

Fall 2010	
August 31	Xavi Perez-Moreno, University of Leuven, Belgium, Abstract Title: Sum-rules for (non)linear optics: more than just a bag of tricks
Sept 7	Kelvin Lynn, Washington State University, Department of Physics and Astronomy Abstract Title: Cadmium Zinc Telluride (II-VI) Semiconductor Crystals grown for high spatial and energy resolution x-ray and gamma ray detectors
Sept 14	George Bertsch, University of Washington, Department of Physics, Abstract Title: Time-dependent density functional theories in molecular and condensed matter physics
Sept 21	Xiaodong Xu, University of Washington, Department of Physics, Department of Material Science and Engineering, Abstract Title: Nanoscale Spintronics, Optoelectronics and Plasmonics
Sept 28	Catherine Cooper, Washington State University – SEES, Abstract Title: Effects of continent insulation and the partitioning of heat producing elements on the Earth's heat loss
Oct 5	Christian Ott, California Institute of Technology, Department of Physics, Abstract Title: Black Hole Formation in Failing Core-Collapse Supernovae
Oct 12	Claudio Rebbi, Boston University, Department of Physics, Abstract Title: Quantum Chromodynamics on a Space-Time Lattice
Oct 19	Gwen Barnes, University of Idaho, Department of Physics, Abstract Title: Global Survey of Lunar Regolith Depths
Oct 26	Kirk Peterson, Washington State University, Department of Chemistry, Abstract Title: State-of-the-art ab initio quantum chemistry: from kJ/mol thermochemistry towards wavenumber accuracy spectroscopy

Nov 2	Leah Bergman , University of Idaho, Department of Physics, Abstract Title: Properties of Luminescent ZnO and MgZnO
Nov 8	Baio Wu , International Center for Quantum Materials, Peking University, Abstract Title: Dynamical Universal Behavior in Quantum Chaotic Systems
Nov 9	Toby Burnett , University of Washington, Department of Physics, Abstract Title: A new window on the Universe: results from the Fermi Gamma-Ray Space Telescope's first two years.
Nov 16	Daniel Steck , University of Oregon, Department of Physics, Abstract Title: Atomic One-Way Barriers and Quantum Measurements
Nov 23	*No Colloquium* – Thanksgiving Break
Nov 30	David Brady , Duke University, Department of Electrical + Computer Engineering, Abstract Title: Terapixel Imaging Colloquium Flyer (pdf)
Dec 7	Gary S.Collins , Washington State University, Department of Physics and Astronomy, Abstract Title: Liquid gallium supercooled to 12K with formation of radioactive ^{111}In crystals