Session Program

Feb 12 – 15, 2026

WNPPC2026 - 63rd Winter Nuclear & Particle Physics Conference

Neutrino Physics

Banff, Alberta, Kinnear Centre Room (KC 303)

Fri, February 13

10:15 AM

Neutrino Physics: EDI and Neutrino Physics

Session | **Location:** Banff, Alberta, Kinnear Centre Room (KC 303), | **Convener:** Heather Russell

10:15 – 10:45 AM **EDI in Physics**

Speaker
Prof. Rowan Thomson

10:45 – 11:00 AM

Time-Charge HEALPix Direction Reconstruction Fitter for Supernova Neutrinos in Super-Kamiokande

Speaker
Nikolas Boily

11:00 – 11:15 AM **Design and construction of the first P-ONE detector line**

Speaker
Ben Nührenbörger

11:15 – 11:30 AM

Creating accurate optical module models in IceTray for the Pacific Ocean Neutrino Experiment

Speaker
Bennett Winnicky-Lewis

11:30 AM

Sat, February 14

5:30 PM

Neutrino Physics

Session | **Location:** Banff, Alberta, Kinnear Centre Room (KC 303), | **Convener:** Erica Caden

5:30 – 6:00 PM

Understanding neutrinos with accelerator beams and liquid argon time-projection chambers: ICARUS and DUNE

Speaker
Bruce Howard

6:00 – 6:15 PM

Energy Calibration Studies for the Reactor Antineutrino Search at SNO+

Speaker
Anthony Allega

6:15 – 6:30 PM

Scintillator Phase Deployment of the 'Laserball' Optical Calibration Source in SNO+

Speaker
Jamie Grove

6:30 – 6:45 PM

Combining PYTHIA and Geant4 for High-Energy Event Simulation in Neutrino Telescopes

Speaker
Karen Rodriguez

6:45 – 7:00 PM

Pion Photoproduction Analysis in the Water Test Cherenkov Experiment (WCTE)

Speaker
Rituparna Banerjee

7:00 – 7:15 PM

βNMR Spectroscopy of Ta films for the BeEST Sterile Neutrino Search

Speaker
Maisy Willett

7:15 PM