

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

Contribution ID: 3

Type: **not specified**

Adding Bis-MSB in the SNO+ Detector: Boosting the Light Yield One Batch at a Time

Friday 18 August 2023 09:15 (15 minutes)

The SNO+ experiment consists of a detector filled with liquid scintillator, which creates light when particles pass through it. To increase the light yield, a second wavelength shifter, bis-MSB, is added to the scintillator. I will be going through the steps in achieving the deployment of the first batch of bis-MSB. I will also be talking about the process of developing a method to measure bis-MSB concentration.

Topics - Please choose one:

Author: WEIMAN, Myla

Presenter: WEIMAN, Myla

Session Classification: Session IV