

Session Program

23-24 Aug 2021

**Canadian Astro-Particle Physics Summer
Student Talk Competition**

Session 1

Monday 23 August

11:00

Session 1

Session |

Location: Day One (Monday, 23 August 2021) - 10:45am ET Start [https://queensu.zoom.us/j/96737058866?](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?](https://queensu.zoom.us/j/95042947884?pwd=bHNzbFFEWnFZSDZaSHpwWUEwdVZ0dz09)

Meeting ID: 950 4294 7884 Passcode: 919290 |

Conveners: Ana Sofia Inacio, Leon Pickard

11:00–11:15

K40 Backgrounds in the SNO+ Neutrino Detector

Speaker

Parmesh Ravi

11:15–11:30

Dark matter search and calibration of detectors at Université de Montréal

Speaker

Audréanne Matte-Landry

11:30–11:45

Lab Weather Station

Speaker

Felix Belair

11:45–12:00

Cherenkov Light Simulations with Chroma for nEXO's Muon Veto

Speaker

Emma Klemets

12:00–12:15

Hunting Unicorns: Model-Free Detection of Time Series Anomalies in GW Detector Data

Speaker

Mr Julian Ding

12:15–12:30

Break

12:30