

## **Session Program**

**8-10 Apr 2026**



# **IOP Joint APP and HEPP Annual Conference 2026**

## ***Parallel - detectors***

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

# Wednesday 8 April

15:45

## Parallel - detectors: Wednesday Holyrood

**Session** | **Location:** Holyrood | **Convener:** Deb Sankar Bhattacharya

15:45-16:00

### The Beam Momentum Spectrometer Stations for the MUonE experiment

**Speaker**

Giorgia Cacciola

16:00-16:15

### A Novel Cherenkov Radiator for Particle Identification

**Speaker**

Henry James Linton

16:15-16:30

### Phase-2 CMS ECAL APD Spike Rejection Studies Using 2021 and 2025 Test Beam Data

**Speaker**

Jakub Andrzej Gajownik

16:30-16:45

### Materials screening at Boulby Underground Laboratory

**Speaker**

Alice Hamer

16:45-17:00

### Inter-Channel Timing Variations in RICH MAPMTs

**Speaker**

Callum James White

17:00-17:15

### Commissioning of the CMS Phase-2 Tracker Cosmic Test Stand

**Speaker**

Andrew Mastronikolis

17:15-17:30

### Performance studies of the ePIC Barrel Tracking Detector for the Electron-Ion Collider

**Speaker**

Athavan Ramalingam

17:45

# Thursday 9 April

10:45

## Parallel - detectors: Thursday Duddingston

**Session** | **Location:** Duddingston | **Convener:** Alice Hamer

10:45-11:00 **The FastRICH ASIC for a time resolved LHCb RICH**

**Speaker**

George Ramsey

11:00-11:15 **Pulse Shape Analysis for Low Radioactivity Material Screening**

**Speaker**

Difei Xu

11:15-11:30

**The LHCb Mighty Tracker pixel sensor characterisation and multi-module serial powering prototyping**

**Speaker**

Daniel Foulds-Holt

11:30-11:45 **Preparing for DarkSide-20k veto photodetector installation**

**Speaker**

Isobel Sargeant

11:45-12:00 **RadPix: A High-Voltage CMOS Sensor for the LHCb Upgrade**

**Speaker**

Karol Hennessy

12:00

## Friday 10 April

11:00

### Parallel - detectors: Friday Holyrood

Session | Location: Holyrood | Convener: Emma Ellingwood

11:00-11:15

#### The LHCb Mighty Tracker: Thermo-mechanical design and prototype testing.

**Speaker**

Mr Bilal Ganie

11:15-11:30

#### Testing stitched devices for the upcoming ALICE ITS3: results of babyMOSS chip characterisation at a test beam

**Speaker**

Alessandro Sturniolo

11:30-11:45

#### Benchmarking SRO Performance of CAEN Digitizers

**Speaker**

Matteo Bianchini

11:45-12:00

#### Physics studies for the Muon Collider target system.

**Speaker**

William Bishop

12:00-12:15

#### Flexible Organic Semiconductor Radiation Sensors for use in Industry and Particle Physics

**Speaker**

Albanik Gashi

12:30