

Session Program

23-24 Aug 2021

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

Session 2

Monday 23 August

12:30

Session 2

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=bHNzbFFFEWnFZSDZaSHpwWUEwdVZ0dz09> Meeting ID: 950 4294 7884 Passcode: 919290 |

Conveners: Leon Pickard, Ana Sofia Inacio

12:30–12:45

Ab Initio Correlation between Double Gamow-Teller Transitions and Neutrinoless Double Beta Decay

Speaker

Izzy Ginnett

12:45–13:00

Evaluation C14 background in the SNO+ detector

Speaker

keegan paleshi

13:00–13:15

Machine Learning for Top Quark Pair Kinematic Reconstruction

Speaker

Maggie Wang

13:15–13:30

Measurements of Radon Concentration in SNOLAB air

Speaker

Matt Stollman

13:30–13:45

Using Machine Learning to Denoise Acoustic Pulses

Speaker

Charlotte Reed

13:45–14:00

Break

14:00