Session Program

Feb 12 – 15, 2026

WNPPC2026 - 63rd Winter Nuclear & Particle Physics Conference

Nuclear structure

Banff, Alberta, Kinnear Centre Room (KC 303)

Thu, February 12

7:15 PM

Nuclear structure: Nuclear structure 1

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

7:15 – 7:45 PM **Fundamental Physics with Ultracold Neutrons at TRIUMF**

Speaker
Noah Yazdandoost

7:45 – 8:00 PM **Beta-Delayed Charged-Particle Emmission From 20Mg**

Speaker
Sydney Plante

8:00 – 8:15 PM **Lifetime of a muon bound to a light nucleus**

Speaker
Artem Davydov

8:15 – 8:30 PM **DLC-coated guides for the TUCAN EDM experiment**

Speaker
Abeer Zahra

8:30 – 8:45 PM
Development of next generation ultra cold neutron detectors to measure electric dipole moment of neutrons by TUCAN

Speaker
Mr . TUSHAR

8:45 PM

Fri, February 13

7:30 PM

Nuclear structure: Nuclear Structure

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

7:30 – 7:45 PM

A Coincidence Algebra Bundle for Decay Quivers: An Algebraic Approach to Gamma-ray Spectroscopy.

Speaker
Liam Schmidt

7:45 – 8:00 PM **Study of Multiple Shape Coexistence in 110Cd**

Speaker
Samantha Lange

8:00 – 8:15 PM

Evidence for shape coexistence in ^{120}Sn from the first 0^+_3 lifetime measurement

Speaker
Frank (Tongan) Wu

8:15 PM

Sat, February 14

11:15 AM

Nuclear structure

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

11:15 – 11:30 AM

Determination of matter radii and neutron skin thickness of neutron-rich isotopes ${} ^{51,52}$Ca

Speaker
Divyang Prajapati

11:30 AM

Sun, February 15

11:45 AM

Nuclear structure

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

11:45 AM – 12:00 PM **Determination of point proton radii of neutron-rich nitrogen isotopes**

Speaker
ARITRA ROY

12:00 PM