

## Safety at the Super-CDMS-SNOLAB

*Friday, 22 September 2017 09:30 (25 minutes)*

The Super Cryogenic Dark Matter Search at SNOLAB is a WIMP observatory slated for deployment in 2019. Built by SLAC, Fermilab, and a small number of sister institutions, Super-CDMS-SNOLAB will use germanium crystals cooled to millikelvin temperatures to simultaneously detect phonons and charged particles. Located in an active nickel mine, the experiment will present several arcane hazards. This presentation discusses the experiment as well as its milieu, pitfalls, and mitigations.

### Email

jkenny@slac.stanford.edu

### Funding Agency

SLAC

**Primary author:** Mr KENNY, Joseph (SLAC)

**Presenter:** Mr KENNY, Joseph (SLAC)

**Track Classification:** New Projects