

Winter Nuclear Particle Physics (WNPPC) 2018

Friday, February 16, 2018

Session #3 (7:00 PM - 10:35 PM)

time	[id] title	presenter
7:00 PM	[53] Dark matter searches at SNOLAB [INVITED]	Prof. PIRO, Marie-Cécile
7:30 PM	[25] The NEWS-G Direct Dark Matter Search Experiment: First Results and Outlook (student talk)	Mr DURNFORD, Daniel
7:45 PM	[11] Calibration of SuperCDMS* Dark Matter Detectors for Low-Mass WIMPs (student talk)	Ms MACDONELL, Danika
8:00 PM	[49] The DEAP-3600 Muon Veto System (student talk)	Mr ERLANDSON, Andrew
8:15 PM	[38] Dark Matter Search Results of the PICO experiment in the Effective Field Theory Context (student talk)	Mr PLANTE, Arthur
8:30 PM	Coffee break	
8:45 PM	[45] Characterization of superheated fluids in PICO-0.1 bubble chamber for the search of Dark Matter (student talk)	Mr TARDIF, Frédéric
9:00 PM	[21] Improving the Optics and Fiducial Volume of the PICO Bubble Chamber Dark Matter Detector (student talk)	HARDY, Clarke
9:15 PM	[32] PICO-40, an important step towards a ton-scale spin-dependent dark matter search experiment at SNOLAB	Mr LAURIN, Mathieu
9:30 PM	[23] PICO-40L Calibration Simulation and Analysis Techniques using Machine Learning (student talk)	Ms CAO, Gevy