

Fall 2008	
Sept. 2	Peter Engels Department of Physics and Astronomy Washington State University Abstract: Experiments with quantum liquids at WSU ~ Adventures in the ultracold
Sept. 9	Professor Matthew McCluskey Department of Physics and Astronomy Washington State University Abstract: Hydrogen in bulk and nanoscale ZnO
Sept. 16	Dr. Choong-Shik Yoo Institute for Shock Physics Department of Chemistry Washington State University Abstract: Forefront High Pressure Science using Advanced Light Sources: Probing Unusual Electronic Phase Transitions in d- and f-electron metals
Sept. 30	Dr. Jim Brozik Department of Chemistry Washington State University Abstract: Identifying Biochemical States of Membrane Proteins Using Single Molecule Fluorescence Techniques
Sept. 23	Eugene E. Haller UC Berkeley and Lawrence Berkeley National Laboratory Abstract: Germanium Nanocrystals Synthesized by Ion Beams
Oct. 7	Wayne Hess Pacific Northwest National Laboratory Richland, WA 99352, USA Abstract: Modifying surface atomic structure with light: Control of laser desorption from crystalline surfaces
	Scott A. Chambers <i>Fundamental and Computational Sciences Directorate</i> <i>Pacific Northwest National Laboratory</i> <i>Richland, WA USA</i> sa.chambers@pnl.gov Dopant Distributions and Nanoscale Interactions in Magnetically Doped Transition Metal Oxide Epitaxial Films
Oct. 21	Professor Fred Gittes Department of Physics and Astronomy Washington State University Abstract: Physics of Blood Spatter
Oct. 28	Marc H. Weber Department of Physics and Astronomy Washington State University Abstract: ZnO revisited – Is there more to understand?
Nov. 4	Dr. Dam Thanh Son Institute for Nuclear Theory University of Washington

	Abstract: Viscosity, quark gluon plasma, and string theory
Nov. 18	Jonathan E Spanier Department of Materials Science & Engineering Drexel University, Philadelphia PA Abstract: Towards probing and chemical control of nanostructures via molecular adsorbates
Dec. 2	S. Lance Cooper Department of Physics University of Illinois at Urbana-Champaign Abstract : Exploring emergent phenomena and "highly tunable" behavior in strongly correlated materials
Dec. 9	Christine A. Berven Department of Physics University of Idaho Abstract: Gas Sensing Using Gold Nanoparticle-Decorated Gallium Nitride Nanowires