Contribution ID: **110** Type: **Poster etc.**

The Sanford Underground Research Facility

Building on rich legacies, the Sanford Underground Research Facility (SURF) has been operating for over 10 years as a facility dedicated to supporting underground research. Laboratory facilities include a Surface Campus with recently upgraded capabilities as well as two main campuses at the 4850-foot level (4300 m.w.e.) - the Davis Campus and the Ross Campus - that host a range of significant physics projects: the LUX-ZEPLIN (LZ) dark matter experiment, the MAJORANA DEMONSTRATOR neutrinoless double-beta decay experiment and the CASPAR nuclear astrophysics accelerator. Furthermore, a laboratory dedicated to critical material assays for current and future experiments is operational. Plans to accommodate the Fermilab-led international Deep Underground Neutrino Experiment (DUNE) at the Long Baseline Neutrino Facility (LBNF) are well advanced. SURF is a dedicated research facility with significant expansion capability, and applications from other experiments are welcome.

Session and Location

Monday Session, Poster Wall #87 (Auditorium Gallery Left)

Poster included in proceedings:

yes

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Presenter: HEISE, Jaret (Sanford Underground Research Facility)

Track Classification: Poster (not participating in poster prize competition)