



Contribution ID: 748

Type: poster

## Muons at SoLid - Detector Commissioning

The SoLid experiment aims to make a measurement of very short distance neutrino oscillations using reactor antineutrinos. Key to its sensitivity are the experiment's excellent spatial and energy resolution, combined with a highly suitable reactor source and good background rejection. The fine segmentation of the detector, and ability to resolve signals in space and time, gives SoLid the capability to track cosmic muons. In principle a source of background, these turn into a valuable calibration source if they can be cleanly identified. We present the results of our muon analyses with the recent SoLid prototype (SM1). This includes our methodology of tracking at SoLid, cosmic ray angular analyses at the reactor site, and estimates of the timing and energy resolutions.

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**Track Classification:** Neutrino Physics