

Session Program

21-26 Jun 2026



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2026 CAP Congress / Congrès de l'ACP 2026

PPD Poster Session & Student Poster Competition | Session d'affiches PPD et concours d'affiches étudiantes

U. Ottawa - Learning Crossroads (CRX) Building
100 Louis-Pasteur Private, Ottawa, ON K1N 9N3

Tuesday 23 June

18:00

PPD Poster Session & Student Poster Competition | Session d'affiches PPD et concours d'affiches étudiantes

Poster Session |

Location: U. Ottawa - Learning Crossroads (CRX) Building, 100 Louis-Pasteur Private, Ottawa, ON K1N 9N3

Modelling and Experimental Design for Directional Sensitivity in the NEWS-G Dark Matter Experiment

Speaker

Keiran Nicholson

Mind the Gap: Temperature Separation in Two-Step Electroweak Breaking

Speaker

Kimia Ghanaatpisheh

SuperCDMS Programmable Logic Controller System

Speaker

Cassandra Harms

Applying Machine Learning Techniques to the PIONEER Experiment's Active Target

Speaker

Meghan Naar

Dynamical Signatures of Dark Matter Halo Rotation in Tidal Streams

Speaker

Devon Leskiw

To B, or Not to B: Is B-Meson Entanglement Measurable?

Speaker

Xiaoqing Wu

Precision spectroscopy of rare-earth nuclei to search for T-violation

Speaker

Florian Brandstatter

Deep Learning Based Pseudo-CT Generation for Attenuation Correction in Standalone Brain PET

Speaker

Grace Zhang

Non thermal dark matter produced just after inflation

Speaker

Fazlul Yasin

19:30