

HEP - Friday Morning - 111 Life Sciences				Condensed Matter - Friday Morning - E1 Auditorium		
Time	Author	Title		Time	Author	Title
8:30 AM	Zhou	Fully Differential W-prime Production and Decay in Arbitrary Models		8:30 AM	Andreev	Rheology Predictions using the Discrete Slip-Link Model with Finite Extensibility
8:45 AM	Draeger	The Daya Bay Experiment		8:45 AM	Cordoba	The role of particle inertia in microrheological data analysis
9:00 AM	Seilhan	Extensions to the Gaudi framework for the DayaBay Experiment		9:00 AM	Pilyugina	Dielectric relaxation as an independent examination of relaxation mechanisms in entangled polymers using the discrete slip-link model
9:15 AM	Wu	The Daya Bay Readout System		9:15 AM	Mower	D'yakonov-Perel' spin relaxation for degenerate electrons in the electron-hole liquid
9:30 AM	Graf	Recent Results from MINOS		9:30 AM	Liu	Magneto-electric Control of Spin Waves
9:45 AM	Zwaska	The Long Baseline Neutrino Experiment		9:45 AM	Olsen	Inelastic Neutron Scattering from Hydrogen Adsorbed in Nanoporous Carbons
10:00 AM	COFFEE BREAK	COFFEE BREAK		10:00 AM	COFFEE BREAK	
10:30 AM	Sullivan	Theory lessons from the Tevatron for the LHC		10:30 AM	Landahl	Ultra-Fast X-Ray Studies
11:00 AM	Wesley Smith	Recent Results and Prospects for CMS		11:00 AM	Lyding	Graphene
11:30 AM	Menon - Sullivan	Using charm tagging to discover the Higgs in semi-leptonic channel		11:30 AM	Zasadzinski	Is There a Pairing Glue in High Temperature Superconductors?
11:45 AM	Kaplan	A New Antiproton Experiment for Fermilab		11:45 AM	Hung	Observation of scale invariance and universality in two-dimensional Bose gases
12:00 PM	Bruckman	Simulation of Phi Meson Photoproduction Observation at RHIC through Phi --> K + K- and Phi --> K-short K-long		12:00 PM	Karunaratne	X-ray Photon Correlation Spectroscopy measurements from the dynamics of Alpha Crystallin
12:15 PM	Nelson	J/psi->mumu from 7 TeV pp collisions in ATLAS: physics with the first data		12:15 PM	Sharafati	Density-functional studies of a vacancy in graphene
Astro - Accelerator - Friday Afternoon - 111 Life Sciences				General Physics - Friday Afternoon - E1 Auditorium		
Time	Author	Title		Time	Author	Title
2:00 PM	Mancini	The Advanced Photon Source Upgrade		2:00 PM	Erber	Piezomagnetism, the Piezo-Barkhausen Effect, and Metal Fatigue
2:30 PM	Irving	Bio-CAT at the ANL APS		2:30 PM	Timofeeva	Nanofluids for Heat Transfer: An Engineering Approach
2:45 PM	Wojcik	Hard X-ray Zone Plates Fabricated with Ultrananocrystalline Diamond Molds for 60-nm-resolution		2:45 PM	Mertens	Synchronization in the presence of resonant coupling
3:00 PM	Katsoudas	Electrodeposition Assisted X-Ray Lithography: Single Step Approach		3:00 PM	Thompson	Quantum Statistical Aspects of Anderson Localization with Second Quantized Fields
3:15 PM	Herzenberg	Localization of quantum objects in an expanding universe and cosmologically induced classicality		3:15 PM	COFFEE BREAK	
3:30 PM	COFFEE BREAK			3:45 PM	Christov	Mixing by cutting and shuffling in quasi-2D granular flows
4:00 PM	Wisniewski	Field Enhancement Factor in RF Photocathode Guns at AWA/ANL - a proposed study		4:00 PM	Krotter	Mixing Properties for Cutting and Shuffling a Line Segment
4:15 PM	Casella	Conformal Field Theory Approach to Black Hole Entropy		4:15 PM	Clark	The role of crossover recombination and inversion in determining gene spacing in a chromosome
4:30 PM	Kuehnemund	Developing a Nonresonant Acoustic Transducer Backing for Superheated Liquid Dark Matter Detectors		4:30 PM	Johnson	Near-Field Studies of Temperature Induced Structural Changes in Supported Lipid Bilayer Systems
4:45 PM	Brekke	The Origin of Galactic Arms Is An External Orbit		4:45 PM	DeCaro	Supported Stacked Lipid Bilayers
General Physics - Saturday Morning - E1 Auditorium						
Time	Author	Title				
8:30 AM	Mulhall	Matter and force particle modeling with a four-dimensional spin-based space				
8:45 AM	Erikson	Thermodynamics and Panpsychism, Explored (II)				
9:00 AM	Laubenstein	In Search of Event Horizons using the Equivalence Principle				
9:15 AM	Sills	Four-dimensional Physical Space				
9:30 AM	Wang	The Formation of Spaces in the Universe and Its Expansion				
9:45 AM	Sven	Center of the Universe Located by Triangulation of NASA Data				
10:00 AM	COFFEE BREAK	COFFEE BREAK				
10:30 AM	Gorbunov	Photoproduction at Relativistic Heavy Ion Collider with STAR				
11:00 AM	Wagner	Time resolved Compton scattering for a model fermion-boson system				
11:15 AM	Rogers	Decomposition based imaging in longitudinal obstacle arrangements				
11:30 AM	Shields	Superluminality vs causality in quantum mechanics				
11:45 AM	Morris	Einstein's time dilation in relativistic two-particle system				
12:00 PM	Crossley	Why do charged particles have the same magnitude of charge e?				
12:15 PM	Guha	Compressed Air/Vacuum Transportation Techniques				

