

	Monday - 23 March 2009	Tuesday - 24 March 2009	Wednesday - 25 March 2009	Thursday - 26 March 2009
	High-Energy Density Physics I, II (NIF, ZR, OMEGA, ETC.)	Magnetic Fusion Plasmas, EBIT plasmas, Next-Generation Light Sources	Astrophysical Plasmas, Magnetic Fusion Plasmas II, Small laser plasmas	Fundamental Data and Modeling, Astrophysics II
8:50	Introductions	Announcements	Announcements	Announcements
9:00	A1 - Larry Suter (LLNL) - Effect Of NLTE Emissivity Models On NIF Ignition Hohlraum Power Requirements	D1 - Martin O'Mullane (QUB) - Atomic Data For Core And Edge Modeling	G1 - Kate Kirby (CFA) - Accurate Calculations and Laboratory Measurements for Astrophysical Plasmas	J1 - Michael Witthoeft (NASA/GSFC) - R-matrix calculations along sequences: photoionization and electron-impact excitation
9:30	B1 - Manolo Sherrill (LANL) - NLTE Opacities of Mid- and High-Z Cocktails	D2 - Matt Reinke (MIT) - Verification of the Radiating Properties of High-Z Impurities in High Temperature Plasmas	G2 - David Cohen (Swarthmore) - X-ray Spectroscopy of the Radiation-Driven Winds of Massive Stars: Line Ratio and Line Profile Diagnostics	J2 - Yuri Raichenko (NIST) - Ab Initio Multi-Code Calculation of Ionization Balance and Radiative Losses for Tungsten under MCF Conditions
10:00	break	break	break	break
10:30	B2 - Philip Nilson (LLE) - Bulk Heating Of Solid-Density Matter Using Kilojoule Pulses on OMEGA EP	E1 - Fred Currell (QUB) - Programming the EBIT Plasma to Highlight Specific Processes	G3 - Enrico Landi (NRL) - The Thermal Structure Of The Solar Upper Atmosphere	J3 - Arati Dasgupta (NRL) - X-ray Spectroscopy of K- and L-shell Z-pinch and Astrophysical Plasmas
11:00	B3 - Pravesh Patel (LLNL) - Progress in Fast Ignition Studies with Electrons and Protons	E2 - Christoph Biedermann (MPI) - X-ray And EUV Spectroscopy Of Highly Charged Tungsten Ions	G4 - Peter HakeI (UNR) - Polarization Spectroscopy Modeling With The Inclusion of Opacity Effects	K1 - Olivier Peyrusse (CELIA) - K-edge Absorption Spectra in Warm Dense Matter
11:30	C3 - Jeff Koch (LLNL) - Non-Equilibrium Electron And Ion Temperature Measurements In Omega Direct-Drive Implosions	E3 - Nobuyuki Nakamura (Inst. for Laser Science Tokyo) - Collision Processes of Highly Charged Ions with Electrons Studied with an Electron Beam Ion Trap	G5 - Stuart Loch (Auburn) - Ionization Balance and Data Surveys	K2 - Alla Safronova (UNR) - Studying radiation from Z-pinch wire array plasmas: from K-shell Mg to M-shell Mo
12:00	Lunch	Lunch	Lunch	Lunch
12:30				
13:00				
13:30	C1 - Jon Eggert (LLNL) - Shock Experiments on Pre-Compressed Fluid Helium	F1 - Roger Falcone (UCB) - Future Opportunities in Plasma Physics with FELs	H1 - Robin Barnsley (ITER) - A Generalist's and Specialist's Talk on ITER Spectroscopy	L1 - Justin Wark (Oxford) - Femtosecond X-ray Diffraction: Applications for Laser-Irradiated Materials
14:00	C2 - Michael Desjarlais (SNL) - Quantum Molecular Dynamics Simulations for Generating Equation of State Data	F2 - Stefan Hau-Riege (LLNL) - Modeling XFEL Interaction with Solids, Clusters, and Biomolecules	H2 - Eric Hollmann (UCSD) - Low-Z Shell Pellet Experiments on DIII-D	L2 - Toru Kawamura (Tokyo Inst. Tech.) - Polarization of He-alpha radiation by anisotropic fast electron transport in ultra-intense laser produced plasmas
14:30	C4 - Greg Rochau (SNL) - Radiating Shock Properties in the Z-pinch Dynamic Hohlraum	F3 - Beata Ziaja (DESY) - Ionization and expansion dynamics of atomic clusters irradiated with short intense VUV pulses	H3 - Predrag Krstic (ORNL) - Burning Plasma-Wall Interactions	L3 - Gianluca Gregori (Oxford, RAL) - Dense plasma correlations and experimental tests of structure factors
15:00	B4 - Jim Bailey (SNL) - Experimental Investigation of Iron Plasma Opacity Models	break	break	break
15:30	P1 - POSTER SESSION	F4 - Claudio Pellegrini (UCLA) - X-ray Free-electron Lasers	I1 - John Ludlow (Auburn) - Advances in Supercomputing for the Modelling of Atomic Processes in Plasmas	L4 - Todd Ditmire (UT) - High Intensity Femtosecond XUV Pulse Interactions with Atomic Clusters
16:00		F5 - Lou DiMauro (OSU) - Intense Laser-Atom Physics in the Classical Limit	I2 - Yitzhak Maron (Weizmann) - Magnetic-Field Measurements in Plasmas: Beyond the Traditional Zeeman Spectroscopy	L5 - Andrea Kritcher (LLNL) - X-ray Thomson scattering measurements in dense plasmas - towards accurate measurements of the optical properties

Plenary
HED Physics
MFE Physics
Small-Scale Plasmas (EBITs)
Astrophysical Plasmas
Next Generation Light Sources (FELs)
Small Laser Plasmas (fs and ps class)
Fundamental Data
Modeling and Plasma Diagnostics