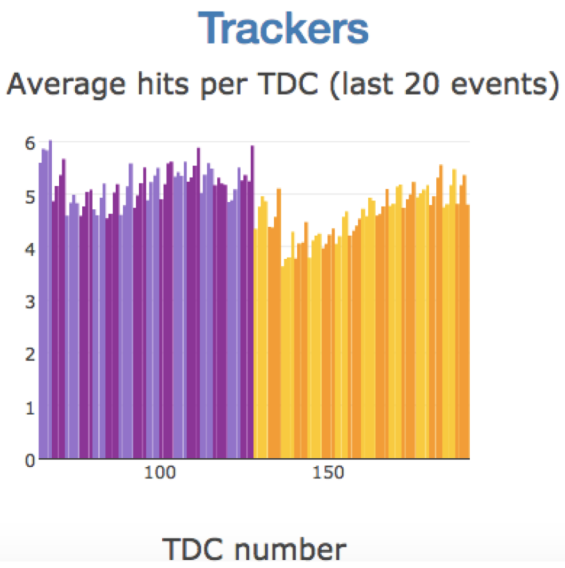
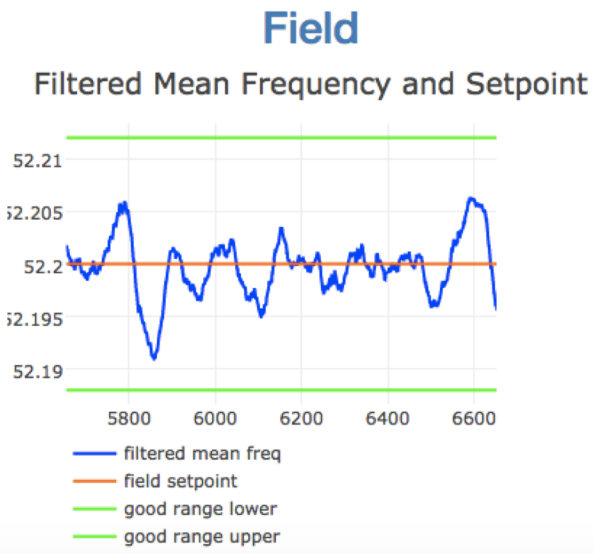
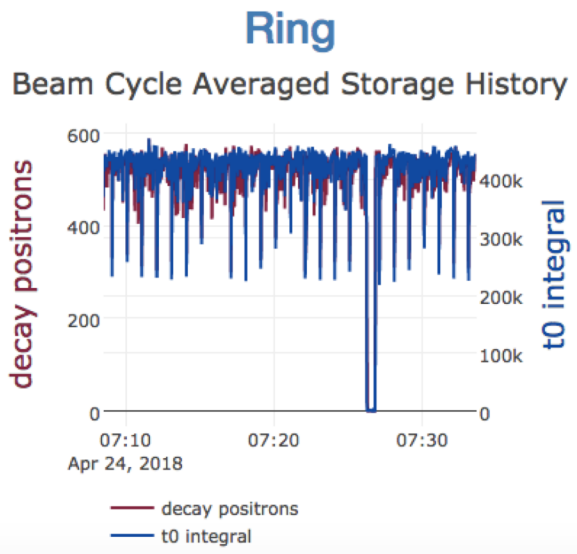
WP1 : g-2 Detectors

Milestone-1 : Tracker DAQ Integration : 01/06/2017 : COMPLETED 10/04/2017
Deliverable 1.2: Report on installation and initial commissioning of g-2 trackers : 01/01/2018 (LIVERPOOL)



