



# Winter Nuclear Particle Physics (WNPPC) 2018

## Thursday, 15 February 2018

### Session #1 (19:00 - 22:15)

time	[id] title	presenter
19:00	[54] Welcome - Introduction	Prof. BELLERIVE, Alain
19:15	[15] ACTAR TPC: a novel detection system for nuclear physics experiments [INVITED]	Dr GRINYER, Geoffrey Fathom
19:45	[18] Beta-SRF - A New Facility to Characterize SRF Materials near Fundamental Limits (student talk)	Mr THOENG, Edward
20:00	[33] SNO+ Calibration Systems (student talk)	Mr TAM, Benjamin
20:15	[6] AmBe source calibration in the SNO+ water phase (student talk)	Mr LIU, Yan
20:30	Coffee break	
20:45	[20] A Cryogenic Underground TEST facility (CUTE) for SuperCDMS (student talk)	Mr GERMOND, Richard
21:00	[24] Design of a Multiple-Reflection Time-of-Flight Mass-Spectrometer for Barium-tagging with nEXO (student talk)	Mr MURRAY, Kevin
21:15	[43] Current state of ATLAS's New Small Wheel simulation software and construction effort of the small strip thin gap chambers (student talk)	Mr LAURIER, Alexandre
21:30	[41] Optimization studies for the upgraded readout electronics of the ATLAS liquid argon calorimeter (student talk)	Mr AMBLER, Alessandro
21:45	[40] Electrical Isolation of ITk Strip Sensors (student talk)	Mr LEHMANN, Konstantin