



# Winter Nuclear Particle Physics (WNPPC) 2018

## Friday, 16 February 2018

### Session #3 (19:00 - 22:35)

time	[id] title	presenter
19:00	[53] Dark matter searches at SNOLAB [INVITED]	Prof. PIRO, Marie-Cécile
19:30	[25] The NEWS-G Direct Dark Matter Search Experiment: First Results and Outlook (student talk)	Mr DURNFORD, Daniel
19:45	[11] Calibration of SuperCDMS* Dark Matter Detectors for Low-Mass WIMPs (student talk)	Ms MACDONELL, Danika
20:00	[49] The DEAP-3600 Muon Veto System (student talk)	Mr ERLANDSON, Andrew
20:15	[38] Dark Matter Search Results of the PICO experiment in the Effective Field Theory Context (student talk)	Mr PLANTE, Arthur
20:30	Coffee break	
20:45	[45] Characterization of superheated fluids in PICO-0.1 bubble chamber for the search of Dark Matter (student talk)	Mr TARDIF, Frédéric
21:00	[21] Improving the Optics and Fiducial Volume of the PICO Bubble Chamber Dark Matter Detector (student talk)	HARDY, Clarke
21:15	[32] PICO-40, an important step towards a ton-scale spin-dependent dark matter search experiment at SNOLAB	Mr LAURIN, Mathieu
21:30	[23] PICO-40L Calibration Simulation and Analysis Techniques using Machine Learning (student talk)	Ms CAO, Gevy