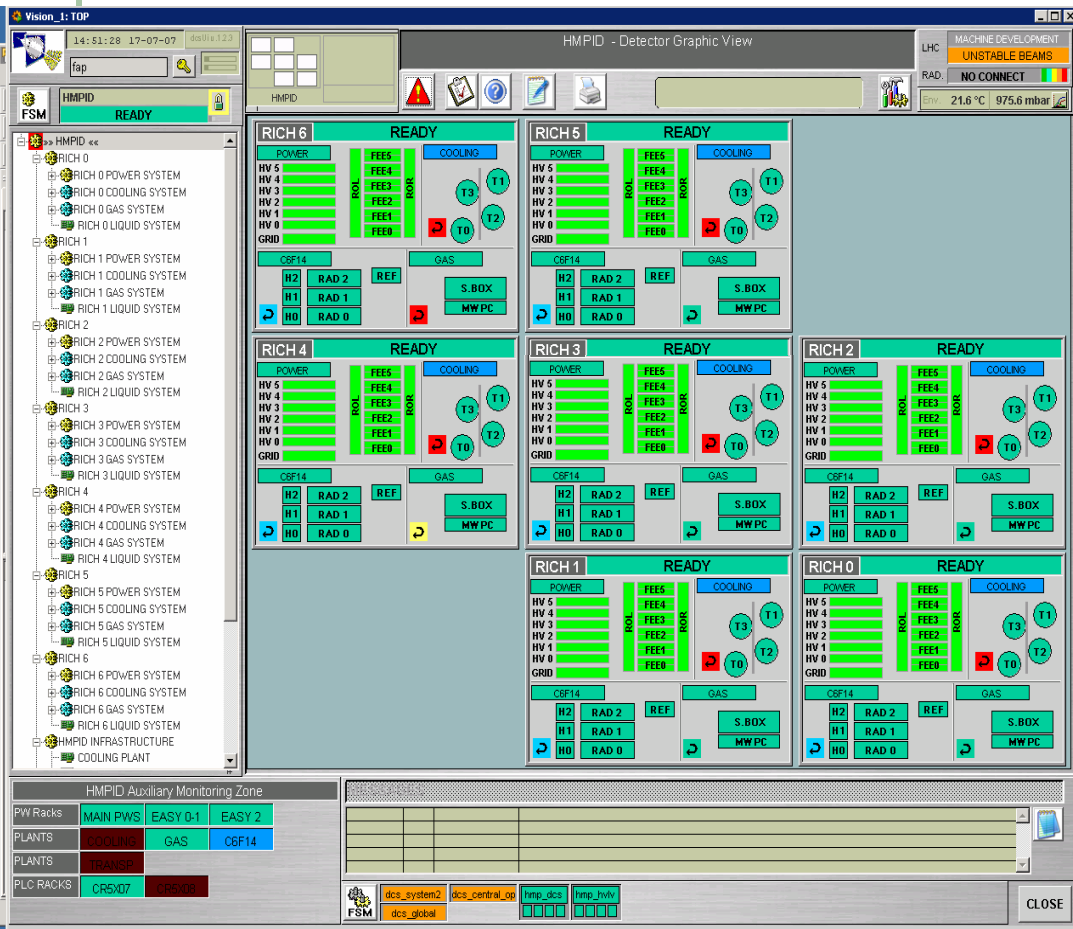


HMPID

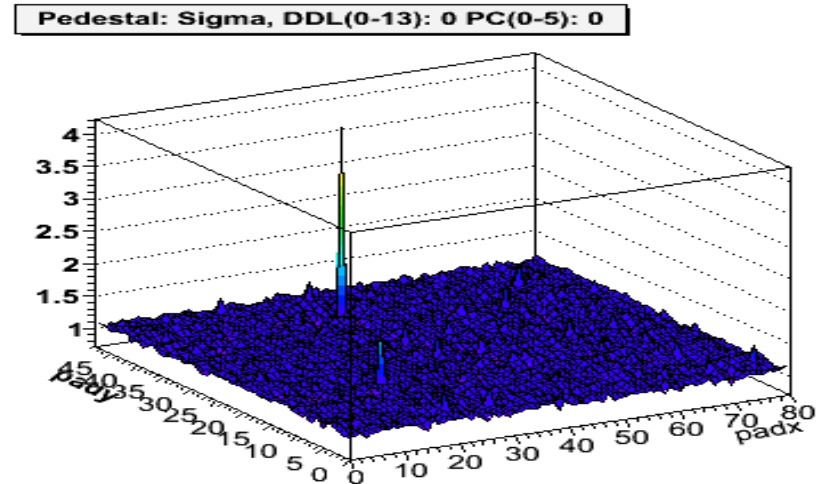
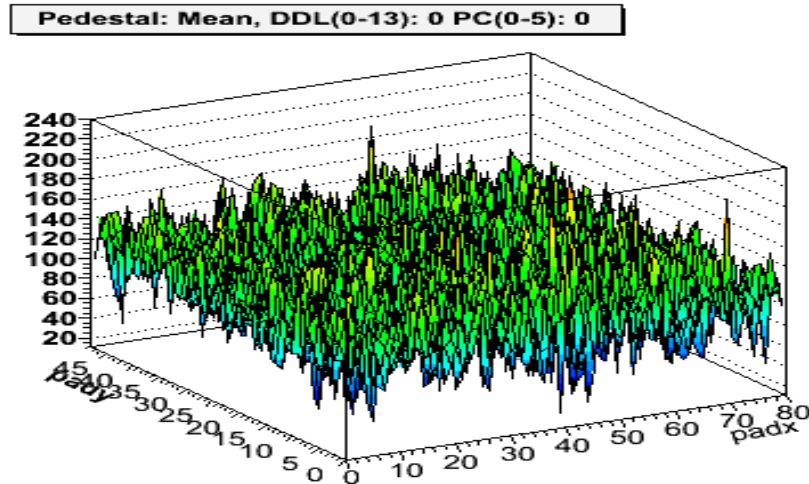
