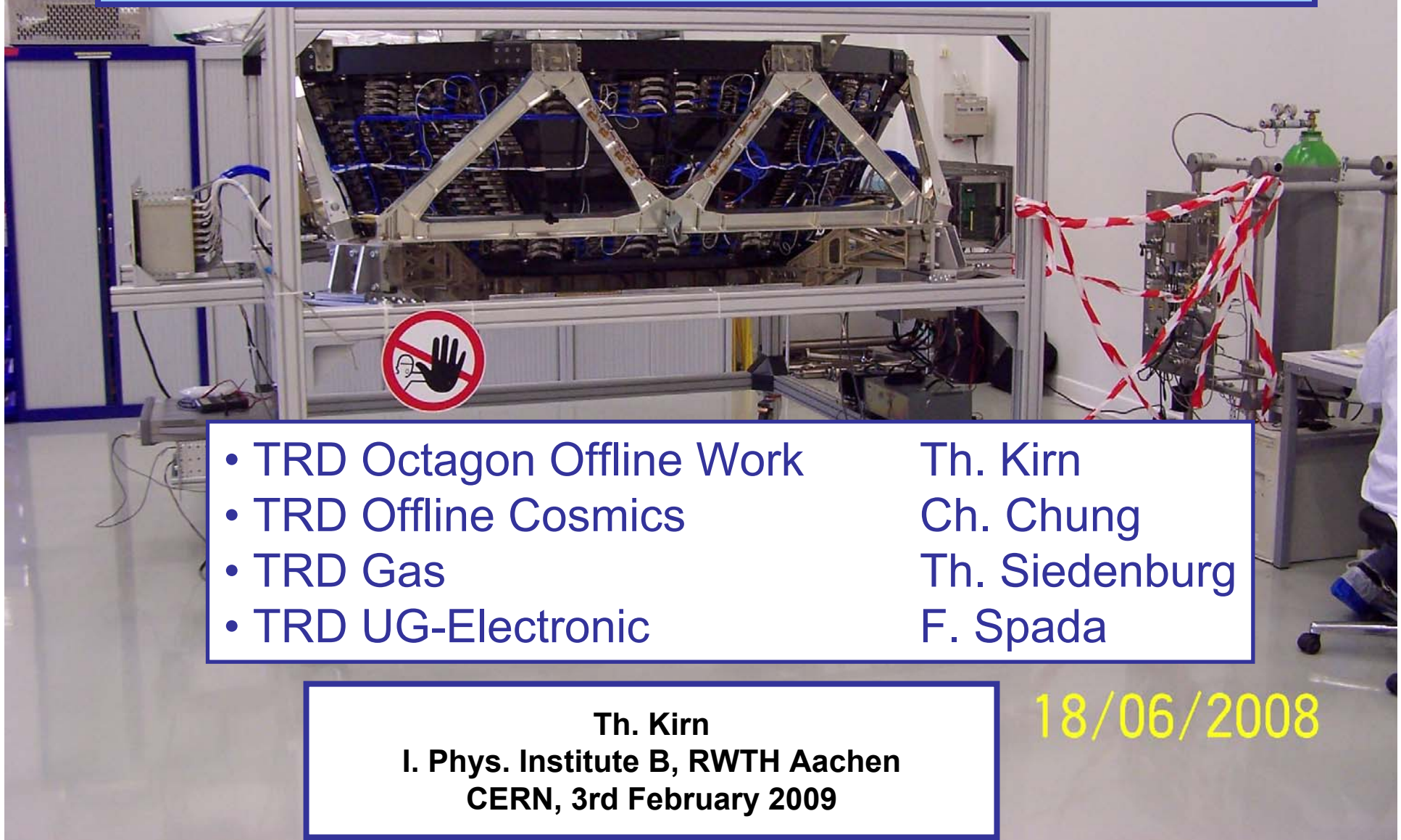


AMS TIM & General Meeting

TRD Report



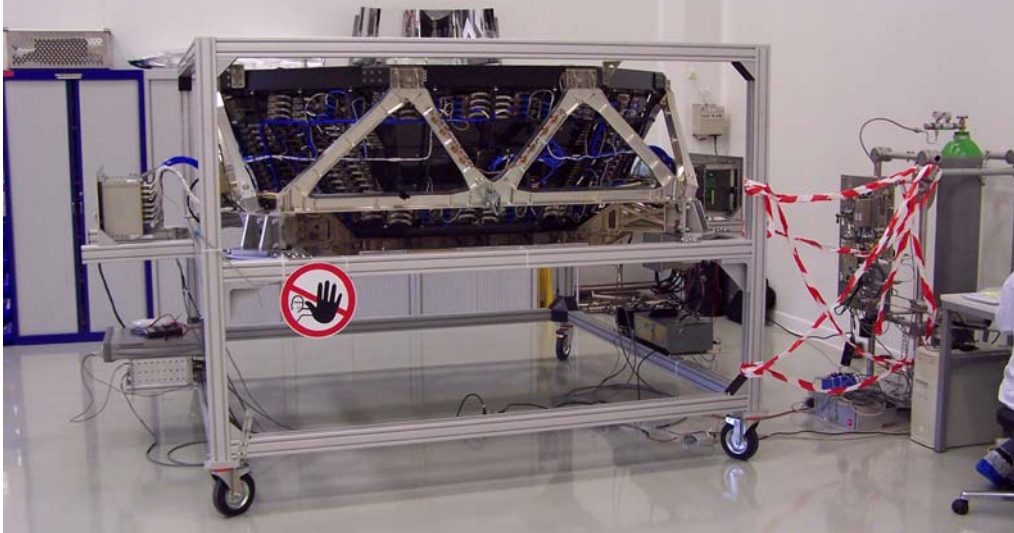
- TRD Octagon Offline Work
- TRD Offline Cosmics
- TRD Gas
- TRD UG-Electronic

Th. Kirn
Ch. Chung
Th. Siedenburg
F. Spada

Th. Kirn
I. Phys. Institute B, RWTH Aachen
