

Session Program

23-24 Aug 2021

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

Session 5

Monday 23 August

17:00

Session 5

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: Matthew Stukel, Leon Pickard

17:00–17:15

Analysis of Alpha Particle Quenching in SNO+ Scintillator Using Internal Polonium Backgrounds

Speaker

Anthony Allega

17:15–17:30

Simulating Gamma Ray Interactions to Determine Dead Layer of Germanium

Speaker

Erin Bolger

17:30–17:45

Recent development of the radiopurity.org materials database

Speaker

Vicente Garrido

17:45–18:00

Radon Measurements and the Lucas Cell System

Speaker

Julia Azzi

18:00–18:15

Characterization of ion plumes in laser ablation ion sources

Speaker

Joseph Torsiello

18:15–18:30

The Evolution of Fundamental Galaxy Scaling Relations

Speaker

Katherine Frazer

18:30