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Construction and Commissioning of the beam delivery, storage ring and g-2 detector at FNAL

We present details of the new experimental detector systems for the g-2 experiment at FNAL. We present details of the beam delivery and storage ring at the new FNAL muon campus. In particular we concentrate on the construction of new calorimeters and calibrations system and the trackers . We discuss the status of the these detectors systems from testbeam and compare with results from the 2017 commissioning run. Improvements to the reconstruction techniques and expected performance in the 2018 data taking run are presented.

Experimental Collaboration

muon g-2 at Fermilab

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