

# The Canadian Astroparticle physics Summer Student Talk (CASST) Competition 2023

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## Roboshifter for SNO+

*Thursday 17 August 2023 16:15 (15 minutes)*

In recent years, it has become increasingly difficult to find detector operators among members of the SNO+ collaboration due to the time consuming and monotonous nature of this necessary work. Hence, we aim to replace the bulk of day-to-day detector operation with a new tool named 'Roboshifter'. There are many interesting challenges when transitioning a large and long-standing experiment like SNO+ to a radically different mode of operation, as well as some interesting considerations when developing such a long-standing project as a summer student.

### Topics - Please choose one:

Experiment / Theory

**Author:** DROBNER, David (Queen's University)

**Presenter:** DROBNER, David (Queen's University)

**Session Classification:** Session II