

## Scientific Programs of CUP

*Wednesday, 14 October 2015 09:05 (45 minutes)*

The Center for Underground Physics (CUP) aims to pursue searches for new particles and new phenomena beyond the standard model. We are trying to push the experimental limits for the neutrinoless double beta decays (AMoRE) and the direct detection of the WIMPs (KIMS+). We are also working on the reactor neutrino experiment to search for the sterile neutrinos (NEOS). I will describe the scientific significance and the status of these programs.

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