

ISR DT Storage & Work Update

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ISR Chamber Tests Status

- 5 MB2 chambers stored at ISR since the end of November
 - 4 Stacked on 10cm thick Styrofoam pads => OK
- Overpressure tests (P.Giacomelli G.Fetchenhauer) gave rather low time constants 6.5 to 39 minutes. Problem with connector, O-ring...
 - => Ongoing repair work by Jesus Puerta, Mary-Cruz
 - => Final gas (water) connectors urgently needed
- DAQ System resurrected beginning of February, some data taking with cosmic ray trigger only below the chamber
 - => OK

- HV tests of second chamber batch **MB2+2** to **MB2+5**
 - => **MB2-P2** Wire SL1, **MB2-P3** Wire SL3
 - MB2-P5** Strip SL3, **MB2-P4** Cathode SL1
 - => Ongoing repair work (Jesus, Mary-Cruz):
 - one broken wire
 - bad contact on cathode (fixed)
 - bad strip (dirt?)
- Additional trigger counters to give good coverage for Theta and Phi views with high rate (50 – 60Hz)

Urgently Needed

- **RPC docking pads** (time consuming operation at ISR, should be done at sites)
- **HV cables**, still 8days away from definition ???
- **Analysis programs, strategy** (large volume of channels to look at)
- **Standardization of QC parameters**, definition of good chamber in terms of:
 - **leak rate, dead channels, noisy channels,.....**
- Chamber handling tools
- Second HV system.....