

## **Session Program**

**8-10 Apr 2026**



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

## ***Parallel - colliders***

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

# Wednesday 8 April

15:45

## Parallel - colliders: Wednesday Prestonfield

Session | Location: Prestonfield | Convener: Sara Alderweireldt

15:45-16:00

### Run 3 measurement of tau identification performance in $t\bar{t}$ events with the G $\tau$ algorithm in ATLAS

**Speaker**

Sudev Pradhan

16:00-16:15

### Constraining top-sector EFT effects with combined associated top-quark production measurements at ATLAS

**Speaker**

Betsy Cunnett

16:15-16:30

### Opposite-sign WW production with Run3 data in ATLAS

**Speaker**

Alberto Plebani

16:30-16:45

### Search for Di-Higgs Pair Production in the $b\bar{b}t\bar{t}$ decay channel using Run2+Run3 Data with the ATLAS Detector at the LHC.

**Speaker**

Bhupesh Dixit

16:45-17:00

### Searching for BSM Higgs bosons in the $b\bar{b}WW$ final state at the ATLAS detector

**Speaker**

Rachel Ashby Pickering

17:00-17:15

### ML based Jet Calibration for HL-LHC

**Speaker**

Snigdho Chakraborty

17:45

# Friday 10 April

11:00

## Parallel - colliders: Friday Pentland

**Session** | **Location:** Pentland | **Convener:** Daniel Foulds-Holt

11:00-11:15 **Everything Quantum**

**Speaker**

Ivo Young

11:15-11:30

**A Search for Z' Dilepton Resonances Using the ATLAS Detector in Run 3 at the LHC**

**Speaker**

Tom Elliot

11:30-11:45

**Measuring the Binned CP Asymmetry in B to K mu mu**

**Speaker**

Juan Jose Juan Castella

11:45-12:00

**A search for displaced tau production from long-lived particles at the ATLAS experiment**

**Speaker**

Alex Veltman

12:00-12:15

**Analysis of  $\Lambda_b \rightarrow \Lambda h+h-$  decays at LHCb in Run 3**

**Speaker**

George Hallett

12:30