Session Program

13-17 May 2024

DPF-PHENO 2024

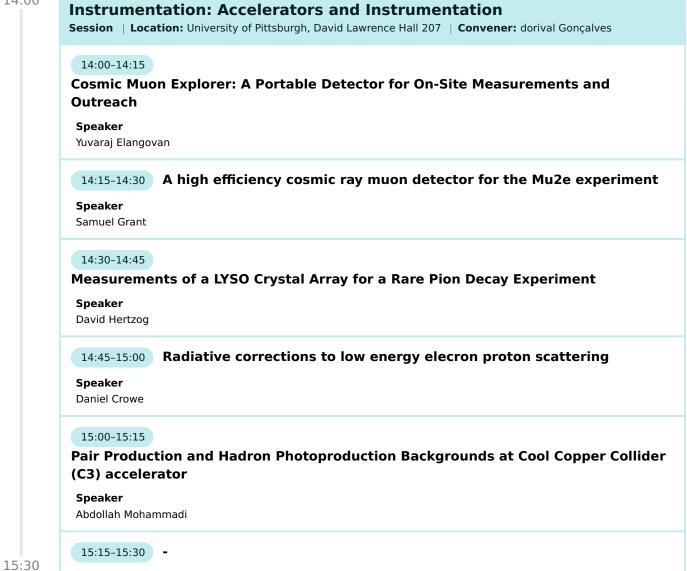
DPF - PHENO 2024

Instrumentation

University of Pittsburgh / Carnegie Mellon University

Monday 13 May

14:00



Wednesday 15 May

14:00

Instrumentation: Neutrinos, Dark Matter, and Scintillation

Session | Location: University of Pittsburgh, Barco Law Building 111 | Convener: Andreas Werner Jung

14:00-14:15

Water-based Liquid Scintillator R&D effort at BNL towards a large-scale neutrino detector

Speaker

Guang Yang

14:15-14:30 Towards a Kilotonne-Year Exposure in Liquid Xenon

Speaker

Abigail Kopec

14:30-14:45 Measuring Optical Properties in Liquid Xenon with LIXO2

Speaker

Dr Wei Wang

14:45-15:00 NuDot, R&D testbed for future large-scale neutrino detectors

Speaker

Masooma Sarfraz

15:00-15:15

Optimization of high resolution 3D charge reconstruction in gaseous TPCs with strip micromegas

Speaker

Majd Ghrear

15:15-15:30

Measurement of refractive index of phenyl-based scintillators before and after irradiation

Speaker

Muhammad Yusuf Aamir

15:30 16:00

Instrumentation: ATLAS and CMS

Session | Location: University of Pittsburgh, Barco Law Building 109 | Convener: Zhi Zheng

16:00-16:15 Assembly and Testing of ATLAS ITk pixel detector modules

Speaker

Doyeong Kim

16:15-16:30

Ambiguity Resolution for Event Filter Tracking in ATLAS for the HL-LHC

Speaker

Benjamin John Rosser

16:30-16:45

From Components to Cohesion: ATLAS ITk Inner System Assembly and Testing

Speaker
Nathan Dale Young

16:45-17:00
gFEX Algorithm Validation and Early Performance in the ATLAS Detector
Speaker
Anthony Maurel Carroll

17:00-17:15 Silicon Module Assembly for CMS High Granularity Calorimeter
Speaker
Sindhu Murthy

17:15-17:30 -

17:30