Session Program

Feb 12 – 15, 2026

WNPPC2026 - 63rd Winter Nuclear & Particle Physics Conference

Electroweak Physics

Banff, Alberta, Kinnear Centre Room (KC 303)

Fri, February 13

8:45 PM

Electroweak Physics: Electroweak Physics

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

8:45 – 9:00 PM

Forward Correction for Real-Time Processing of ATLAS Liquid Argon Calorimeter Signals

Speaker
Eli Cohen

9:00 – 9:15 PM

Enhanced Background Modelling and Signal Extraction for Electroweak Zjj Measurements with ATLAS

Speaker
Ishan Vyas

9:15 – 9:30 PM

Mass Sensitivity Study of Boosted b-jet Reconstruction with Muon-in-Jet Corrections and Regressed Models

Speaker
Talia Saarinen

9:30 – 9:45 PM

Background Systematics in $HH\rightarrow b\bar{b}b\bar{b}$ gluon-gluon fusion

Speaker
Alex Bunka

9:45 PM

Sat, February 14

10:45 AM

Electroweak Physics

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

10:45 – 11:00 AM

Semileptonic B meson Tagging with Missing Energy: Performance of Full Event Interpretation Algorithm at Belle II

Speaker
Pranav Prasad

11:00 – 11:15 AM

The MOLLER Experiment: Probing Electroweak Dynamics via Parity-Violating Electron Scattering

Speaker
Brynne Blaikie

11:15 AM

7:15 PM

Electroweak Physics

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

7:15 – 7:30 PM

Radiation Shielding Design for the MOLLER Spectrometer Coils at Jefferson Lab

Speaker
Nazanin Roshanshah

7:30 PM

Sun, February 15

12:00 PM

Electroweak Physics: Electroweak physics

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

12:00 – 12:30 PM **HEP for AI and AI for HEP**

Speaker
Yonatan Kahn

12:30 PM