Session Program

13-17 May 2024

DPF - PHENO 2024

Computing, Analysis Tool and Data Handling

University of Pittsburgh / Carnegie Mellon University

Sunday 12 May

16:00

Computing, Analysis Tool and Data Handling
Session | **Location:** University of Pittsburgh, David Lawrence Hall 105 | **Convener:** Ahmed Youssef

16:00–16:15
ARCANE Reweighting: A Solution to the Negative Weights Problem in Collider Monte Carlo

Speaker
Prasanth Shyamsundar

Location
University of Pittsburgh, David Lawrence Hall 105

16:15–16:30
A Matrix-Based Approach for Jet-Parton Assignment Leveraging Mass and Momentum Using CMS Open Data

Speaker
Eric Reinhardt

Location
University of Pittsburgh, David Lawrence Hall 105

16:30–16:45   Resolving Combminatorial Problems with Quantum Algorithms

Speaker
Jacob Scott

Location
University of Pittsburgh, David Lawrence Hall 105

16:45–17:00
Multi-vertex jet trigger at ATLAS' upgrade for HL-LHC using Boosted Decision Trees on FPGAs

Speaker
Santiago Cane

Location
University of Pittsburgh, David Lawrence Hall 105

17:00–17:15
Data Quality Monitoring for the HL-LHC Upgrade to the CMS Outer Tracker

Speaker
Brandi Nicole Skipworth

Location
University of Pittsburgh, David Lawrence Hall 105

17:15–17:30   -

Location

17:30