

Session Program

Jun 9 - 13, 2025



WIN 25

Special

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

Tue, June 10

11:00 AM

Special: Detector Development

Session | Location: Jubilee Lecture Theatre | Convener: Lily Asquith

11:00 - 11:15 AM **Water-based quantum dots liquid scintillator for neutrino physics**

Speaker

Teppei Katori

11:15 - 11:30 AM

Detector Calibration for the Short-Baseline Near Detector at Fermilab

Speaker

Lynn Tung

11:30 - 11:45 AM

Research activities for a next generation neutrino mass measurement: KATRIN++

Speaker

Alexander Marsteller

11:45 AM - 12:00 PM

First Cavity Cyclotron Radiation Emission Spectrometer for the Project 8 neutrino mass experiment

Speaker

Juliana Stachurska

12:00 - 12:15 PM

The NOvA Test Beam Program

Speaker

Emerson Bannister

12:15 - 12:30 PM

Atmospheric neutrino oscillations with the IceCube Upgrade

Speaker

Jan Weldert

12:30 PM

3:30 PM

Special: Reconstruction & Machine Learning

Session | Location: Jubilee Lecture Theatre | Convener: Lily Asquith

3:30 - 3:45 PM

EM Shower Identification Reconstruction with Testbeam 2023 at the FASERnu experiment

Speaker

Yuxiao Wang

3:45 - 4:00 PM

SBND-PRISM: Sampling Multiple Off-Axis Neutrino Fluxes with the SBND Detector

Speaker

Vincent Basque

4:00 - 4:15 PM

Recent Advancements in Machine Learning Techniques Utilised by NOvA

Speaker

Alexander Craig Booth

4:15 - 4:31 PM

Delayed Electron Mitigation in the RELICS Experiment with Deep Neural Network based Position Reconstruction

Speaker

Xiaoran Guo

5:00 PM