

Abstract Submitted
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The PHENIX Muon Piston Calorimeter JOHN KOSTER, University of Illinois - Urbana Champaign, PHENIX COLLABORATION¹ — The Muon Piston Calorimeter (MPC) is a new electromagnetic calorimeter which has been integrated into the muon forward spectrometers of the PHENIX experiment at the Relativistic Heavy Ion Collider (RHIC) at Brookhaven National Laboratory. The calorimeter acceptance is 2π in azimuth and $3.1 < \eta < 3.65$ in pseudorapidity. The MPC uses PbWO_4 scintillator crystals with APD readout developed for PHOS as part of the ALICE experiment at CERN. We present an overview of the detector, results from beam tests at the Meson Test Beam Facility at Fermi National Laboratory and first results from the operation of the MPC during the 2006 RHIC run.

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