

Nuclear Physics Seminars – 2017

In 2017 the Nuclear Physics Seminar Series and High Energy Physics/Astro Seminar Series were combined, and all seminars were held on **Mondays at 4:00 pm** in the North Large Conference Room, unless otherwise noted.

Date	Speaker	Title	Host
January 9	SPRING SEMESTER COMMENCES		
February 6	Tyler Thornton, CEEM	DOCTORAL DISSERTATION DEFENSE "Dark Matter Search with the MiniBooNE detector"	
February 27	Seodong Shin, Yonsei University	HIGH ENERGY PHYSICS SEMINAR "Dark matter "collider" and a new mechanism for cosmic-ray excesses from non-minimal dark sector"	
March 11-19	SPRING BREAK		
March 20	Kevin Kelly, Northwestern University	HIGH ENERGY PHYSICS SEMINAR "New Physics Searches with DUNE and HyperK"	
March 27	Saori Pastore, Los Alamos National Laboratory	HIGH ENERGY PHYSICS SEMINAR "Many-body nuclear effects in neutrino-nucleus scattering"	
April 3	Chuck Horowitz, Indiana University, and Greg Huber, KITP, UC Santa Barbara	JOINT NUCLEAR PHYSICS/BIOPHYSICS SEMINAR "Nuclear pasta and parking-garage structures in nuclear astrophysics and cellular physics"	Sima Setayeshgar
April 10	Ramon Stucki, University of Bern	"Dispersive relations for $K S \rightarrow \gamma \gamma$"	Emilie Passemar
April 17	Ryan Mitchell, Indiana University	HIGH ENERGY PHYSICS SEMINAR "Quarks in China"	
April 24	Stefania Gori, Cincinnati University	HIGH ENERGY PHYSICS SEMINAR "Flavor perspective on heavy Higgs searches"	
May 1-5	FINALS WEEK		
Tuesday, May 16	Ho-Ung Yee, University of Illinois, Chicago	JOINT NUCLEAR PHYSICS/HIGH ENERGY PHYSICS SEMINAR "Physics of Quark-Gluon Plasma in Magnetic Field"	Jinfeng Liao
Thursday, July 20	Terence J. Tarnowsky, Los Alamos National Lab/Michigan State University	"Study of High Density Nuclear Matter Using Fixed Target Collisions at RHIC"	Scott Wissink

Wednesday, August 2	Prajwal Mohanmurthy, Massachusetts Institute of Technology	<u>"CompExII: A Pathway in Search of BSM Physics using Compton Scattering"</u>	Mike Snow
August 21	FALL SEMESTER COMMENCES		
October 2	Zbigniew Was, Institute of Nuclear Physics, PAN, Krakow	JOINT HIGH ENERGY/NUCLEAR PHYSICS SEMINAR <u>"TAUOLA: Monte Carlo (of tau lepton decays), Belle-II and Maschine Learning Perspective"</u>	Emilie Passemar
Tuesday, October 3, 4:00 pm	Klaus Peters, GSI, Darmstadt	<u>"Studies of Hadron Structure and Dynamics with the PANDA experiment at FAIR"</u>	Matt Shepherd
October 6-8	FALL BREAK		
Saturday, October 21, Ballantine Hall, 9:00 am - 3:00 pm	<u>IU SCIENCE FEST</u>		
Monday, October 23, 4:00 pm	Martin Jung, TU Munich	JOINT HIGH ENERGY/NUCLEAR PHYSICS SEMINAR <u>"Bounds in new physics from electric dipole moments"</u>	Emilie Passemar
October 27	APS DNP Meeting October 25-28		
November 19-26	THANKSGIVING BREAK		
December 11-15	FINALS WEEK		