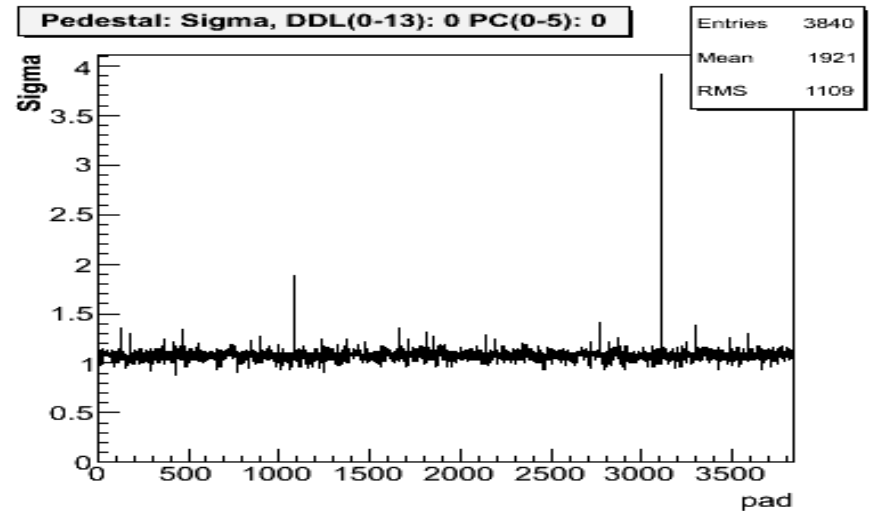
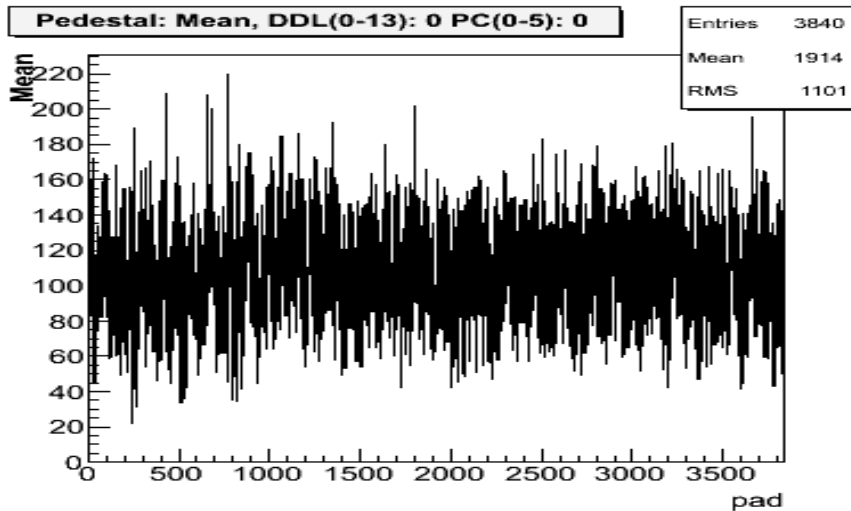
Full Dress Rehearsal Status