CERN, 3rd February 2009

18/06/2008

TRD Gastightness

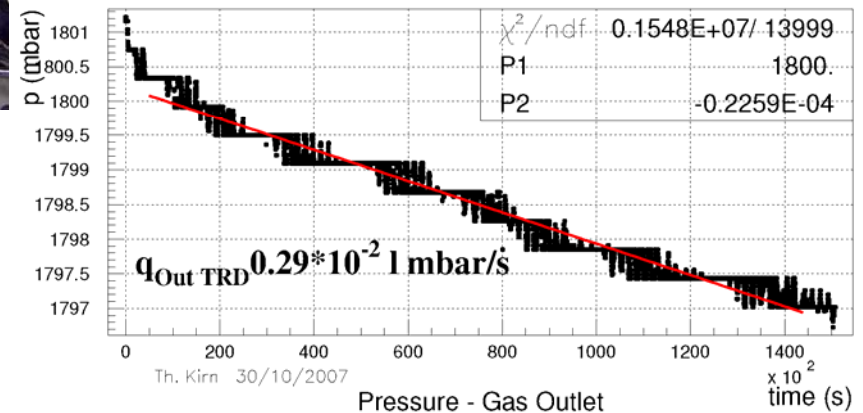
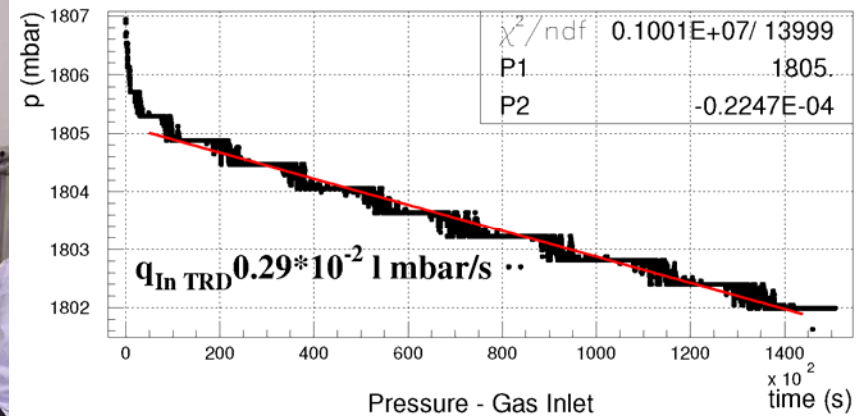


Ar/CO₂- (80%/20%) dp/dt-Measurements
of TRD after delivery to CERN October 2007:
 $q_{\text{CO}_2} = 0.29 \cdot 10^{-2} \text{ l mbar/s @ } 1013 \text{ mbar}$