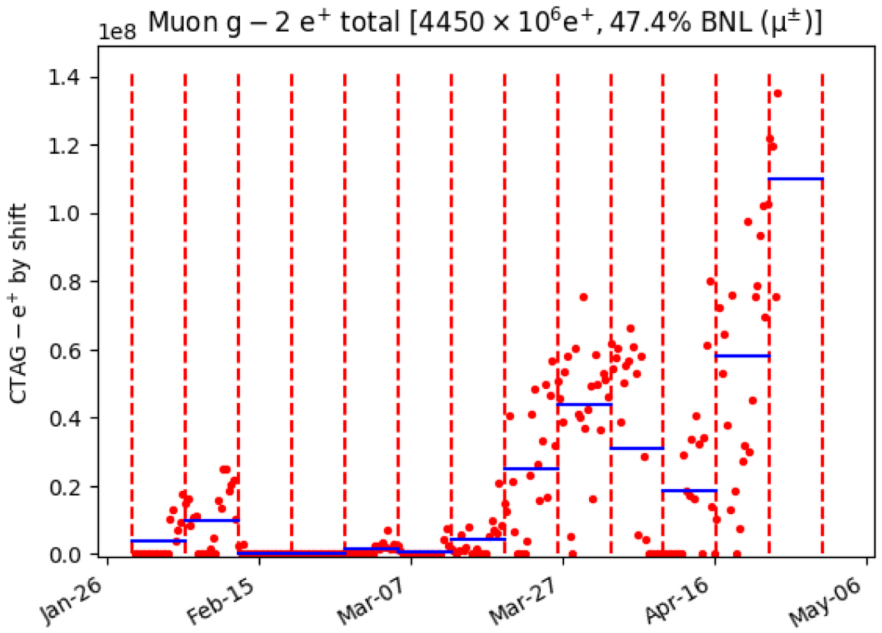




Accumulating 550 e+ per fill. Design is 1,000.
Significant rate improvements in last couple of weeks.
DAQ now recorded data at 210 Mb/sec (ATLAS is 300 Mb/sec….)

