

# LENS/CMP Seminars – 2010

*Swain West 238*

<b>Date</b>	<b>Speaker</b>	<b>Title</b>	<b>Host</b>
January 11	<b>Spring Semester 2012 commences</b>		
January 11	Adam Washington, IUCF	"Measuring Real Space Correlations with Neutrons?"	
January 18	NO SEMINAR-MARTIN LUTHER KING DAY		
January 25	Jianhui Wang, Indiana University - Physics	"Many-body Problems in Graphene"	
February 1	NO SEMINAR SCHEDULED		
February 8	Emilio Cobanera, Indiana University - Physics	"Order-Disorder Symmetry in Condensed Matter and High Energy Physics: A Unifying Approach to Quantum and Classical (Self-) Dualities"	
February 15	Rana Ashkar, IUCF	"Probing buried morphologies in periodic confinements"	
February 22	Morten Eskildsen, Notre Dame University	"Pauli Paramagnetic Effects on the Vortex Cores in CeCoIn <sub>5</sub> "	Paul Sokol
March 1	NO SEMINAR SCHEDULED		
March 8	Carlos Bolech, University of Cincinnati	"Polarized Superfluids in Cold Atomic Gases in Confined Geometries"	Herb Fertig
March 15	<b>Spring Recess</b>		
March 22	Sriram Shastry, University of California-SC	"From Strong to Extreme Correlations: Schwinger Dyson Equations for the t-J model"	Gerardo Ortiz
March 29	Brian DeMarco, University of Illinois – UC	"Experiments with Dirty Bosons"	Dobrin Bossev
April 5	Paul Stonaha, Indiana University - CEEM	POSTPONED TO FALL SEMESTER	
April 12	Ruihua Cheng, IUPUI	"Characterization of Nanostructure Materials Fabricated via Physical Vapor Deposition "	Paul Sokol
April 19	Robin Selinger, Kent State University	"Modeling Rubber that Moves: Liquid Crystal Elastomers"	Herb Fertig
April 26	Luis Brey, CSIC, Madrid, Spain	"Graphene based nanoelectronics: unzipping carbon nanotubes and superlattices"	Herb Fertig
May 3	<b>Finals Week - May 3-7</b>		

August 30	<b>Fall Semester 2010 commences</b>		
September 3	Paul McGinn, Notre Dame University	"Combinatorial Materials Science - A High Throughput Approach for Materials Research "	David Baxter
September 7	Jinwu Ye, Penn State University	"Superradiance, Photon phase diffusion and number squeezed state"	Gerardo Ortiz
September 10	Gregory McKenna Texas Tech University	"Glassy Dynamics, Structure and Aging in Polymers, Small Molecules and Colloids"	Paul Sokol
September 17	Leonid Isaev, Indiana University - Physics	"Superconductivity in strongly repulsive fermions: the role of frustration"	Herb Fertig
September 24	Don Priour, University Missouri at Kansas City	"Melting and Rippling in covalently bound two dimensional crystals"	Herb Fertig
October 1	NO SEMINAR SCHEDULED		
October 8	Fernando de Juan, UC-Berkeley	"The influence of morphology in the electronic properties of graphene"	Herb Fertig
October 15	NO SEMINAR SCHEDULED		
October 22	Dr. Rafi Bistritzer, University of Texas at Austin	"Twisted double-layer graphene"	
October 29	Gabor Csathy, Purdue University	"Nonconventional Fractional Quantum Hall States"	Herb Fertig
November 5	Liang-shi Li, Indiana University - Chemistry Department	"Toward Graphene-Based Photovoltaics"	Larry Kesmodel
November 12	Christopher Stock, NIST/CEEM	"Helical spin-waves, magnetic order, and fluctuations in the langasite compound $Ba_3NbFe_3Si_2O_{14}$ "	Paul Sokol
November 16	Samuel B. Emery, University of Connecticut	CANCELLED	Dave Baxter
November 19	Prof. Supriyo Datta, Purdue University	"Spin Transistor and Beyond"	Srini Iyengar
November 23	<b>Thanksgiving Recess – November 23-28</b>		
December 3	Dr. Marc Janoschek, University of California - San Diego	"Helimagnons and Magnetic Soliton Lattices: Two examples demonstrating the power of neutron scattering in unveiling the secrets of chiral magnets"	Roger Pynn
December 10	NO SEMINAR SCHEDULED		
December 13	<b>Finals Week - Dec 13-17</b>		