

## **Session Program**

**7-9 Apr 2025**

# **IOP Joint APP and HEPP Annual Conference 2025**

## ***Plenaries***

Cavendish Laboratory, University of Cambridge  
JJ Thomson Avenue Cambridge CB3 0HE UK

# Monday 7 April

11:30

## Plenaries

**Session** | **Location:** Ray Dolby Auditorium (A1.015-A2.015) | **Convener:** Ryan James Nichol

11:30-12:30 **Particle Physics Today and Tomorrow**

**Speaker**  
Mark Thomson

12:30

13:30

## Plenaries

**Session** | **Location:** Ray Dolby Auditorium (A1.015-A2.015) | **Convener:** Andy Buckley

13:30-14:00 **Electroweak-scale physics at the LHC and beyond**

**Speaker**  
Chris Pollard

14:00-14:30 **Collider phenomenology, EFTs and future prospects**

**Speaker**  
Tevong You

14:30-15:00 **Gravitational Waves updates**

**Speaker**  
Patricia Schmidt

15:00

# Tuesday 8 April

09:00

**Plenaries**  
**Session** | **Location:** Ray Dolby Auditorium (A1.015-A2.015) | **Convener:** Amy Cottle

09:00–09:30 **Formal theory developments**

**Speaker**  
 Mariana Carrillo Gonzalez

09:30–10:00 **QTFP physics impact**

**Speaker**  
 Ashlea Amanda Kemp

10:00–10:30 **Axion Experiment and Theory**

**Speaker**  
 David Marsh

10:30

11:00

**Plenaries**  
**Session** | **Location:** Ray Dolby Auditorium (A1.015-A2.015) | **Convener:** Victoria Martin

11:00–11:30 **WIMPs and wellbeing: setting limits without exceeding your own**

**Speaker**  
 Sally Shaw

11:30–12:00 **EDIA plenary**

**Speaker**  
 Dr Sheila Kanani

12:00

15:30

**Plenaries: EPPSU ECR Session**  
**Session** | **Location:** Ray Dolby Auditorium (A1.015-A2.015) | **Convener:** Harriet Watson

15:30–16:00 **EPPSU ECR Session**

**Speakers**  
 Aidan Wiederhold, Alison Elliot, Harriet Watson, Patrick Dougan

16:00

# Wednesday 9 April

09:00

## Plenaries

**Session** | **Location:** Ray Dolby Auditorium (A1.015-A2.015) | **Convener:** Tina Potter

09:00–09:30 **Latest news from Boulby**

**Speaker**  
Sean Paling

09:30–10:00 **Lattice QCD and BSM update**

**Speaker**  
Davide Vadacchino

10:00–10:30 **Long-lived particles at accelerators**

**Speaker**  
Dr Anne-Marie Magnan

10:30

13:30

## Plenaries

**Session** | **Location:** Ray Dolby Auditorium (A1.015-A2.015) | **Convener:** Tracey Berry

13:30–14:00 **LHC upgrades: machine, detectors, and sustainability**

**Speaker**  
Andreas Korn

14:00–14:30 **Neutrino experimental updates**

**Speakers**  
Patrick James Dunne, Patrick James Dunne

14:30–15:00 **Quark and lepton flavour physics**

**Speaker**  
William Barter

15:00

15:30

## Plenaries

**Session** | **Location:** Ray Dolby Auditorium (A1.015-A2.015) | **Convener:** Peter Millington

15:30–16:00 **Multimessenger Update**

**Speaker**  
Ellis Owen

16:00–16:30 **Dark matter direct searches**

**Speaker**  
Adam Brown

16:30