

Frontiers and Careers in Nuclear and Hadronic Physics 2023

Sunday, 29 October 2023

Research Talks: Students and Postdocs (13:50 - 15:10)

-Conveners: Yannick Wunderlich

time	[id] title	presenter
13:50	[28] Studying Two Nucleon Interactions through ρ^0 photoproduction at Jefferson Lab	SHARP, Phoebe
14:10	[30] X17 discovery potential from $\gamma d \rightarrow e+e-pn$ with neutron tagging	MOMMERS, Cornelis J.G.
14:30	[7] The all-charm tetraquark and its contribution to two photon processes	KALAMIDAS, Panagiotis

Monday, 30 October 2023

Research Talks: Research Talks: Students and Postdocs (09:25 - 10:50)

-Conveners: Phoebe Sharp

time	[id] title	presenter
09:30	[4] Improved constraints for axion-like particles from 3-photon events at e+ e- colliders	PUSTYNTSEV, Aleksandr
09:50	[9] Search for Light Dark Matter with the DarkMESA Experiment	PLURA, Saskia
10:10	[5] Scale Separation in Exotic Atoms	PITELIS, Sotiris
10:30	[14] Exploring Phase structure of the Schwinger model on superconducting Quantum Computers	NAREDI, Pranay

Research Talks (11:30 - 12:10)

-Conveners: Yannick Wunderlich

time	[id] title	presenter
11:30	[8] Study of Neutral-Pion Pair Production in Two-Photon Scattering at BESIII	LELLMANN, Max
11:50	[10] Small Angle Initial State Radiation Analysis of the Pion Form Factor at BESIII	SCHELHAAS, Yasemin

Research Talks: Research Talks: Students and Postdocs (14:10 - 15:30)

-Conveners: Yannick Wunderlich

time	[id] title	presenter
14:10	[6] Improved Limits on Lepton-Flavor-Violating Decays of Light Pseudoscalars via Spin-Dependent $\mu \rightarrow e \gamma$ Conversion in Nuclei	NOËL, Frederic
14:30	[11] Investigation of two-particle contributions to nucleon matrix elements	LI, Yan
14:50	[13] Simulating Lattice Gauge Theories with Continuous Flows	Ms PRASAD, Bhavna
15:10	[15] Lattice Chern-Simons term for (2+1)-dimensional QED	Mr HASSAN, Syed Muhammad Ali

Research Talks (16:00 - 17:00)

-Conveners: Phoebe Sharp

time	[id] title	presenter
16:00	[17] Pion and kaon transverse momentum-dependent parton distribution functions in lattice QCD	TARELLO, Jacopo
16:20	[12] Exploring Gluon Momentum Fraction in Mesons through Lattice Quantum Chromodynamics Simulations	RODRIGUEZ CHACON, Luis Alberto
16:40	[18] The Plasma Window as a Vacuum-Atmosphere Interface for Measurements of Stellar Neutron-Induced Reaction Cross Sections	RUIMI, Ophir