KLUGE, Thomas
18:40	[76] The effect of laser wavelength on laser-driven	JABLONSKI, Slawomir
18:42	[88] Fast electron transport studies through K-alpha imaging and spectroscopy in ultra-high intensity laser-solid interactions	KOESTER, Petra
18:44	[1] Diode-pumped chirped pulse amplification to the TW level using Yb:CaF ₂	SIEBOLD, Mathias
18:46	[5] Influence of Ambient Plasmas to the Field Dynamics of Laser Driven Mass-Limited Targets	SCHNUERER, Matthias
18:48	[7] Ramsey-Type Spectroscopy in the XUV spectral region	PIRRI, Angela
18:50	[12] Transition to chaotic regime of surface oscillations in super-intense laser interaction with sharp overdense plasma	KORZHIMANOV, Artem

18:52	[17] Characterization of laser induced proton beams with radiochromic films: comparison between optical densitometry and nuclear activation analyses.	PLAISIR, Cyril
18:54	[37] On dynamics of flat-top electromagnetic solitons in a cold relativistic electron-ion plasma	SAXENA, Vikrant
18:56	[42] Strongly Enhanced Laser Absorption and Electron Acceleration via Resonant Excitation of Surface Plasma Waves	RAYNAUD, Michele
18:58	[43] Ultrafast Electron Dynamics in Gold in the Presence of Laser Excited Surface Plasma Waves	RAYNAUD, Michele
19:00	[45] The Gemini Laser Facility	PARRY, Bryn
19:02	[57] On the fabrication of large arrays of 3- μ m diameter channels in thick substrates for advanced X-ray imaging.	LEVATO, Tazio
19:06	[64] Controlling high-order harmonic cut-off extension using two delayed pulses of the same colour	RUIZ, Camilo PÉREZ-HERNÁNDEZ, Jose Antonio
19:08	[65] Control of the polarization of attosecond pulses using a two-color field	RUIZ MÉNDEZ, Camilo
19:10	[77] BLISS@CNR-Pisa: a flexible laser for small scale test experiments on fusion oriented physics	LABATE, Luca
19:12	[82] Proton Tomography: Tomographic reconstruction of high contrast laser driven proton source	TER-AVETISYAN, Sargis
19:14	[84] Double acceleration of ions and application in biomaterials	NASSISI, Vincenzo