

IOP Joint APP, HEPP and NP Annual Conference 2024

Monday, 8 April 2024

Exhibitors and Posters Reception - I (18:00 - 20:00)

time	[id] title	presenter
18:00	[242] Isomeric and Beta Decays in the Neutron-Rich N=126 Region	BARTRAM, Gee
18:00	[246] Experimental Investigation of High-K Isomer Decays in Neutron-Rich 183,184Hf isotopes Using the KISS Facility	DOSHI, Siddharth
18:00	[216] Exploring Proton Structure: Gluon TMDs at ATLAS	HAGAN, Alina
18:00	[215] Measurement of Nuclear Schiff Moment in 199Hg	WHITE, Dylan
18:00	[214] Commissioning the Isolde Solenoidal Spectrometer with a measurement of the (d,p) ²³ Ne reaction	JONES, Ben
18:00	[213] Examining the north-west limit of octupole correlations in the light-actinide region using alpha decay spectroscopy	HOGG, Ben
18:00	[212] Exploring unphysical quadrupole triaxiality in 200,202Hg using Coulomb Excitation	WILLMOTT, Gregory
18:00	[211] Optimising Phenomenological Optical Model Parameters to Reproduce Reaction Cross Sections using Particle Swarm Optimisation and a Feed-Forward Neural Network	SULLIVAN, Samuel
18:00	[210] A Time-Dependent Wave-Packet Approach to the 12C + 12C Reaction Using DC-TDHF Potentials.	CLOSE, Grant
18:00	[209] Elucidating Strangeness with electromagnetic probes	ACAR, Asli
18:00	[208] A Study on Dose Monitoring in Carbon Therapy Using Secondary Protons	ALSUBAYAE, Shaikah Moslat M
18:00	[207] Measurement of the production cross section for the single top quark in association with a Z boson at the ATLAS detector	PLEBANI, Alberto
18:00	[206] The 2023 MUonE Test Run	DEVANNE, Clement
18:00	[204] Neutron Beams at Birmingham: HF-ADNeF	BROOKS, Alex
18:00	[203] OpenMC simulations of the UoB HF-ADNeF for Medical Isotope Production	CONROY, Maxwell
18:00	[202] The current status of Jet measurements from Run 3 at ALICE	JONES, Daniel Matthew
18:00	[201] Measurement of the V _{cb} element of the CKM matrix in ttbar decays with the ATLAS detector	GHANI, Mo
18:00	[200] Analysis of particle/nuclei cross sections within neutrino generator final state interaction models	PEACOCK, Tom
18:00	[197] Progress on designing a beta-gamma detection system for criticality monitoring of spent nuclear fuel rods and operational nuclear reactors	POULTON, Sifa Elizabeth
18:00	[196] An overview of the Miniball spectrometer at ISOLDE	BROWNE, Frank
18:00	[195] Beam Studies using a Cherenkov Diffraction based Beam Position Monitor in the AWAKE common beamline	SPEAR, Bethany
18:00	[194] Investigating Charge Sharing Effect in HVCMOS Silicon Detectors during Carbon Ion Beam Therapy	ALQAHTANI, Fajer

18:00	[193] First operation of an ACHINOS equipped Spherical Proportional Counter with individual anode read-out	MILLINS, Lex
18:00	[192] Assembly and QA/QC of the readout electronics for the DarkSide-20k veto photodetector modules	ROGERS, Giovanni
18:00	[191] The VELO Monitoring during the Run-III	LI, Lanxing
18:00	[190] Calculation of Neutron Production in (alpha, n) Reactions with SOURCES4 and ONYSC	KRAWCZUN, Piotr
18:00	[189] Light simulation optimisation for the DarkSide-20k detector	GAWDZIK, Andrzej
18:00	[188] Using U-nets for the Application of Machine Learning to Improve Acquisition Times for Muography	O'DONNELL, William