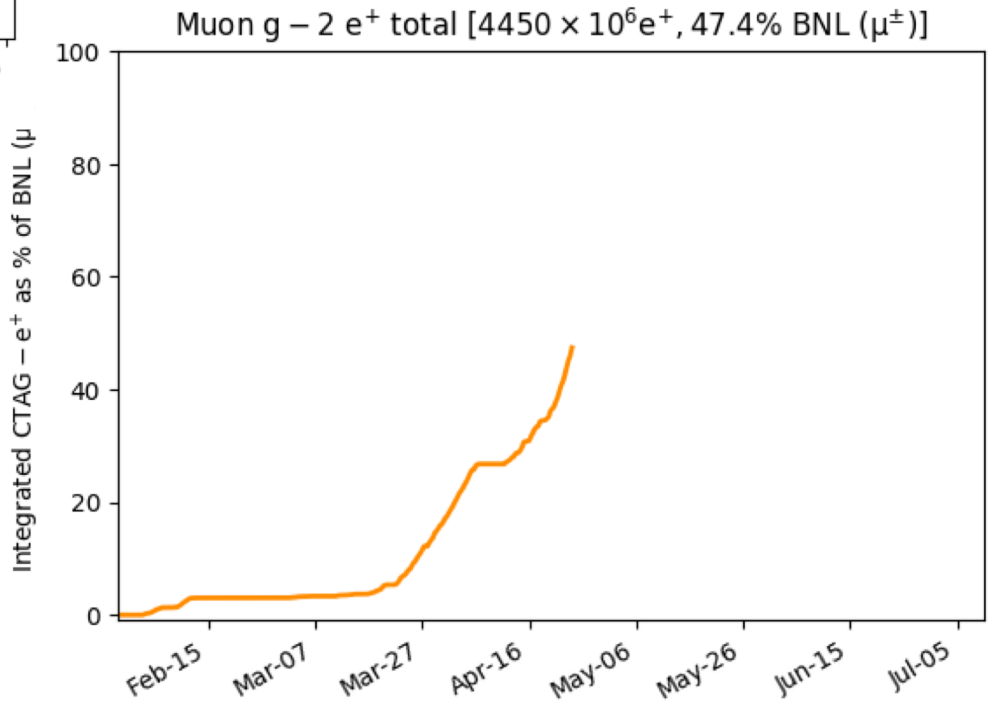
DAQ uptime with beam is 90%,

WP1 : g-2 Detectors

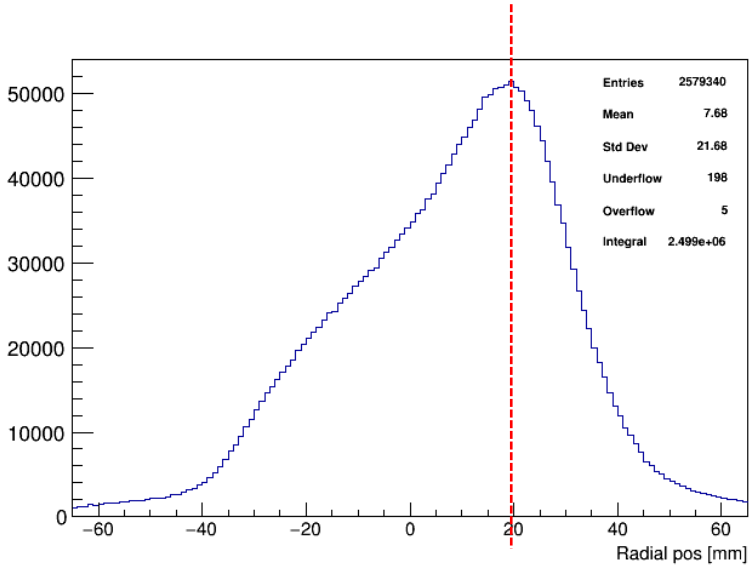


Recording 100M e+ in a shift
BNL dataset every 6 weeks.

