



# Gas Analysis Update

- RICH1 **OK**  
Air quantity increasing
- RICH2 **OK**  
Three different calibs ?
- MWPC **PROBLEM**  
Concentration values  
too far from ideal ones
- Bronkhorst pressure  
regulator installed
- **Problems** arisen after its  
configuration
- => No reliable results for  
analysis done within the  
last two weeks

**LHCb**

**CMS**



# GC Tracker Status



- **Experimental difficulties**
  - C6F14 low vapour pressure
  - Liquefies very easily (at room temperature)
- **Mixture test with different ratios**
  - No C6F14 peak in the chromatograms
  - C6F14 Appeared only in this particular condition:
    - N2 flow = 4 l/h, C6F14 flow = 1 l/h
    - Heating band turned on
    - 10 minutes delay between each analysis
    - I wasn't able to replicate the result later
- **Removing the filter can be dangerous for the GC**

