

Preparation for the next test beam

- New detector ready (resistive ink)
- Front-end cards with new ASICs were received yesterday
- Now prepare for DAQ update to use the shaping bypass mode
- Plan to install new detector + new electronics + updated software on May 4-7 at DESY
- TPC jamboree in Orsay May 11-14 : registration open, program being worked out (program committee being set up)
- Data taking from May 15-18 to June 2-3.

Tentative TPC jamboree program

- Ion backflow : simulations in ALICE
- Gas gain fluctuations : theories and measurements
- Effect of dynamic range of the electronics on the resolution
- Optimal sampling frequency
- Event reconstruction with no trigger (Panda)
- Charge estimate without or with resistive foil
- ... and many other questions

Next test beam tentative program

- Data at various z (needs moving table)
- 3 available detectors, 2 of them with resistive anode
- Laser + marked cathode available?