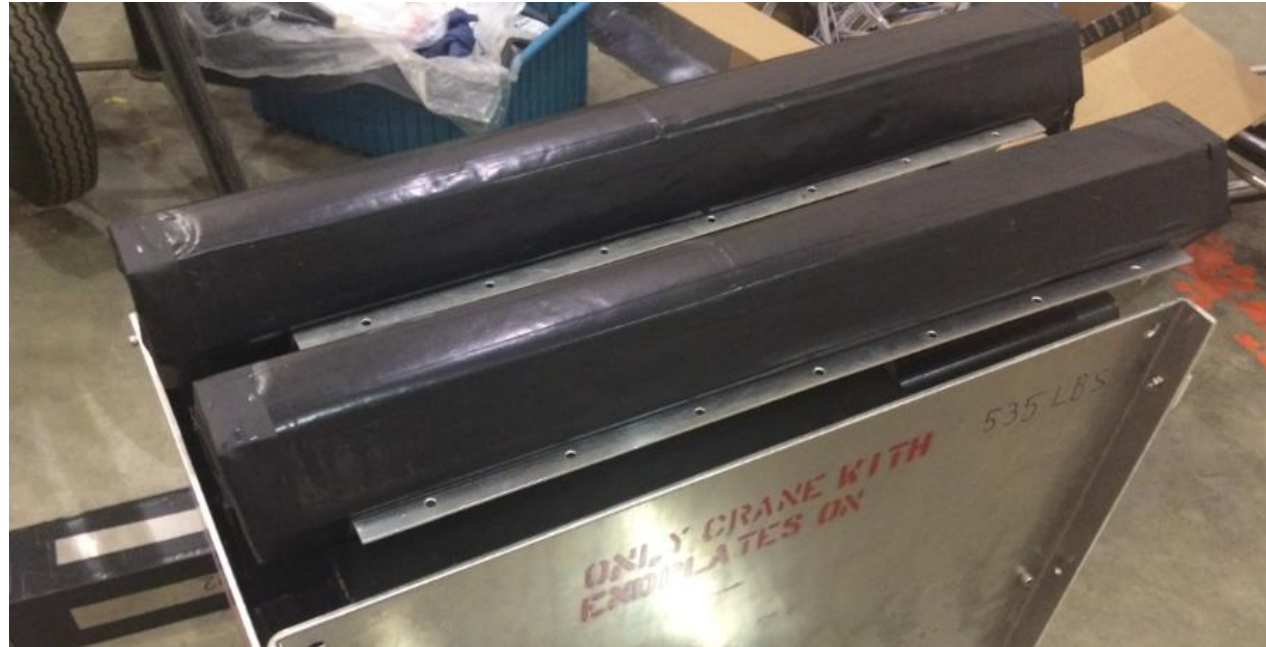


Test preparation and status in JLab

Ye Tian, Vincent Sulkosky

Shashlyk module

- 2 modules from SDU



- Waiting for Tsinghua's module.

Preshower and SPD

- 3 preshower and one Forward SPD with both readout
- Need to make sure light-tight



Test setup

beam →



Front trigger
scintillator paddle

GEM detector
(5 layers)

Pershowers
and SPD

Shashlyk modules



9 calorimeter
blocks in
square shape

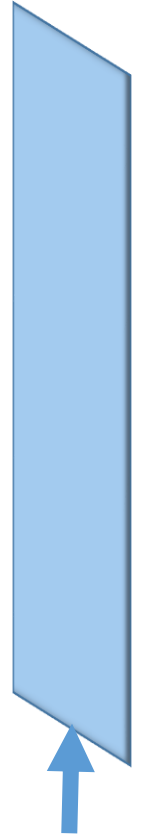


Hold structure in HallA

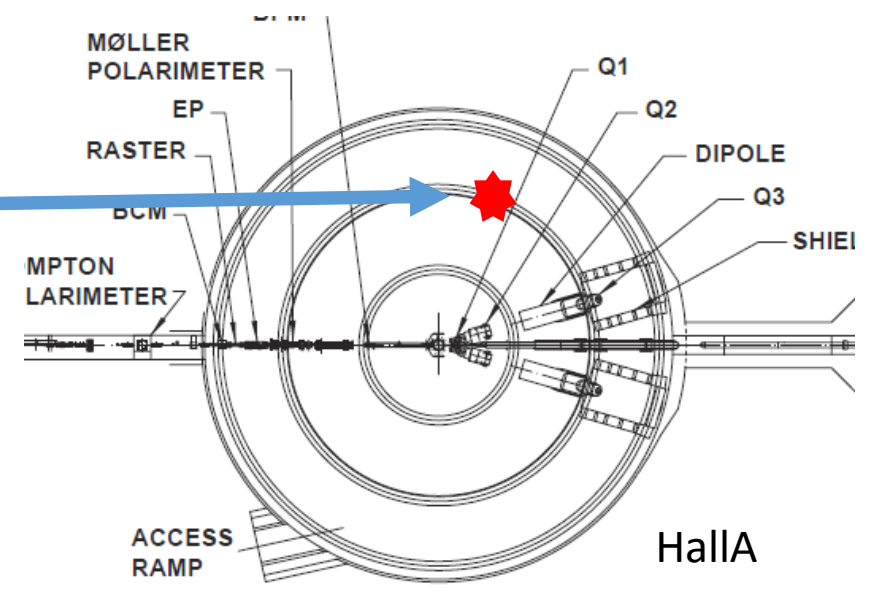


Detector package

Electronics



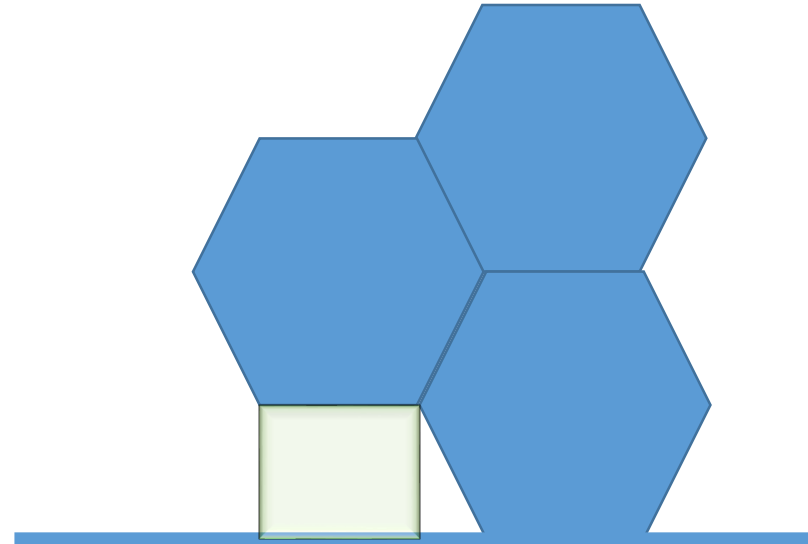
Wall to resist radiation



HallA

Issues to discuss

- The GEM and trigger paddles area is 20" height and 27" width, and the 9 blocks calorimeter is about 14" height and 18" width, which is put in center area. We need to remove some blocks after they finish their test to get trigger and tracking.
- To get cluster, Need hold structure



The work

- The hall may be closed next Monday(earliest time)
 - Install all the detectors to platform
 - Install preshower and SPD, make sure light-tight
 - Electronic and trigger test
-
- ✓ Readout: FADC is ready, could get data from detector
 - ✓ Reference voltage for low gain