

## **Session Program**

**8-10 Apr 2026**



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

## ***Parallel - neutrinos***

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

# Wednesday 8 April

15:45

## Parallel - neutrinos: Wednesday Pentland

Session | Location: Pentland | Convener: Miquel Nebot-Guinot

15:45-16:00

### Improving Final-State Interaction Modelling with INCL++ in the NEUT Event Generator

**Speaker**

Tom Peacock

16:00-16:15

### Searches for Beyond the Standard Model physics with e+e- signatures in MicroBooNE

**Speaker**

Joseph Bateman

16:15-16:30

### Neutron detection using the T2K ND280 Electromagnetic Calorimeters

**Speaker**

Hannah Alarackia-Charles

16:30-16:45

### The NOvA Test Beam Program

**Speaker**

Emerson Bannister

16:45-17:00

### The NEXT experiment: Results from the NEXT-100 detector

**Speaker**

John Waiton

17:45

# Thursday 9 April

10:45

## Parallel - neutrinos: Thursday Holyrood

Session | Location: Holyrood | Convener: Daria Santone

10:45-11:00 **The helium recycling system for SuperNEMO**

**Speaker**

Penghui Li

11:00-11:15

**Detector and background modelling for neutrinoless double beta decay searches in LEGEND**

**Speaker**

Toby Dixon

11:15-11:30

**Efficient sampling for the precision era of neutrino experiments**

**Speaker**

Hank Hua

11:30-11:45

**Latest collider neutrino measurements with the FASER detector**

**Speaker**

Sinead Eley

11:45-12:00

**Maximising MicroBooNE's sensitivity to Heavy Neutral Leptons produced in the NuMI beam**

**Speaker**

Magnus Handley

12:00

## Friday 10 April

11:00

### Parallel - neutrinos: Friday Duddingston

Session | Location: Duddingston | Convener: William Quinn

11:00-11:15

#### Searches for Light Dark Matter and Evidence of Coherent Elastic Neutrino-Nucleus Scattering of Solar Neutrinos with the LUX-ZEPLIN (LZ) Experiment

**Speaker**

Leah Wolf

11:15-11:30

#### Simulation studies for the nuSTORM facility

**Speaker**

WONJONG CHANG

11:30-11:45

#### $\beta$ Backgrounds Using the 1-Electron Channel in SuperNEMO

**Speaker**

Gill Turnbull

11:45-12:00

#### Latest developments in near detector analyses at T2K

**Speaker**

Dominic Langridge

12:30