

Session Program

8-10 Apr 2026



IOP Joint APP and HEPP Annual Conference 2026

Parallel - detectors 2

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

Thursday 9 April

10:45

Parallel - detectors 2: Thursday Pentland

Session | Location: Pentland | Convener: Alessandro Sturmiolo

10:45-11:00

Single-Electron Gas Characterisation for Dark Matter Searches using Spherical Proportional Counters

Speaker

Peter Walters

11:00-11:15

Novel Mass Measurement Methods using the LHCb RICH Detectors

Speaker

Michael James Kane

11:15-11:30

Cryogenic characterization of the DarkSide-20k veto photo-detector units

Speaker

Emma Ellingwood

11:30-11:45

Ultra-pure copper electroforming at Boulby deep underground laboratory

Speaker

Giovanni Rogers

11:45-12:00

Tyvek reflectance study for the outer detector of the Hyper-Kamiokande experiment.

Speaker

Sania Lewis

12:00