

Session Program

15-16 Aug 2022

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

Session III

Virtual/Laurentian University

Sunday 14 August

15:00

Session III: Session III

Session | Location: Virtual/Laurentian University | Convener: Melissa Baiocchi

15:00–15:12 Simulations of Muon-Induced Backgrounds to nEXO

Speaker

Regan Ross

15:12–15:24

Quantum fluctuations masquerade as halos: Bounds on ultra-light dark matter from quadruply-imaged quasars

Speaker

Alex Laroche

15:24–15:36 Radon Gas Assays for the SNO+ Experiment

Speaker

Juliette Deloye

15:36–15:48

Axion Quark Nugget Annihilation With Baryon Gas Versus Observed Excess Diffuse Ultraviolet Radiation

Speaker

Michael Sekatchev

16:00