

## LENS/CMP Seminars – 2016

Date	Speaker	Title	Host
January 11	<b>SPRING SEMESTER COMMENCES</b>		
January 15	Smitha Vishveshwara, University of Illinois, Urbana-Champaign	<u>"Spotting Majorana Fermions amidst Hofstadter betterflies and disordered landscapes"</u>	Phil Richerme
January 22	Jorge Jose, Indiana University	"Personal Reminiscences about Leo Kadanoff, as student, post doc and friend"	Gerardo Ortiz
January 29	Kenneth F. Kelton, Washington University	<u>"Kinetic and Structural Fragility in Metallic Glass-Forming Liquids"</u>	Dave Baxter
February 5	Rudro Biswas, Purdue University	<u>"Uncovering the geometry of quantum Hall states"</u>	Herb Fertig
February 12	Tony Lee, IUPUI	<u>"Unconventional magnetism in dissipative atomic systems"</u>	David Baxter
February 19	Tapash Chakraborty, University of Manitoba	<u>"Search for Majorana fermions in semiconductor nanostructures"</u>	Herb Fertig
February 26	Roland Kawakami, Ohio State University	<u>"Spins in 2D Materials"</u>	Shixiong Zhang
March 4	Taylor Hughes, University of Illinois at Urbana-Champaign	<u>"Interplay between Symmetry and Geometry in Topological Phases"</u>	Phil Richerme
March 11	Rebecca Flint, Iowa State University	<u>"Hidden (hastatic) order in URu<sub>2</sub>Si<sub>2</sub>: hybridization with a twist"</u>	Babak Seradjeh
<b>March 12-21</b>	<b>SPRING BREAK</b>		
March 25	NO SEMINAR SCHEDULED		
April 1	Jacek Furdyna, Notre Dame University	<u>"Antiferromagnetic Spintronics: A New Opportunity for Magnetic Semiconductors"</u>	Shixiong Zhang
April 8	Alexander Seidel, Washington University	<u>"Quantum Hall Hamiltonians as frustration free lattice models"</u>	Gerardo Ortiz
April 15	<b>NO SEMINAR - APS MEETING APRIL 16-19</b>		
<b>May 2-6</b>	<b>FINALS WEEK</b>		
August 22	<b>FALL SEMESTER COMMENCES</b>		
August 26	Bo Wang, IU Physics	<b>DOCTORAL DISSERTATION DEFENSE</b> "Adsorption of Carbon Dioxide in Mesoporous Silica"	Paul Sokol
September 2	NO SEMINAR SCHEDULED		
September 9	NO SEMINAR SCHEDULED		
September 16	Ricardo Decca, IUPUI	<u>"Unresolved issues in vacuum fluctuations in the presence of dielectric boundaries"</u>	Gerardo Ortiz

September 23	Kater Murch, Washington University	<u>"Shedding light on measurement with spontaneous emission"</u>	Phil Richerme
September 30	NO SEMINAR SCHEDULED		
<b>October 7-9</b>	<b>FALL BREAK</b>		
October 14	Open		
October 21	Peter Abbamonte, University of Illinois, Urbana-Champaign	<u>"Discover of an excitonic condensate in 1T-TiSe<sub>2</sub>"</u>	Shixiong Zhang
October 28	Sahinur Reja, IU Physics	<u>"Coupled spin-charge order and electronic route to stabilize nano-scale spin texture in frustrated itinerant triangular magnets"</u>	Herb Fertig
November 4	Martin Rodriguez-Vega, IU Physics	<u>"Giant Spin-Orbit Torque in Graphene-Topological-Insulator Heterostructures"</u>	Babak Seradjeh
November 11	Anton Burkov, University of Waterloo	<u>"Transport in topological metals"</u>	Babak Seradjeh and Herb Fertig
November 18	NO SEMINAR SCHEDULED		
<b>November 19-27</b>	<b>THANKSGIVING BREAK</b>		
December 2	NO SEMINAR SCHEDULED		
December 9	Dylan Evans, IU Physics	Candidacy seminar	Paul Sokol
<b>December 12-16</b>	<b>FINALS WEEK</b>		