



Contribution ID: 60

Type: **Oral Presentation**

Counting Facilities at the Black Hills Underground Campus (BHUC)

Tuesday, June 14, 2022 11:50 AM (20 minutes)

The Black Hills Underground Campus (BHUC) houses a low background counting facility on the 4850' level of the Sanford Underground Research Facility. Currently there are five ultra-low background, high-purity germanium detectors operating inside of a class 1,000 cleanroom at the Davis Campus, with a sixth anticipated to be installed within a year. A robust nitrogen purge system and on-site personnel assistance allow these detectors to run continuously to support groups that need low background counting of materials.

Primary author: TIEDT, Doug (Sanford Lab)

Presenter: TIEDT, Doug (Sanford Lab)

Session Classification: LRT 2022 - presentations

Track Classification: Screening Facilities