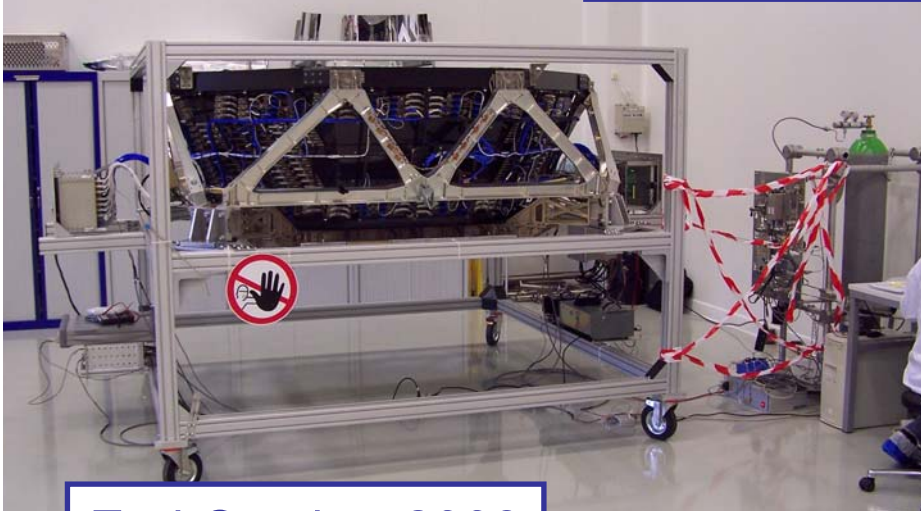
Σ He-dp/dt-Measurements of 328 individual
straw modules during production:

