

Session Program

Jun 9 - 13, 2025



WIN 25

Special

University of Sussex, Jubilee Building
Falmer, Brighton BN1 9SN

Mon, June 9

9:00 AM

Special: Welcome & Introduction

Session | **Location:** University of Sussex, Jubilee Lecture Theatre | **Conveners:** Lily Asquith, Jeffrey John Hartnell

9:00 – 9:05 AM **Welcome to WIN**

Speaker

Lily Asquith

9:05 – 9:10 AM **Welcome from the Dean of Science, Engineering, and Medicine**

Speaker

Luc Moreau

9:20 – 9:30 AM **Practical Information**

Speaker

Jeffrey John Hartnell

9:30 AM

5:10 PM

Special: Welcome Reception & Posters

Session | **Location:** University of Sussex, Jubilee Building, Falmer, Brighton BN1 9SN

5:10 – 5:11 PM

The Supernova Early Warning System (SNEWS) v2.0: a supernova neutrino alert and followup system

Speaker

Alec Thomas Habig

5:11 – 5:12 PM

Modelling Radiogenic Backgrounds for Future Dark Matter Searches at XLZD

Speaker

Trinity Stenhouse

5:13 – 5:14 PM

Precision measurement of the branching fraction for the decay ψ to $\tau\tau$

Speaker

Jiangyong Zhang

5:14 – 5:15 PM

Search for new physics with charm rare decays at BESIII

Speaker

Tianyou Li

5:15 – 5:16 PM

CUPID, the next-generation $0\nu\beta\beta$ bolometric experiment

Speaker

Mariia Buchynska

5:18 – 5:19 PM

Neutrino oscillation physics in JUNO

Speaker

Vanessa Cerrone

5:19 - 5:20 PM

Unveiling the Majorana Nature of Neutrinos: Towards LEGEND-1000**Speaker**

Mario Schwarz

5:21 - 5:22 PM

The SNO+ Tellurium Deployment Programme**Speaker**

Benjamin Tam

5:24 - 5:25 PM

Imaginary as a resource in Neutrino Systems**Speaker**

Neetu Raj Singh Chundawat

5:25 - 5:26 PM

Real-time Wiener Deconvolution Algorithm on FPGA for Neutrino Physics**Speaker**

Lorenzo Lastrucci

5:28 - 5:33 PM

Simulating LiquidO detectors for prototype research and development**Speaker**

Ben Cattermole

5:33 - 5:38 PM

Muon tracking in a LiquidO opaque scintillator detector**Speaker**

Max de Carlos Generowicz

5:38 - 5:43 PM

Characterisation of a planar opaque LiquidO detector with cosmic-ray muons**Speaker**

Jess Lock

5:55 - 6:00 PM

AntiMatter-OTech: A large scale LiquidO neutrino detector for reactor monitoring**Speaker**

Adam Wong

6:00 - 6:05 PM

Rock muons at the DUNE Near Detector**Speaker**

Eva Sabater Andres

6:05 - 6:10 PM

Multi-Faceted GeV Neutrino Detection in LiquidO**Speakers**

Pierre Lasorak, Jeffrey John Hartnell

7:10 PM

Thu, June 12

6:00 PM

9:00 PM

Special: Conference Dinner

Session | **Location:** Shelter Hall, SHELTER HALL, Kings Road Arches, Brighton BN1 1NB

Fri, June 13

4:00 PM

4:30 PM

Special: Wrap & Poster Prize

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