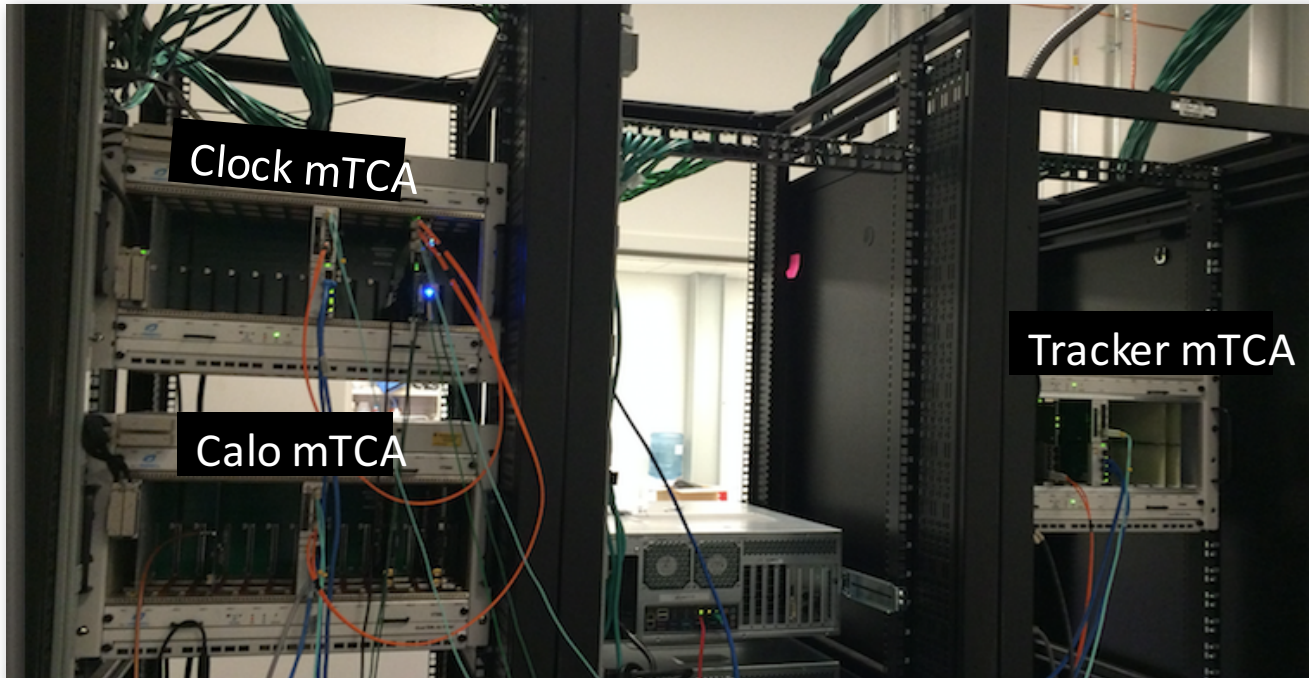


## Deliverable 1.4 : Tracker DAQ Integration : M17



- DAQ system : tracker + calorimeter already operational in FNAL MC-1.
- We are developing a PCB to receive a timing signal from the calorimeter laser calibration so that tracker /calo activity can be correlated during calibration periods as well as muon spills.
- Cosmic tests of a tracker and calorimeter module demonstrating the DAQ integration will be done Aug-Nov 2016
- On track to be completed at end of this year M12 ahead of M17 deadline.

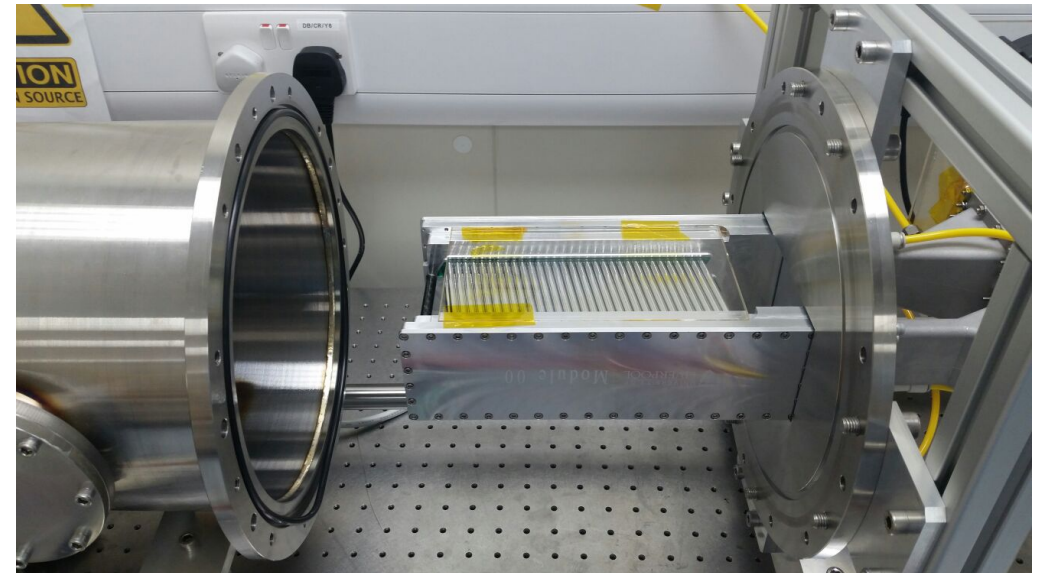
### Deliverable 1.3 : Installation and commissioning of straw trackers : M24

Trackers are now in mass production following a successful internal g-2 review of the tracker production and the arrival of the final batch of straws from the US manufacturer

First module is already at FNAL and expect remaining 7 for first tracker station to be installed in the ring in November (M11)

Testing of trackers in vacuum with source and cosmics with final HV, LV, electronics and DAQ underway at Liverpool and FNAL.

Commissioning of system with beam expected in summer of 2017 (M18) and anticipate no issues achieving M24 deliverable.





## WP2 : Mu2e Detectors

DELIVERABLE 2.7 : DESIGN OF HP Ge : M27

DELIVERABLE 2.8 : INSTALLATION OF HE Ge & INTEGRATION WITH MU2e DAQ : M48.

Outline proposal for funding to design/build HP Ge was approved by UK Funding agency (STFC)

Full proposal to be submitted in one month and we expect the funds for construction will be available in Apr 2017 (M16)

Design work with BU & FNAL is proceeding and expect this to be complete ahead of the M27 deadline.

We'd like to get help/understand better the options of doing an irradiation/annealing test of a HPGe detector at EBLE/HZDR.