Current status



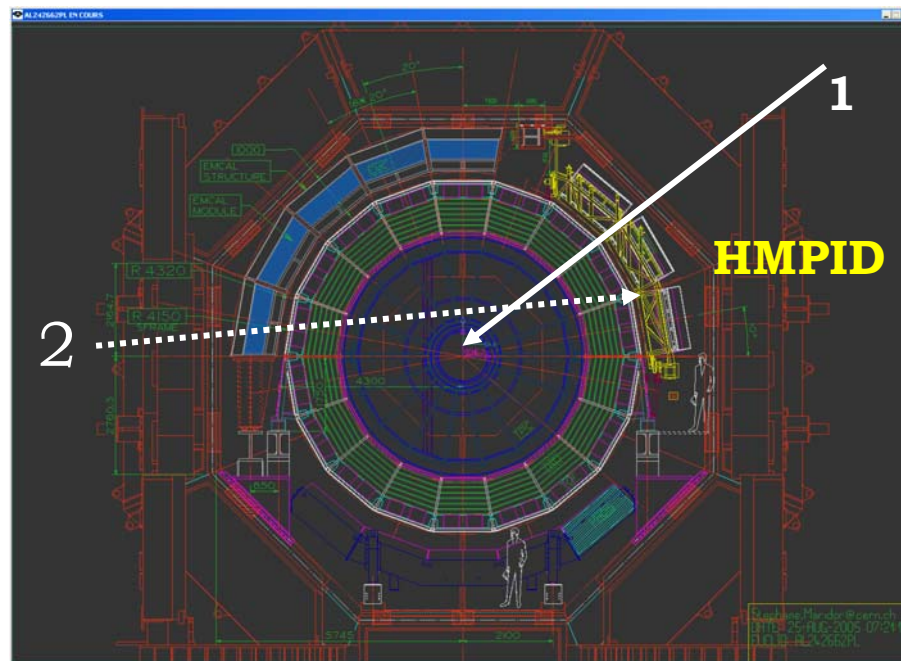
- Installed in the ALICE magnet
- Since July 2007, HMPID is fully powered (LV & HV)
- Detector control via DCS
- Integrated to DAQ
- Systematic test of DDLs
- Pedestal map survey started
- DA validation ongoing
raw pedestal processed offline by DA → move to standard data transfer

Pedestal map



- Pedestals and sigma distribution for HMPID module 0, photocathode 0
- Sigma ~ 1 ADC channel (~1000e) as expected!

Cosmic running



- Liquid system is not ready for Dec. (exp.: January, 2008)
Once completed:
 - Case 1: no photons are generated only mip (partial reco?)
 - Case 2: mip + photons (full reco), trigger from TOF or TRD?
Flux?

Plans and analysis strategy...

- Catch low flux cosmic muons, (random trigger or TOF/TRD – under discussion):
 - If tracking: test of full reconstruction
 - Rate?
- Embed ring pattern in pedestal:
 - Test HTA (only ring reconstruction no tracking information)
- Simulation (possibility?):
 - Injected through TRD: test of full reconstruction
 - Only mean to do sensible analysis!