Expect to record at least x1.5 BNL
by summer

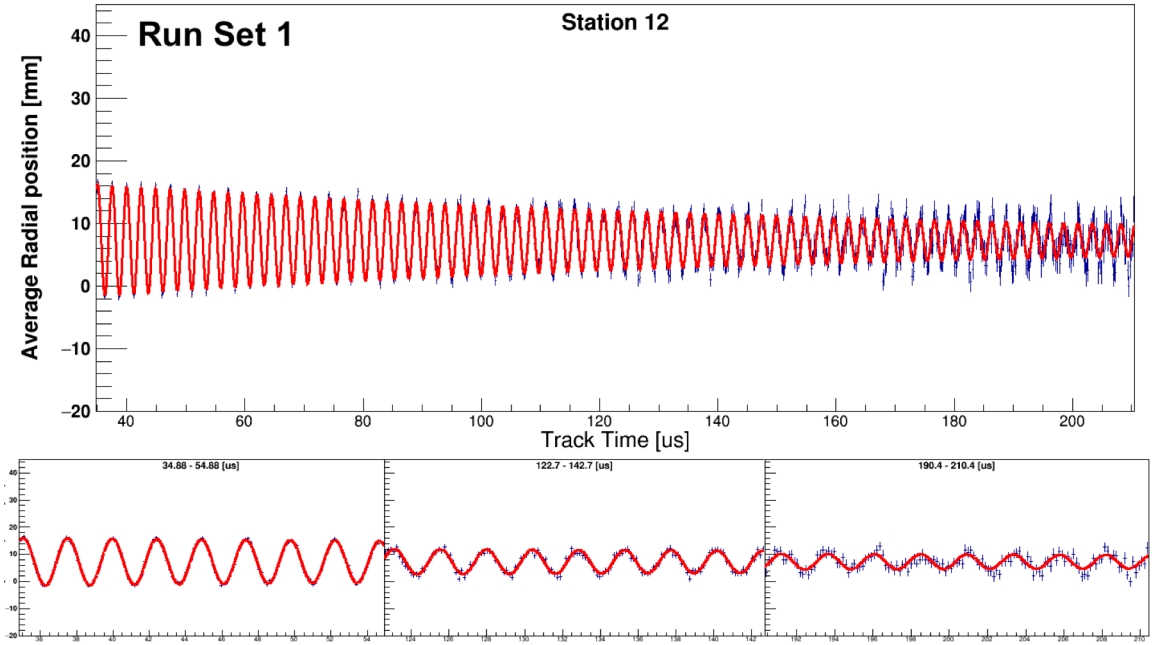


WP1 : g-2 Detectors



Beam somewhat remove from ideal orbit

CBO lifetime of 150us



WP2 : Mu2e Detectors

Milestone-3 : Installation of MU2e HPGe detector : 01/01/2020

Deliverable 2.3: Design of Mu2e HPGe detector : 01/04/2018

