

Session Program

8-10 Apr 2026



IOP Joint APP and HEPP Annual Conference 2026

Parallel - machine learning/reconstruction

John McIntyre Conference Centre
Pollock Halls, 18 Holyrood Park Rd, Edinburgh EH16 5AY

Friday 10 April

11:00

Parallel - machine learning/reconstruction: Friday Salisbury

Session | Location: Salisbury | Convener: Lucien Heurtier

11:00-11:15

Particle-Based Representation Learning for Anomaly Detection in the CMS High-Level Trigger

Speaker

Mehrnoosh Moallemi

11:15-11:30

Boosted Top Jet Tagging Based on LundNet

Speaker

Yuanda Zhu

11:30-11:45

Quantum Computing for Particle Physics: Simulation and Machine Learning

Speaker

Callum Duffy

11:45-12:00

A Hadronic Tau Preselection in the ATLAS detectors High Level Trigger

Speaker

Joel Davidson

12:30