

## LENS/CMP Seminars – 2015

Date	Speaker	Title	Host
January 12	<b>SPRING SEMESTER COMMENCES</b>		
January 16	Organizational meeting		
January 23	Changwoo Do, Oak Ridge National Lab	<u>"Understanding inelastically scattered neutrons from water on a time-of-flight small-angle neutron scattering (SANS) instrument"</u>	David Baxter
January 30	NO SEMINAR SCHEDULED		
February 6	NO SEMINAR SCHEDULED		
February 13	Edward Flagg, West Virginia University	<u>"Quantum Dots and Quantum Optics"</u>	Gerardo Ortiz
February 20	Open		
February 27	Armin Rahmani, University of British Columbia	<u>"Anyonic Liquids in Nearly Saturated Spin Chains"</u>	Gerardo Ortiz
March 6	<b>NO SEMINAR SCHEDULED - APS MARCH MEETING</b>		
March 13	Efrat Shimshoni, Bar Ilan University, Israel	<u>"Superfluid-Insulator transition of quantum Hall domain walls in bilayer graphene"</u>	Herb Fertig
<b>March 14 - 23</b>	<b>SPRING BREAK</b>		
March 27	Daniel S. Hussey, National Institute of Standards and Technology	<u>"Neutron imaging at NIST: a review of 10 year's progress and future outlook"</u>	David Baxter
April 3	NO SEMINAR SCHEDULED NOTE: Giovanni Vignale re-scheduled, will present Physics Colloquium, April 22		Herb Fertig
April 10	Tongcang Li , Purdue University	<u>"Quantum optomechanics of levitated dielectric particles"</u>	Gerardo Ortiz
April 17	Douglas Strachan, University of Kentucky	<u>"Low-Dimensional Properties of Atomically-Thin Materials and Systems"</u>	Shixiong Zhang
April 24	Michael Levin, University of Chicago	<u>"Protected edge modes without symmetry"</u>	Babak Seradjeh
May 1	Shixiong Zhang, IU Physics	<u>"Magnetism in Complex Iridates"</u>	Herb Fertig
<b>May 4 - 8</b>	<b>FINALS WEEK</b>		

August 24	<b>FALL SEMESTER COMMENCES</b>		
August 28	NO SEMINAR SCHEDULED		
September 4	NO SEMINAR SCHEDULED		
September 11	NO SEMINAR SCHEDULED		
September 25	Bryan Clark, University of Illinois, Urbana-Champaign	<u>"Tensor networks for the many body localized phase: simulating the breakdown of statistical mechanics and the presence of quantum effects at infinite temperature"</u>	Herb Fertig
October 2	Tami Pereg-Barnea, McGill University	<u>"Topological superconductivity from interactions"</u>	Babak Seradjeh
<b>October 9-12</b>	<b>FALL BREAK</b>		
October 16	Rolando Valdes Aguilar, The Ohio State University	<u>"Studying matter with terahertz radiation"</u>	Babak Seradjeh
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December 4	Braden Feshami, IU Physics	"Landau Level Mixing in the $\nu=0$ State of Graphene"	Herb Fertig
December 11	Leonid Rokhinson, Purdue University	<u>"Majorana fermions in semiconductor/superconductor hybrid structures"</u>	Shixiong Zhang
<b>December 14-18</b>	<b>FINALS WEEK</b>		