

Session Program

9-13 Jun 2025



WIN 25

Special

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

Monday 9 June

09:00

Special: Welcome & Introduction

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

09:00–09:05

Welcome from the Dean of Science, Engineering, and Medicine

09:05–09:15

Practical Information

09:15–09:25

About WIN

09:30

17:10

Special: Welcome Reception & Posters

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

17:10–17:11

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

Speaker

Alec Thomas Habig

17:11–17:12

Modelling Radiogenic Backgrounds for Future Dark Matter Searches at XLZD

Speaker

Trinity Stenhouse

17:13–17:14

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

Speaker

Jiangyong Zhang

17:14–17:15

Search for new physics with charm rare decays at BESIII

Speaker

Tianyou Li

17:15–17:16

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

Speaker

Mariia Buchynska

17:18–17:19

Neutrino oscillation physics in JUNO

Speaker

Vanessa Cerrone

17:19–17:20

Unveiling the Majorana Nature of Neutrinos: Towards LEGEND-1000

Speaker

Mario Schwarz

17:21–17:22

The SNO+ Tellurium Deployment Programme

Speaker

Benjamin Tam

17:24–17:25

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

Neetu Raj Singh Chundawat

17:25–17:26

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

Lorenzo Lastrucci

17:28–17:33

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

Ben Cattermole

17:33–17:38

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

Max De Carlos Generowicz

17:38–17:43

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

Jess Lock

17:55–18:00

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

Adam Wong

18:00–18:05

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

Eva Sabater Andres

18:05–18:10

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

Prof. Jeffrey John Hartnell, Pierre Lasorak

19:10

Thursday 12 June

18:00

21:00

Special: Conference Dinner

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

Friday 13 June

16:30

17:00

Special: Wrap & Poster Prize

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