



*Aachen*



**CMS**  
**BARREL MUON**  
**DT CHAMBERS**

*Status*  
*of*  
*Production*  
*at*  
*Aachen*

*Hans Reithler*  
*020404*

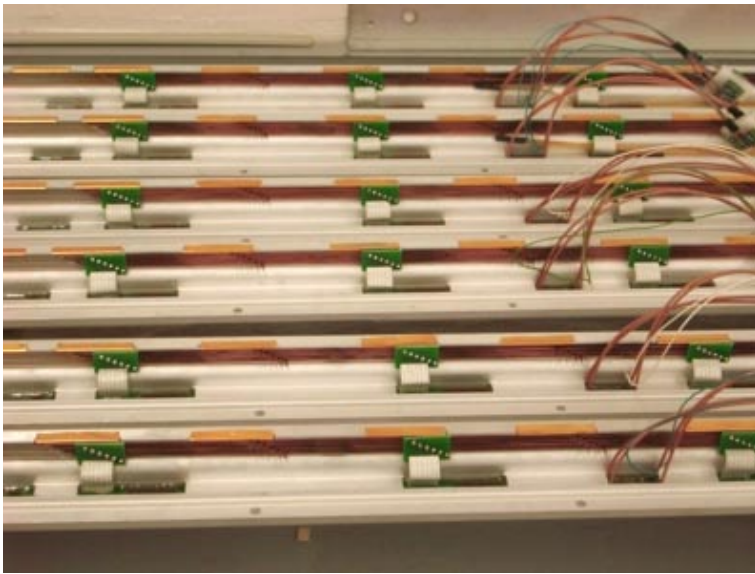


# Status

- Summary of SL/DT production:

SLs Mech. Finished	27
SLs HV assembled	19
SLs FE assembled	15
SLs HV test in Ar/CO <sub>2</sub>	7
SLs Fully tested	2 (one of which was damaged)
DTs assembled	2

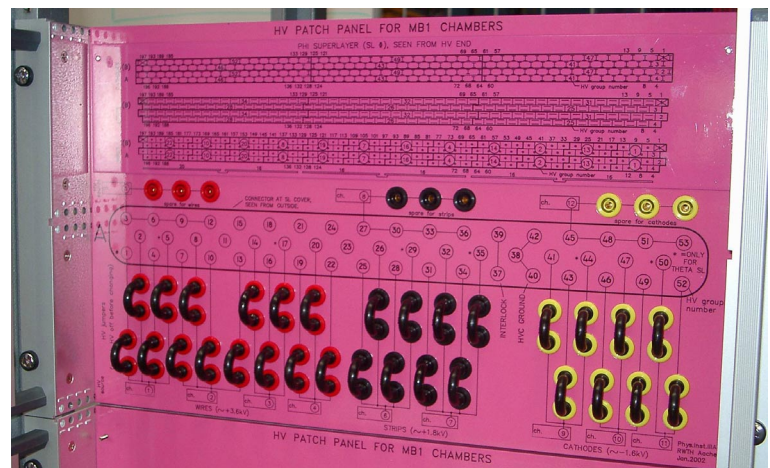
- Ongoing work on tooling (handling, storage, SL positioning, signal cables, level shifters, gas piping, ...)
- HV tests time consuming: SL which passed the tests in Ar/CO<sub>2</sub> giving problems during cosmics test. HV system disturbing (noise... when camac access takes place - being checked). Are hopefully at end of learning curve.
- Overview of QC experience at Aachen: see talk K. Hoepfner.
- DAQ (cosmics) running with 64 channels now; more level shifters coming. Had ~ 1 week loss due to a system crash. Measurements of noise, dN/dt, resolution, efficiency: see talk Th. Hebbeker.
- Work on pressure transducers, gas tightness, O<sub>2</sub> measurement: see talk M. Sowa.
- Finalized work on *gas components* for DT (fittings, manifolds, pressure transducers, piping); also list and cost estimation of *cooling components* on DT ): see talk H. Reithler.
- Batch of 6 MB1 honeycomb panels arrived ~020322 for control at Aachen - measured last week, see talk H. Reithler. Full batch of 10 MB1, 10 MB2, 10 MB3 foreseen to be finished by ~020415.
- Awaiting final GND springs/foils for FE cover; FE covers (are underway).
- Al plates for 3 SLs left (plates for 9 SLs announced).
- Are needing bills related to the commitments made.



HR 0203

FE covers being equipped with LV bars, gas-tight connector feedthroughs.

HV patch panel with removable bridges and numbering scheme, as used for HV tests.



HR 0203



HR 0203

Oxygen meter setup, while connected to one SL