

## LENS/CMP Seminars – 2019

In the **Spring Semester 2019** all seminars prior to February 21 were held on **Thursdays at 4:00 pm** in **Swain West 214**, and after February 21 were held on **Fridays at 3:45 pm** in **Swain West 214**, unless otherwise noted. In the **Fall Semester 2019** all seminars were held on **Fridays at 11:15 am** in **Swain West 214**, unless otherwise noted.

Date	Speaker	Title	Host
<b>January 6</b>	<b>SPRING SEMESTER COMMENCES</b>		
January 17	tba	Candidate Seminar	
January 24	tba	Candidate Seminar	
January 31	tba	Candidate Seminar	
February 7	tba	Candidate Seminar	
February 14	tba	Candidate Seminar	
Friday, March 8	<b>NO SEMINAR - APS MARCH MEETING</b>		
<b>March 10-17</b>	<b>SPRING BREAK</b>		
Friday, March 22	Yogesh Joglekar, IUPUI	<u>"Quantum realizations of non-Hermitian, PT-symmetric systems"</u>	Gerardo Ortiz and Herb Fertig
Friday, March 29	Lei Jiang, IU School of Informatics, Computing and Engineering	<u>"Emerging Nonvolatile Memory Technology based Future Main Memory System"</u>	Shixiong Zhang
Friday, April 12	Julia Yael Plavnik, Indiana University, Mathematics Department	<u>"Mathematical framework of Topological Quantum Computing"</u>	Gerardo Ortiz
Friday, April 19	Shufan Lu, Indiana University Physics Department	Candidacy seminar: <u>Quantum microscopically entangled single-neutron interferometry"</u>	Gerardo Ortiz
Friday, April 26	<b>CANCELLED:</b> Ribhu Kaul, University of Kentucky		
<b>April 29-May 3</b>	<b>FINALS WEEK</b>		
<b>August 26</b>	<b>FALL SEMESTER COMMENCES</b>		
August 30	Organizational Meeting		
September 13	Fahad Mahmood, University of Illinois at Urbana-Champaign	<u>"Measuring and manipulating quantum materials with THz light"</u>	Babak Seradjeh
September 20	Marc Janoschek, Paul Scherrer Institute	<u>"Ultra-High Resolution Studies of Ferromagnetic Quantum Matter"</u>	Roger Pynn
September 27	Morten Eskildsen, Notre Dame University	<u>"Structural Transition Kinetics and Activated Behavior in the Superconducting Vortex Lattice"</u>	Steve Kuhn and Roger Pynn

October 4	Matt Dietrich, Argonne National Lab	<u>"Searching for New Physics with Laser-Cooled, Radioactive Atoms"</u>	Phil Richerme
<b>October 18-20</b>	<b>FALL BREAK</b>		
<b>Saturday, October 26, SW 9:00 am- 3:00 pm</b>	<b>IU SCIENCEFEST</b>		
November 1	Ribhu Kaul, University of Kentucky	<u>"Quantum phase diagrams of two dimensional "designer" spin models"</u>	Herb Fertig
November 8	Martin Suchara, Argonne National Lab	<u>"Simulation-Driven Design of Photonic Quantum Communication Networks"</u>	Gerardo Ortiz
November 22	Chen-Lung Hung, Purdue University	<u>"Quench dynamics and Townes soliton formation in two-dimensional Bose gases"</u>	Brian DeSalvo
<b>November 24- December 1</b>	<b>THANKSGIVING BREAK</b>		
December 6	Amanda Coughlin, IU Physics	<b>Candidacy seminar:</b> "Engineering of magnetism and transport in nanostructured metal chalcogenides"	Shixiong Zhang
December 13	Will Holdhusen, IU Physics	<b>Candidacy seminar:</b> "Frustration and Uniquasiparticle Behavior in Strongly Coupled Systems"	Gerardo Ortiz
<b>December 16-20</b>	<b>FINALS WEEK</b>		