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## **FinnCRack a cosmic muon telescope for detector studies**

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We present a cosmic rack, the FinnCRack. This device is a silicon strip detector based telescope that measures tracks of cosmic particles. FinnCRack is constructed using components of the Tracker Outer Barrel (TOB) of the CMS experiment at the CERN LHC. The FinnCRack provides temperature and humidity control. The data is analyzed using the official CMS analysis software package, CMSSW. The setup in FinnCRack has been designed to allow insertion of detectors to be tested into the middle of the device and integration of those detectors to the data acquisition. The setup can be used as a reference tracker in detector studies. The surface area in which reference is produced is approx. 1000cm<sup>2</sup>

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