

## LENS/CMP Seminars - 2009

Date	Speaker	Title	Host
January 12	<b>Spring Semester 2009 commences</b>		
January 19	<b>Martin Luther King Day</b>		
January 26	Alberto Rojo, Oakland University	"Towards a quantization of Non-holonomic systems"	Gerardo Ortiz
February 2	Hu Cao, IUCF	"Phase transformations in highly electrostrictive (1-x)Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> )-xPbTiO <sub>3</sub> crystals"	
February 9	Yuri Melnichenko, Oak Ridge National Laboratory	"Phase Behavior of Sub- and Supercritical CO <sub>2</sub> in Natural and Engineered Porous Materials "	Paul Sokol
February 16	Paul Stonaha, IUCF	POSTPONED TO MARCH 9--NO SEMINAR TODAY	
February 23	William Schaich, Indiana University – Physics	"How Light Moves In and Around Tight Places"	
March 2	Karl Johnson, University of Pittsburgh	"Modeling of Adsorption and Transport of Gas Mixtures in Crystalline Nanoporous Materials"	Paul Sokol
March 9	Paul Stonaha, IUCF	"Recent SESAME Measurements"	
March 14	<b>Spring Recess Mar 14-22</b>		
March 23	NO SEMINAR SCHEDULED		
March 30	NO SEMINAR SCHEDULED		
April 6	Michihiro Nagao, NIST/IUCF	"Concentration Dependence of Static and Dynamic Structures in a Spherical Microemulsion System"	Paul Sokol
April 13	Michael Foster, University of Akron	"X-ray Photon Correlation Spectroscopy (XPCS) and Neutron Reflectometry Study of Surface Dynamics of Free PS Chains on Chemically Identical Polymer Brushes"	Herb Fertig
April 20	Gil Refael, Cal Tech	"The thin film Giaever transformer - vortex drag in a superconductor thin-film bilayer"	Herb Fertig
April 27	Leonid Isaev, Indiana University - Physics	"Magnetization plateaux in the Shastry-Sutherland model"	
May 4	<b>Final exam week May 4-8</b>		

<b>Wednesday, July 29, 11:00 am SLCR</b>	Yvonne Glanville, Penn State University	"Phases of Methyl Iodide Confined in GelTech®"	Paul Sokol
September 2	<b>Fall Semester 2009 commences</b>		
September 7	Eva Andrei, Rutgers University	"Observation of Intrinsic Electronic Properties of the Charge Carriers Graphene"	Herb Fertig
September 14	NO SEMINAR SCHEDULED		
September 21	Steve Tait, Indiana University – Chemistry	"Self-organized Molecular Architectures at Surfaces"	Larry Kesmodel
<b>Friday, October 9, 12:00 pm</b>	Takao Suzuki, Tokyo Technological Institute	"Outlook for Hybrid Spintronics Science and Technology"	David Baxter
October 12	Yong Chen, Purdue University	"Graphene: Physics and Materials of a Novel 2D Electron System"	Herb Fertig
October 19	Hu Cao, IUCF	"Magnetic susceptibility measurements of oxygen confined in nanoporous materials"	Paul Sokol
October 26	Brian Demarco, University of Illinois-UC	CANCELLED	
November 2	Timothy Prisk, IUCF	"Neutron Scattering Studies of Elementary Excitations and Bose-condensation in Nanoconfined Superfluid $^3\text{He} + ^4\text{He}$ Mixtures"	
November 9	Robert Willett, Bell Labs	"Alternating $e/4$ and $e/2$ period interference oscillations as evidence for filling factor $5/2$ non-Abelian quasiparticles"	Herb Fertig
November 16	Edward Conrad, Georgia Institute of Technology	"Graphene: a new platform for carbon electronics"	Larry Kesmodel
November 23	Philip Phillips, University of Illinois – Urbana-Champaign	"Arsenic and Old Lace: Loose Electrons in Iron-based Superconductors"	Gerardo Ortiz
December 7	David Baxter, IUCF	"X-ray Absorption Spectroscopy: Research Opportunities with ALPHA"	
December 14	<b>Final exam week December 14-18</b>		