Ref. Ares(2018)1744068 - 29/03/2018

European Commission

H2020 Grant Agreement N° 690835

Deliverable D2.3 – WP2 – Due date: 31st March 2018

Title: Mu2e HPGe Design report

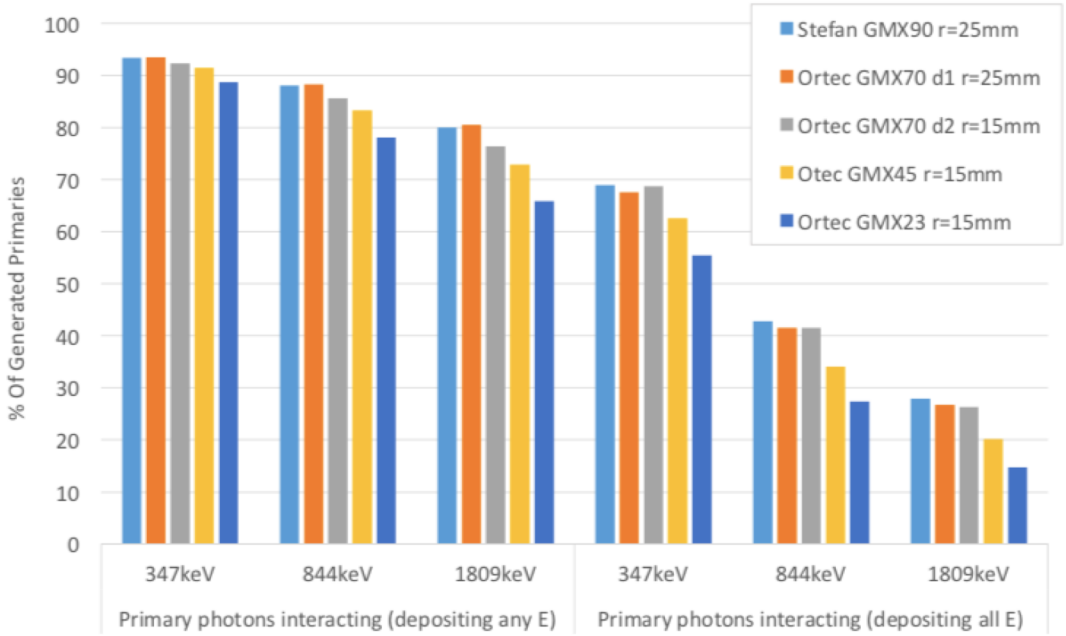
Type: Report

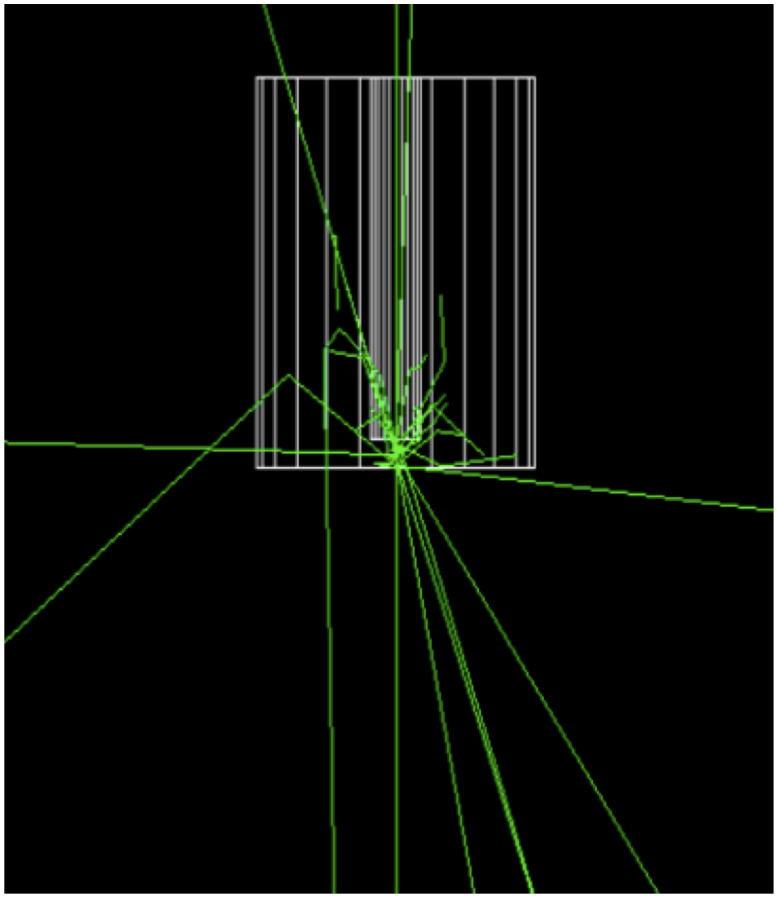
