

LP1 GEM panel @Beam test

We have to make clear the schedule of beam test
in order to allocate travel budget
though panel production schedule is not fixed yet.

Status of GEM panel

PCB : design is fixed

now in production phase.

1st try was not successful

2nd try is on going (2 weeks from 6/23)

GEM, etc --- all parts are ready

X day ----- PCB delivery

~0.5 week investigation of PCB

~3 weeks PCB additional process + connector fabrication
+ Back frame assembly

~0.5 week framing of GEM

~1 weeks GEM mounting

~4 weeks HV test(including processing) + signal monitor

2 months after X day

Target day middle of Oct. or Nov.

1st GEM panel will arrive at DESY. 2nd,3rd,4th will follow

When can we install panel into EP ??

It's up to 1st MM panel schedule.

How do we use beam time ?

24 hours every day ? how machine time is allocated ?

how long can we stay in beam line ?

We hope to take data with 4 panels setup.

It's up to DAQ/electronics

When do we have to take GEM panels out from EP ?