

Nuclear Physics Seminars – 2019

In 2019 the Nuclear Physics Seminar Series were held on **Fridays at 4:00 pm** in the North Large Conference Room, unless otherwise noted.

Date	Speaker	Title	Host
January 7	SPRING SEMESTER COMMENCES		
January 18	Matthew E. Caplan, McGill University	<u>"Future Directions in Astromaterial Science"</u>	Chuck Horowitz
Thursday, January 31, SLCR 12:30 pm	Christopher Swank, Caltech	<u>"Particle Physics with Ultracold Neutrons"</u>	Chen-Yu Liu
Thursday, January 31, SLCR 2:00 pm	Marco Locatelli, CAEN Technologies Inc.	<u>"Latest Advancements in Digital Pulse Processing for Nuclear Physics"</u>	Rex Tayloe
March 10-17	SPRING BREAK		
Thursday, April 25, SLCR, 12:30 pm	Andrew Jackura, CEEM	DOCTORAL DISSERTATION DEFENSE: "Studies in Multiparticle Scattering Theory"	Adam Szczepaniak
Thursday, April 25, NLCR, 2:00 pm	Jianchun Yin, CEEM	CANDIDACY SEMINAR: "Neutrino neutron scattering in supernovae in random phase approximation"	Chuck Horowitz
April 26, NLCR, 1:00 pm	Matthew Heath, CEEM	DOCTORAL DISSERTATION DEFENSE: "A First Search for Coherent Elastic Neutrino-Nucleus Scattering with Liquid Argon"	Rex Tayloe
April 29-May 3	FINALS WEEK		
April 13	Ivan Tolstukhin, Matthew Heath, Zidu Lin and others	APS Practice talks	
April 20	Sergi Gonzalez-Solis, Institute of Theoretical Physics, CAS, Beijing	<u>"η' -> $\eta\pi\pi$ decays in unitarized resonance chiral theory"</u>	Emilie Passemar
Monday, April 23	Micah Groh, Indiana University	HIGH ENERGY PHYSICS SEMINAR Candidacy Seminar "NOvA Reconstruction and Deep Learning"	
April 30	Johnathon Jordan, University of Michigan	HIGH ENERGY PHYSICS SEMINAR <u>"First Measurement of Monoenergetic Neutrino Charged Current Interactions"</u>	Jon Urheim
April 30-May 4	FINALS WEEK		
Thursday, May 23, NLCR, 2:00 pm	Avraham Gal, The Hebrew University, Jerusalem	<u>"The Pion-nucleon Sigma Term from Pionic Atoms"</u>	Tim Londergan

August 1, SW214, 2:00 pm	Tomas Husek, CERN	<u>"Radiative corrections and form factors in Dalitz decays of π^0, η(') and Σ^0"</u>	Emilie Passemar
August 9	Shuzhe Shi, McGill University	<u>"Deciphering jet-medium interaction in heavy-ion collisions"</u>	Jinfeng Liao
August 26	FALL SEMESTER COMMENCES		
September 13	Jonghee Yoo, KAIST	<u>"Dark Matter Axion Search using 18T High Tc Superconducting Magnet"</u>	Rex Tayloe
September 20	Jason Bane, University of Tennessee	<u>"The EMC Effect for the A=3 Mirror Nuclei"</u>	Rex Tayloe
October 4	Multiple speakers	DNP Practice talks	
October 11	Dustin Keller, Jefferson National Lab	<u>"The SpinQuest Experiment at Fermilab"</u>	Mike Snow
October 18	Maximilian Hughes, Michigan State University	<u>"Precision Measurements of ^{20}F Beta Decay"</u>	Rex Tayloe
October 18-20	FALL BREAK		
Saturday, October 26, SW 9:00am-3:00pm	IU SCIENCEFEST		
November 1	Wangpeng Tan, University of Notre Dame	<u>"Neutron lifetime anomaly and consistent origin of dark matter and baryon asymmetry"</u>	Chen-Yu Liu
November 24- December 1	THANKSGIVING BREAK		
December 16-20	FINALS WEEK		