Test preparation and status in JLab

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Shashlyk module

- 2 modules from SDU
- Waiting for Tsinghua’s module.
Preshower and SPD

• 3 preshowers and one Forward SPD with both readout
• Need to make sure light-tight
Test setup

- Front trigger scintillator paddle
- GEM detector (5 layers)
- Pershower and SPD
- Shashlyk modules
- 9 calorimeter blocks in square shape
Hold structure in HallA

Wall to resist radiation

Detector package

Electronics
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