

Session Program

15-16 Aug 2022

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

Session VI

Virtual/Laurentian University

Tuesday 16 August

11:15

Session VI: Session VI

Session | **Location:** Virtual/Laurentian University | **Convener:** Dr Yi-Hsuan (Cindy) Lin

11:15-11:27

Characterization of an in-gas Laser Ablation Ion Source through SIMION Simulations

Speaker

Katherine Lei

11:27-11:39

Analyzing a novel class of background events in the SNO+ detector

Speaker

Matt Marzano

11:39-11:51

Building a Temperature Controlled Performance Test Setup for SiPMs

Speaker

Jack Macaulay

11:51-12:03

Upgrading and updating the SNOLAB hpge-radiopurity.snolab.ca material database

Speaker

Gwyn Armstrong

12:03-12:15

Using Chroma ray-tracing software to determine the trigger conditions for nEXO's Outer Detector

Speaker

Liam Retty

12:15-12:27

LiquidO: Exploring the properties of opaque liquid scintillators

Speaker

Spencer Guerin

12:27