

## Nuclear Physics Seminars - 2007

Date	Speaker	Title	Host
January 8	<b>Spring Semester 2007 commences</b>		
January 12	NO SEMINAR SCHEDULED		
January 19	Vic Viola, IUCF	ISiS	Rex Tayloe
January 26	NO SEMINAR SCHEDULED		
February 2	NO SEMINAR SCHEDULED		
<b>Thursday, February 8</b>	Hirohiko Shimizu, KEK, Japan	JOINT NP/LENS SEMINAR: "Neutron Optics in Japan and their Application to Fundamental Physics"	Mike Snow
February 9	NO SEMINAR SCHEDULED		
February 16	Wei Wang, Boston University	"Studies of Non-Standard Effects in Atmospheric Neutrino Oscillations"	Rex Tayloe
February 23		"Open Discussion on Future Science at IUCF"	Rex Tayloe
March 2	Jeffrey R. Guest, Argonne National Lab	"Search for time-reversal violation with laser-trapped radium atoms"	Chen-Yu Liu
March 9	Jan Balewski, IUCF	"Role of STAR Endcap in Measurement of Angular Momentum of Partons"	Rex Tayloe
March 10	<b>Spring recess - Mar 10-18</b>		
March 23	Job Ubbink, Nestle Research Centre, Switzerland	JOINT NP/LENS/CMP SEMINAR: "Carbohydrates in Amorphous States: Molecular packing, nanostructure and interaction with water"	Duncan Kilburn
March 30	Seth Hoedl, University of Washington	"A Torsion Pendulum based Axion Search"	Chen-Yu Liu
April 6	IUCF Forum: Nuclear Physics		Rex Tayloe
<b>April 11 SW 238</b>	Raymond Bishop, University of Manchester, UK	JOINT LENS/CMP/NP SEMINAR: "Confronting the Quantum Many-Body Problem: An overview of the coupled- cluster method and its applications in physics"	Gerardo Ortiz
April 13	Albert Steyerl , University of Rhode Island	"Neutron Lifetime"	Chen-Yu Liu
April 20	George Seidel, Brown University	"Superfluid helium as a particle detector"	Chen-Yu Liu

April 27	Laura Cadonati, MIT	"Exploring the Gravitational Wave Sky with LIGO"	Chen-Yu Liu
April 30	<b>Finals Week - Apr 30 - May 4</b>		
May 18	Steve Vigdor, IUCF	"Informal Report on the Nuclear Physics Long Range Plan"	
June 22	Vladimir Anferov , IUCF	"Fishing for data in the water tank or how to analyze the data arrays with arbitrary shape"	Susan Klein
August 29	<b>Fall Semester 2007 commences</b>		
August 31	Jim Musser, IUCF	"IUCF Long Range Plan Discussion" plus Introductory Tea	Rex Tayloe
September 7	Carter Hall, University of Maryland	"Searching for double beta decay with the Enriched Xenon Observatory."	Rex Tayloe
September 14	Ilya Selyuzhenkov, Wayne State University	"Probing the fundamental symmetries and search for novel phenomena in heavy ion collisions with azimuthal correlations"	Scott Wissink
September 21	Nu Xu, Lawrence Berkeley National Lab	"Partonic Equation of State at RHIC"	Jim Sowinski
September 28	NO SEMINAR SCHEDULED – OPEN HOUSE SEPTEMBER 29		
October 5	Krishna Kumar, University of Massachusetts	"Probing the TeV Scale with Parity-Violating Electron Scattering: New Opportunities with the Jefferson Laboratory 12 GeV Upgrade"	Chuck Horowitz
October 12	NO SEMINAR - DNP2007 MEETING		
October 19	NO SEMINAR SCHEDULED		
October 26	Cynthia Keppel, Hampton University	POSTPONED	Rex Tayloe
November 2	Mikayel Dabaghyan, University of New Hampshire	"Measurement of Parity Violation in Cold Neutron Capture"	Scott Wissink
November 9	NO SEMINAR SCHEDULED		
November 16	NO SEMINAR SCHEDULED		
November 20	<b>Thanksgiving Recess - Nov 20-26</b>		
November 30	Peter Mueller, Argonne National Lab	"Simple Atoms, Exotic Nuclei: Laser Spectroscopy of ${}^6\text{He}$ and ${}^8\text{He}$ "	Chen-Yu Liu
December 7	NO SEMINAR SCHEDULED		

December 14	<b>Finals Week Dec 10-14</b>		
-------------	------------------------------	--	--