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## Status and Plans of SuperCDMS SNOLAB

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SuperCDMS SNOLAB is an underground cryogenic experiment currently under construction. The main objective of the experiment is a search for dark matter particles with masses < 10 GeV. Electron or nuclear recoils deposit energy in the germanium and silicon crystals which is collected via phonon and charge sensors. Two different detector designs are utilized: HV(High Voltage) and iZIP(interleaved Z-dependent Ionization and Phonon) detectors. HV detectors with a low threshold and excellent energy resolution will probe dark matter in the sub-GeV range; iZIP detectors, benefiting from their good separation power between electron and nuclear recoil events, are optimized to detect dark matter masses above 3 GeV. An initial HV detector is currently hosted at CUTE, a SNOLAB cryogenic test facility, with plans to take science data in the immediate future.

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## **Collaboration / Activity**

SuperCDMS collaboration

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