



Muon g-2 Weekly Update

AEM

5/22/2017

Brendan Kiburg for the experiment

Beam Week

- Shielding Installed → ORC
- Search and Secure
 - 22 hours Thur/Fri
- Magnet (3 ON days)
 - 18 hours ON, 9 hours ramping
- Field Shift workshop. DAQ shifts continue. Plan 24/7 shifts 5/30
- Beam Tuning
 - Coordinating time with MC-1 Hall
 - Commissioning M5 Line (new contactor needed) Installing today
 - Weekend: Circulated 3 GeV beam in DR, working on kicker timing
 - Today: 8 GeV beam
 - This Week: Establish beam to MC-1 Ring
 - Beam dump arrives Wednesday



Ongoing Work

- Detectors
 - 10 w/ ORC, 6 more ready now (24 total)
 - Entrance counter installed, ORC pending
 - Trackers ORC last week, approval pending final documentation
 - In Beam scintillation harps commissioned
- Preparing final Kicker Connection
 - 2 Kickers installed, tested w/ magnetic field
 - Rebuilding 3rd kicker connection → aim for Friday
- Inflector
 - Power Supply Final Tests with Vendor
 - Will re-tests and install this week

