

DPF - PHENO 2024

Monday 13 May 2024

Instrumentation: Accelerators and Instrumentation - David Lawrence Hall 207 (14:00 - 15:30)

-Conveners: dorival Gonçalves

time	[id] title	presenter
14:00	[465] Cosmic Muon Explorer: A Portable Detector for On-Site Measurements and Outreach	ELANGO VAN, Yuvaraj
14:15	[614] A high efficiency cosmic ray muon detector for the Mu2e experiment	GRANT, Samuel
14:30	[481] Measurements of a LYSO Crystal Array for a Rare Pion Decay Experiment	HERTZOG, David
14:45	[740] Radiative corrections to low energy electron proton scattering	CROWE, Daniel
15:00	[379] Pair Production and Hadron Photoproduction Backgrounds at Cool Copper Collider (C3) accelerator	MOHAMMADI, Abdollah
15:15	[758] -	

Wednesday 15 May 2024

Instrumentation: Neutrinos, Dark Matter, and Scintillation - Barco Law Building 111 (14:00 - 15:30)

-Conveners: Andreas Werner Jung

time	[id] title	presenter
14:00	[338] Water-based Liquid Scintillator R&D effort at BNL towards a large-scale neutrino detector	YANG, Guang
14:15	[635] Towards a Kilotonne-Year Exposure in Liquid Xenon	KOPEC, Abigail
14:30	[393] Measuring Optical Properties in Liquid Xenon with LIXO2	Dr WANG, Wei
14:45	[738] NuDot, R&D testbed for future large-scale neutrino detectors	SARFRAZ, Masooma
15:00	[516] Optimization of high resolution 3D charge reconstruction in gaseous TPCs with strip micromegas	GHREAR, Majd
15:15	[383] Measurement of refractive index of phenyl-based scintillators before and after irradiation	AAMIR, Muhammad Yusuf

Instrumentation: ATLAS and CMS - Barco Law Building 109 (16:00 - 17:30)

-Conveners: Zhi Zheng

time	[id] title	presenter
16:00	[599] Assembly and Testing of ATLAS ITk pixel detector modules	KIM, Doyeong
16:15	[657] Ambiguity Resolution for Event Filter Tracking in ATLAS for the HL-LHC	ROSSER, Benjamin John
16:30	[489] From Components to Cohesion: ATLAS ITk Inner System Assembly and Testing	YOUNG, Nathan Dale
16:45	[577] gFEX Algorithm Validation and Early Performance in the ATLAS Detector	CARROLL, Anthony Maurel
17:00	[404] Silicon Module Assembly for CMS High Granularity Calorimeter	MURTHY, Sindhu
17:15	[771] -	