Session Program

23-24 Aug 2021

Canadian Astro-Particle Physics Summer Student Talk Competition

Session 6

Tuesday 24 August

12:30

Session 6

Session |

Location: Day One (Monday, 23 August 2021) - 10:45am ET Start https://queensu.zoom.us/j/96737058866?
pwd=OWlCcVRpTnYwSFYxVFNXVFVuanBKQT09 Meeting ID: 967 3705 8866 Passcode: 593378 Day Two (Tuesday, 24
August 2021) - 12:30pm ET Start https://queensu.zoom.us/j/95042947884?
pwd=bHNzbFFEWnFZSDZaSHpwWUEwdVZ0dz09 Meeting ID: 950 4294 7884 Passcode: 919290 |

Conveners: Leon Pickard, Matthew Stukel

12:45–13:00

Using Machine/Deep Learning to Analyze Acoustic Data and Probe the Physical Development of Bubble Nucleation

Speaker
Mr Kyle Yeates

13:00–13:15

Geometries and PMT Configurations for nEXO Outer Detector Simulations

Speaker
Liam Retty

13:15–13:30

Measuring the Mass of the Milky Way: Converting a 350 PHYS Project into a 250 Lab

Speaker
Madelynn Mast

13:30–13:45 **Logical Muon Generation for Monte Carlo Simulations (Underground)**

Speaker
Regan Ross

13:45–14:00 **Break**

14:00

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