



Contribution ID: 73

Type: **Poster**

NEXUS: Northwestern Experimental Underground Site

NEXUS is an underground test facility equipped with dilution fridge and D-D neutron generator inside a cleanroom. Located 106 m underground at FermiLab, it provides 300 meter-water-equivalent overburden and 100 event/kg/day background level. The fridge is reconfigurable for different types of payloads. This facility opens the possibility of coherent neutrino scattering experiments with low temperature bolometers.

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