

WNPPC2023 - 60th Winter Nuclear Particle Physics Conference

Sunday, 19 February 2023

February 19 Morning Session: Nuclear Physics 2 - KC 303 (08:30 - 10:15)

-Conveners: Gwen Grinyer

time	[id] title	presenter
08:30	[89] Using Neutrons for Material Research	Dr BERG, Marcella
09:00	[2] The KDK Experiment: A novel measurement of Λ for rare-event searches and geochronology	HARIASZ, Lilianna
09:15	[9] Constraining the ^{90}Sr Neutron Capture Rate with the Short-Lived ^{91}Sr Nucleus	GREAVES, Beau
09:30	[25] How to consistently use modern nuclear forces in an ab initio technique	CURRY, Ryan
09:45	[57] Development of the Detector Array for Energy Measurement of Neutrons (DAEMON)	AHMED, Zarin Tasnim
10:00	[16] Global Analysis of the Protons Elastic Form Factors in the Space-like Region	MCRAE, Craig

February 19 Morning Session: Computation & Instrumentation - KC 303 (10:30 - 11:30)

-Conveners: David Curtin

time	[id] title	presenter
10:30	[67] Study of W Boson Production in Association with Two Jets using Boosted Decision Trees on Data Collected by the ATLAS Detector.	SMITH, Matthew
10:45	[68] Core-collapse Supernova Constraint on the Origin of Sterile Neutrino Dark Matter via Neutrino Self-interactions	CHEN, Yu-Ming
11:00	[43] MUTE: A Modern Calculation for Deep Underground and Underwater Muons	WOODLEY, William
11:15	[14] New model on nucleation efficiency of bubble chamber detectors	LI, Xiang

February 19 Morning Session: Awards and Closing Remarks - KC 303 (11:45 - 12:15)

time	[id] title	presenter
11:45	Coffee	