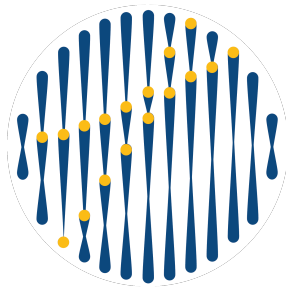


Session Program

27-29 Jul 2026



McDonald Institute
2026 Annual
Community Meeting

**2026 Canadian Astroparticle Physics
Community Meeting**

Dark Matter

Tuesday 28 July

10:30

Dark Matter: Experiments

Session

10:30-11:30 Dark Matter Experiment Overview

Speaker

Michela Lai

11:30-11:50

HVeV Run 5: The Latest Generation of High-Voltage, Electronvolt-Scale Cryogenic Silicon Calorimeters in the Search for Dark Matter

Speaker

Mason Buchanan

11:50-12:10

The CATCHY Experiment: Scaling Sensitivity with N^2

Speaker

Avani Bhardwaj

12:10-12:30

Nuclear Physics in Liquid Argon with DEAP-3600

Speaker

Peter Taylor

12:30-12:50

Status and Outlook of the AURORA Low Mass Dark Matter Detector

Speaker

Shailaja Mohanty

12:50

15:30

Dark Matter: Bubble Chambers

Session

15:30-15:50

Status of the Scintillating Bubble Chamber Experiment

Speaker

Carter Garrah

15:50-16:10

PICO

Speaker

Dr William Woodley

16:10-16:30

Molecular Dynamics Simulation for Bulk Fluid Modelling of the SBC Dark Matter Experiment

Speaker

Ezri Wyman

16:30-16:50

Toward Two-Photon Absorption Characterization of Silicon Photomultipliers for Dark Matter Detector Applications

Speaker
Udaykaran Madaan

16:50-17:10 **Bubble Chamber Sensitivity to Composite Dark Matter**

Speaker
Alex Hayes

17:10