Dissemination level: Public

WP number: WP2

Lead Beneficiary: Liverpool

WP2 : Mu2e Detectors

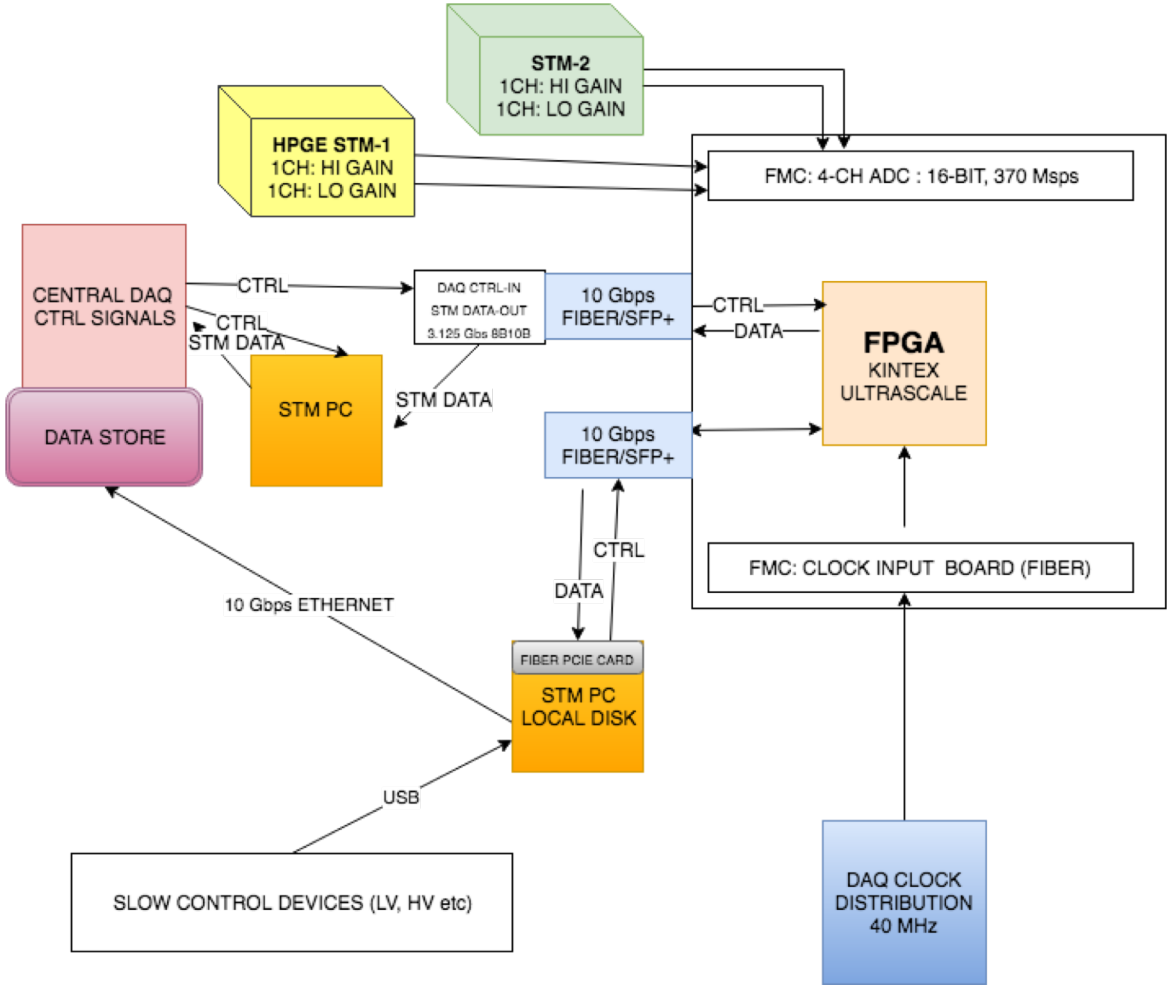


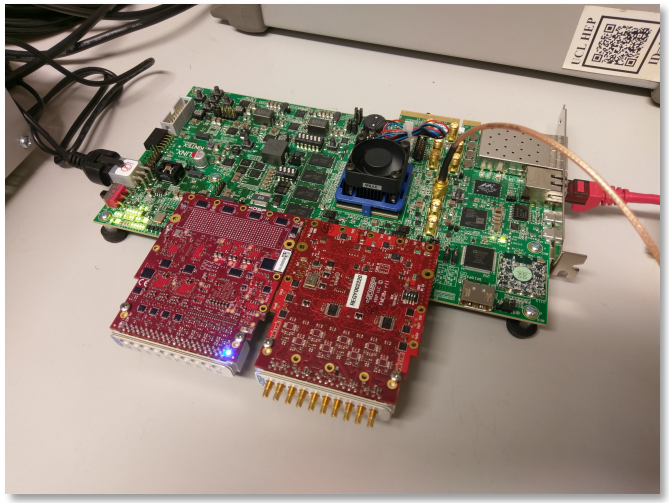


WP2 : Mu2e Detectors

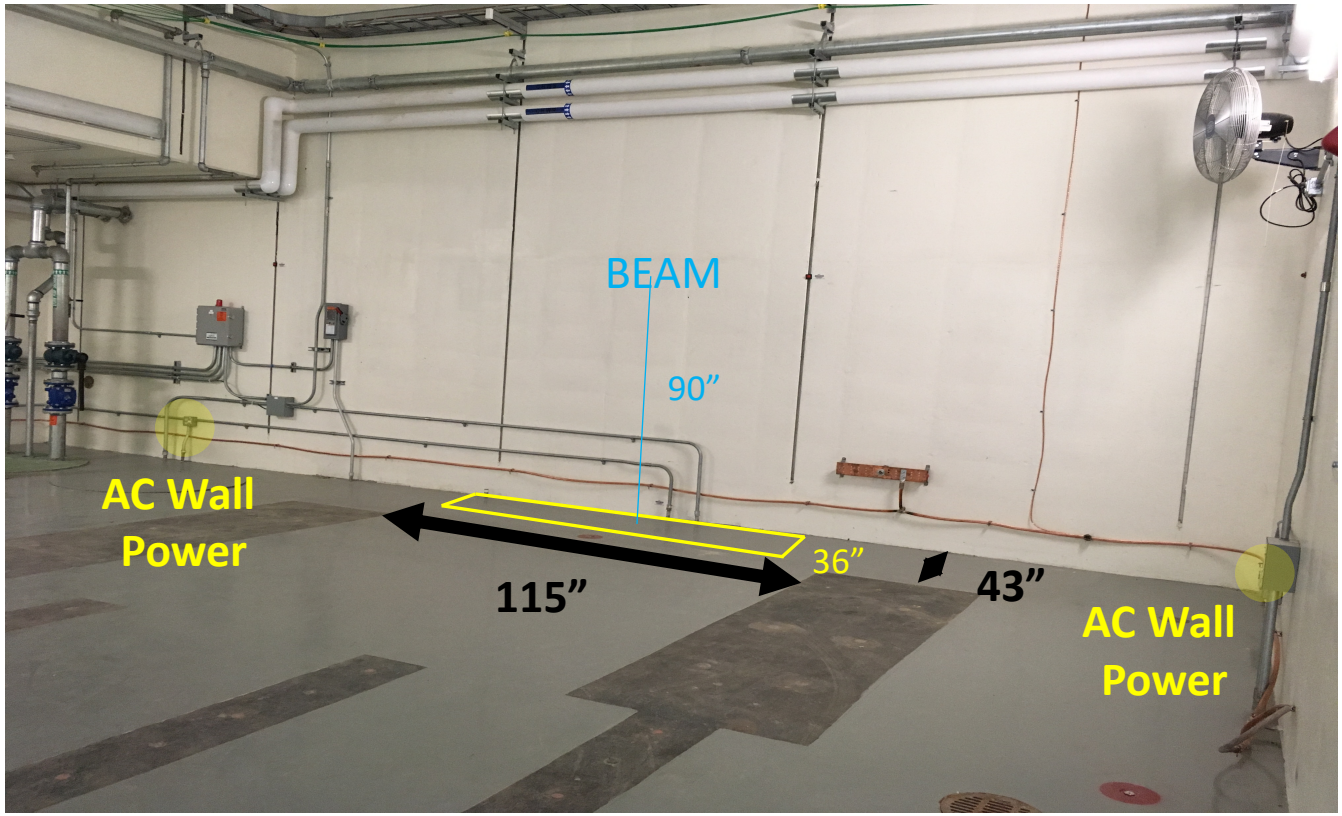
Milestone-3 : Installation of MU2e HPGe detector : 01/01/2020

