

Session Program

15-16 Aug 2022

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

Session II

Virtual/Laurentian University

Monday 15 August

11:50

Session II: Session II

Session | **Location:** Virtual/Laurentian University | **Convener:** Benjamin Tam

11:50-12:02

Calibrating an Ocean-Floor Observatory: Conquering Currents at the Pacific Ocean Neutrino Experiment

Speaker

Hamish Johnson

12:02-12:14

Regulating Thermal Control for the Scintillating Bubble Chamber Experiment

Speaker

Ezri Wyman

12:14-12:26

Getting Your Head in the Clouds: Construction of a Small Cloud Chamber

Speaker

Michael Hetu

12:26-12:38

Investigating Improvements to Event Selection Cuts Against Neck Alpha Backgrounds for DEAP-3600

Speaker

May Wittenberg

12:38-12:50

Probing Exotic Scalar Fields by Utilizing the GPS System

Speaker

Yu Li

12:50-13:02

Fuzzy Dark Matter: Dead or Alive???

Speaker

Boris Zupancic

13:02-13:14

Studying Muon Events Within SNO+

Speaker

Victoria Howard

13:14