


 Department of Physics & Astronomy
Colloquium | Events

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Spring 2014 – Colloquium Schedule

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Date	Speaker and Talk Title	Host
January 14	No Colloquium	
January 21	John Sipe, University of Toronto Abstract Title: From classical to quantum nonlinear optics in photonic structures	OSA
January 28	Rick Lytel, First Degree Innovation Abstract Title: Nonlinear optics of quantum graphs: Geometrical, topological, and universal scaling laws	Mark Kuzyk
February 4	No Colloquium	
February 11	No Colloquium	
February 13 {Thursday}	Brian Collins, National Institute of Standards and Technology Abstract Title: Novel resonant X-ray experiments revealing how nano-to-mesoscale structure governs optoelectronic processes in organic devices	Sue Dexheimer
February 18	No Colloquium	
February 20 {Thursday}	Wei Han, IBM Almaden Research Center Abstract Title: Spintronics in Graphene and Complex Oxides	Sue Dexheimer
February 25	Stephanie Law, University of Illinois at Urbana-Champaign Abstract Title: Designer plasmonic materials for the mid-infrared	Kelvin Lynn
March 4	No Colloquium	
March 11	No Colloquium	
March 18	Spring Break – No Colloquium	
March 25	Jason W. Barnes, Department of Physics, University of Idaho Abstract Title: Spin-Orbit Alignment of Exoplanets from Gravity Darkening: Clues to the Origin of Hot Jupiters	Guy Worthey
March 27 {Thursday}	Dr. Christopher J. Keane, Director, NIF User Office, Lawrence Livermore National Laboratory (LLNL) and incoming Vice President for Research, Washington State University Abstract Title: Recent Advances in Inertial Confinement Fusion (ICF) and the Physics of Matter at High Energy Densities	Matt McCluskey
April 1	Peter Engels, Department of Physics and Astronomy, WSU Abstract Title: BECs in artificial gauge fields: Simulating condensed matter Hamiltonians with ultracold atoms	Matt McCluskey
April 8	Gary Collins, Department of Physics and Astronomy, WSU Abstract Title: The correlation factor in impurity diffusion	Matt McCluskey
April 15	Lorin Benedict, Condensed Matter and Materials Division, Lawrence Livermore National Laboratory Abstract Title: Predicting the Properties of Matter at Ultra-High Pressure and Temperature: Physical Models for Inertial Confinement Fusion	Matt McCluskey
April 22	Open	
April 29	Yanfei Gao, Department of Materials Science and Engineering, University of Tennessee at Knoxville Abstract Title: A Peierls Perspective on Mechanisms of Atomic Friction	Yi Gu