

## LENS/CMP Seminars - 2012

*Swain West 238*

<b>Date</b>	<b>Speaker</b>	<b>Title</b>	<b>Host</b>
January 9	<b>Spring Semester 2012 commences</b>		
March 10	<b>Spring Recess - March 10-18</b>		
March 23	Ribhu Kaul, University of Kentucky	tba	Herb Fertig
March 30	NO SEMINAR SCHEDULED		
April 6	Pouyan Ghaemi, University of Illinois – UC	"Stabilizing the topological imprint and Majorana fermions in doped topological insulators"	Babak Seradjeh
April 13	NO SEMINAR SCHEDULED		
April 20	Jason Alicea, University of California, Irvine	"Majorana fermions in solid state devices: a promising route to decoherence-free quantum information processing"	Babak Seradjeh
April 27	William Hamilton, Oak Ridge National Lab	"Cold neutron scattering by coherent surface phonon states"	Roger Pynn
May 4	<b>Finals Week - April 30 - May 4</b>		
August 20	<b>Fall Semester 2012 commences</b>		
August 24	NO SEMINAR SCHEDULED		
August 31	Yong P. Chen, Purdue University	<b>"Electronic transport in topological insulators"</b>	Babak Seradjeh
September 7	Chi-Ken Lu, Indiana University	"Mass texture and zero-mode in condensed matter system"	Herb Fertig
September 14	Arijit Kundu, Indiana University	"Electron-phonon coupling induced resistivity of topological insulator thin film"	Herb Fertig
September 21	Wei-Cheng Lee, University of Illinois-UC	<b>"Orbital Physics in Iron Based Superconductors"</b>	Chi-Ken Lu
September 28	NO SEMINAR SCHEDULED		
October 5	NO SEMINAR SCHEDULED		

October 12	<b>Fall Break – October 12-14</b>		
October 19	Bahman Roostaei, IUPUI	"Domain Walls in Helical Magnets"	Babak Seradjeh
October 26	NO SEMINAR - OPEN HOUSE OCTOBER 27		
November 2	Humphrey Maris, Brown University	"Experiments with Electrons in Superfluid Helium"	Paul Sokol
November 9	Gang Cao, University of Kentucky	"Spin-Orbit Tuned Ground States in Single-Crystal Iridates"	Shixiong Zhang
November 16	Bo Wang, Indiana University	PhD Candidacy Seminar - "Adsorption of CO <sub>2</sub> in porous MCM-41 using Small Angle Scattering"	Paul Sokol
November 23	<b>Thanksgiving Recess – November 18-25</b>		
November 30, <b>2:00 - 3:30 pm</b>	Matthew Bryan, Indiana University	<b>2:00-2:30 pm:</b> Organizational Meeting <b>2:30-3:30 pm:</b> Matthew Bryan, Ph.D. Candidacy Seminar - "Helium In Confinement Via Neutron Scattering"	Paul Sokol
December 7	Enzhi Xu, Indiana University	PhD Candidacy Seminar - "Topological Nano-thermoelectrics: Enhancing the Thermoelectric Properties of Topological Insulators via Nano-structuring"	Shixiong Zhang
December 14	<b>Finals Week – December 10-14</b>		