

University of Washington  
**Physics Colloquium Schedule**  
Autumn Quarter 2004



*Mondays, 4:00 P.M. Ronald Geballe Auditorium, Rm. A102*  
*Coffee & cookies at 3:45 P.M. in the lobby*  
*[www.phys.washington.edu/colloquia.htm](http://www.phys.washington.edu/colloquia.htm)*

- September 27**      **Special Colloquium honoring Professor Emeritus Frederick Brown:**  
Bruce Bunker, Notre Dame University  
"X-ray Studies of Nanoscale Structure and Function"
- October 4**            Suzanne Staggs, Department of Physics, Princeton  
"Measuring Cosmic Microwave Background Polarization with the CAPMAP Experiment"
- October 11**          Steven G. Louie, LBNL and Department of Physics, UC Berkeley  
"The Physics of Nanotubes"
- October 18**          Ann Nelson, UW Department of Physics  
"Neutrinos as a window into the Dark"
- October 25**          Gerald A. Miller, UW Department of Physics  
"Shapes of the Proton"
- November 8**          **Boris Jacobsohn Memorial Lecture & Graduate Student Invited Speaker:**  
Steve Chu, LBNL, Stanford and 1997 Nobel Prize in Physics  
"Biology as Solutions to Engineering Problems"
- November 15**        Oscar E. Vilches, UW Department of Physics  
"Why is physical adsorption of simple substances on carbon nanotube bundles potentially interesting?"
- November 22**        Angela Olinto, Chair  
Department of Astronomy and Astrophysics, University of Chicago  
"Deciphering the Extreme Universe"
- November 29**        Joseph Formaggio, Research Assistant Professor  
UW Department of Physics & Faculty Search Candidate  
"The Quest for Neutrino Mass"
- December 6**          Irfan Siddiqi, Department of Applied Physics, Yale University  
& UW Physics Faculty Search Candidate  
"Communicating with the Quantum World using a Classic Dynamical Bifurcation"