

Abstract Submitted
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Building a Test Stand for Silicon Photomultipliers for sPHENIX Calorimeter Readout¹ GEYANG ZHOU, Augustana University, SPHENIX COLLABORATION — The sPHENIX detector is a second-generation heavy ion collision experiment planned to be built at Brookhaven National Laboratory's (BNL) Relativistic Heavy Ion Collider (RHIC). The read-out of the electromagnetic and hadronic calorimeters will be via silicon photomultipliers (SiPMs). In preparation for characterizing the approximately 125,000 SiPMs that will be used in the detector, a test stand has been built at Augustana University. In this poster we give the details of the test stand and example tests that have and can be done.

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