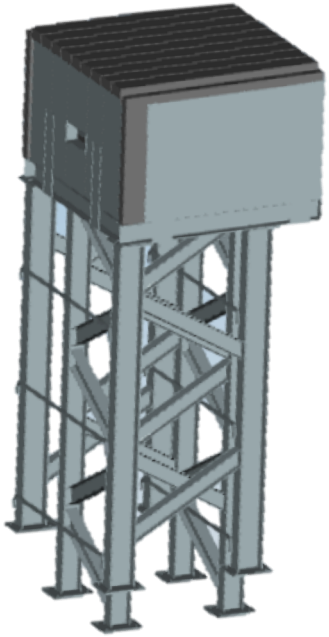
Deliverable 2.3: Design of Mu2e HPGe detector : 01/04/2018

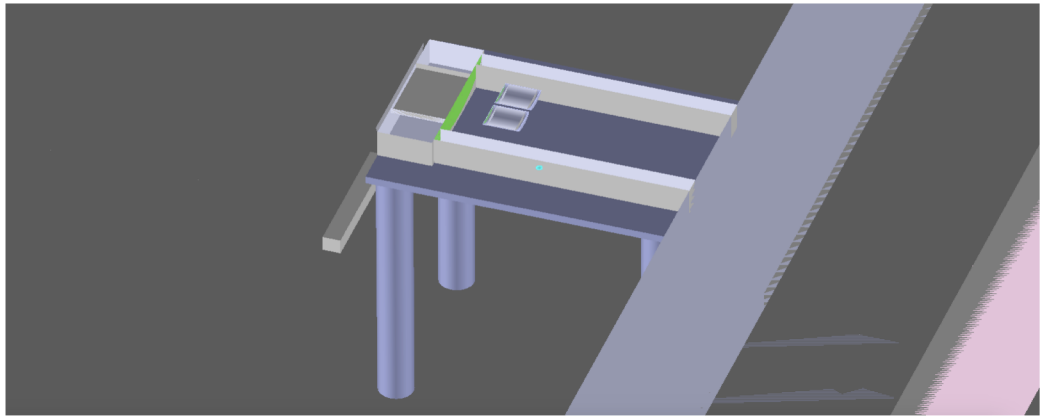




WP2 : Mu2e Detectors







WP3 : Calibration Tools (g-2)

Deliverable 3.2: Calibration system for g-2 straw tracker (01/07/2017) (REPORT UPLOADED: 04/07/17)
Milestone 5: g-2 calibration system commissioned (01/01/2019)

WP4 : Software Tools (g-2)

Milestone-6 : g-2 offline reconstuction code ready for analysis of data : 01/01/2017 (Report uploaded 30/12/16)
Deliverable 4.2: Simulation of 10^{11} muons for g-2 and stress-testing of framework : complete

Milestone-7 : Mu2e HPGe reconstruction code : 01/05/2019