



# WNPPC2023 - 60th Winter Nuclear Particle Physics Conference

## Friday, 17 February 2023

### February 17 Evening Session: Dark Matter 2 - KC 303 (19:00 - 20:30)

-Conveners: Katelin Schutz

time	[id] title	presenter
19:00	[88] Opportunities at SNOLAB	COOLEY, Jodi
19:30	[56] SuperCDMS Background Explorer Functionality and Validation	MARTIN, Tyler
19:45	[13] SuperCDMS HVeV Detectors Analysis	AL-BAKRY, Musaab
20:00	[46] New results from the NEWS-G dark matter experiment	COQUILLAT, Jean-Marie
20:15	[47] Machine Learning for Noise Removal in NEWS-G	ROWE, Noah

### February 17 Evening Session: Particle Physics - KC 303 (21:00 - 22:15)

-Conveners: Beatrice Franke

time	[id] title	presenter
21:00	[51] An Introduction to the TUCAN EDM Measurement	FUJIMOTO, Derek
21:15	[44] Adiabatic transport of ultracold polarized neutrons for the TUCAN EDM experiment	KLEMETS, Emma
21:30	[50] Commissioning of a Paul trap for Collinear Laser Spectroscopy of Exotic Radionuclides performed in a 30 keV MR-ToF device	CROQUETTE, Louis
22:00	[1] Reconstruction of Semi-Leptonic Top Anti-top Pair Production with Deep Learning	CHISHOLM, Jenna