↳ $q_{\text{He}} = 3.09 \cdot 10^{-2} \text{ l mbar/s}$

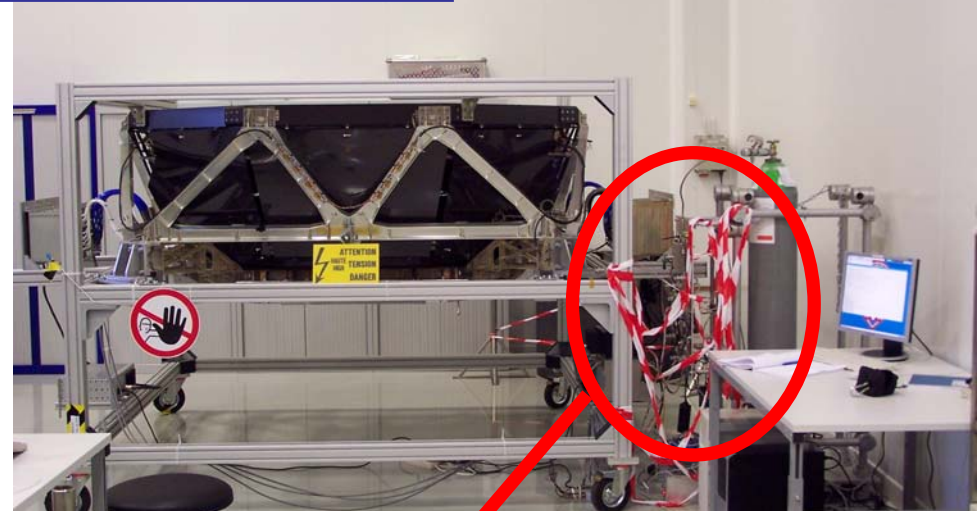
→ TRD gastight



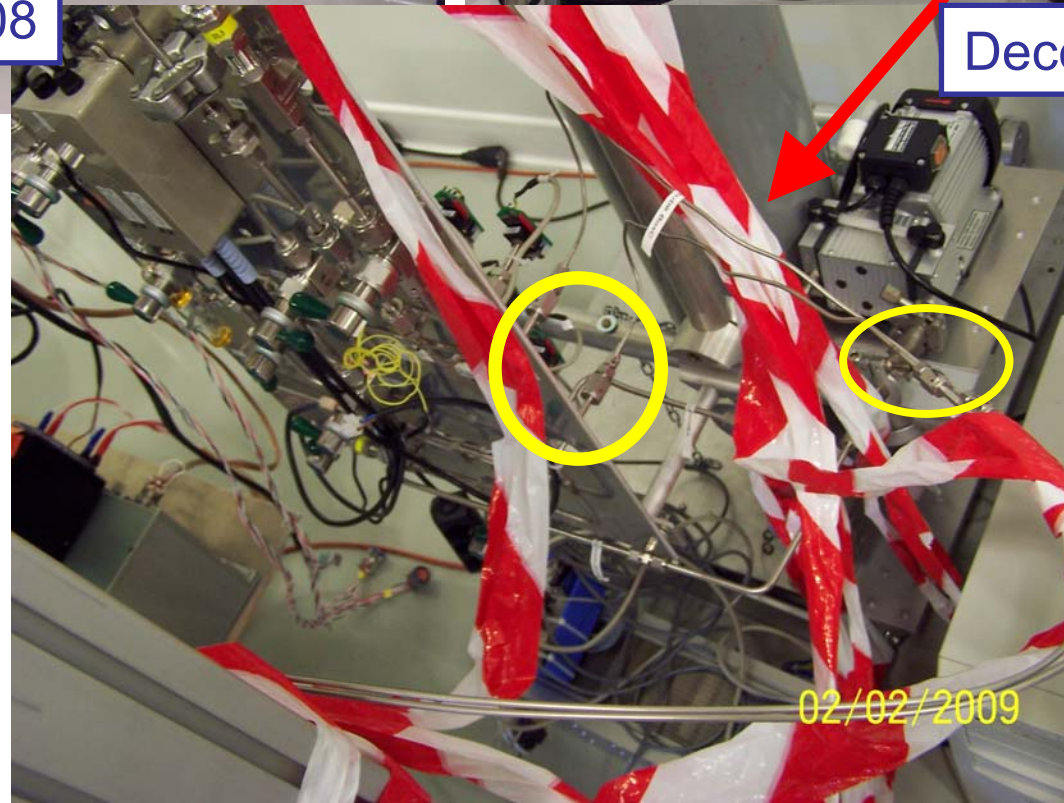
TRD Position and Gastightness



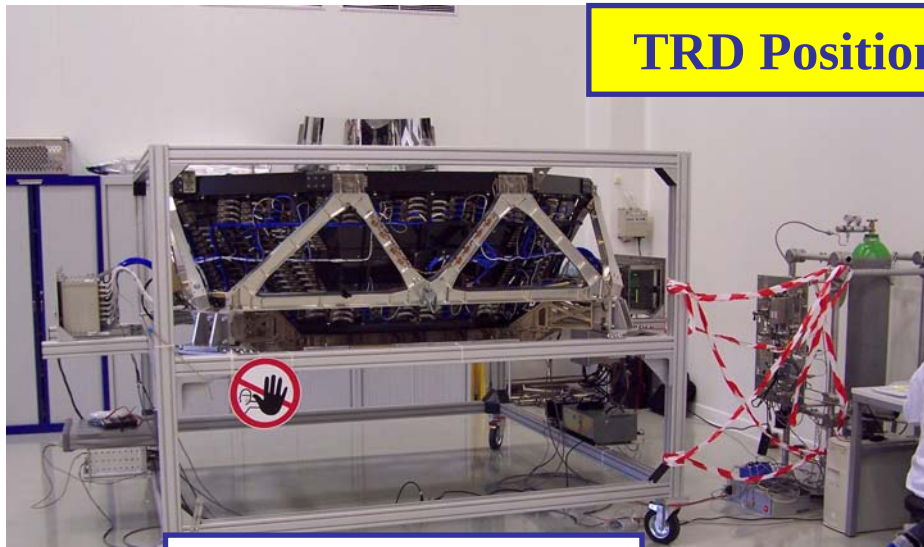
End October 2008



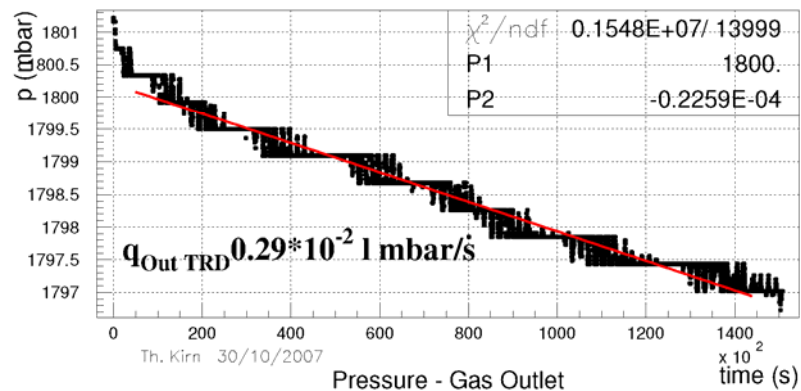
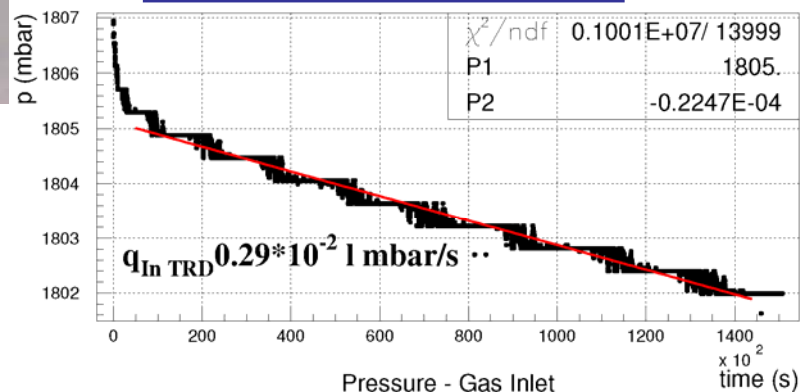
December 2008



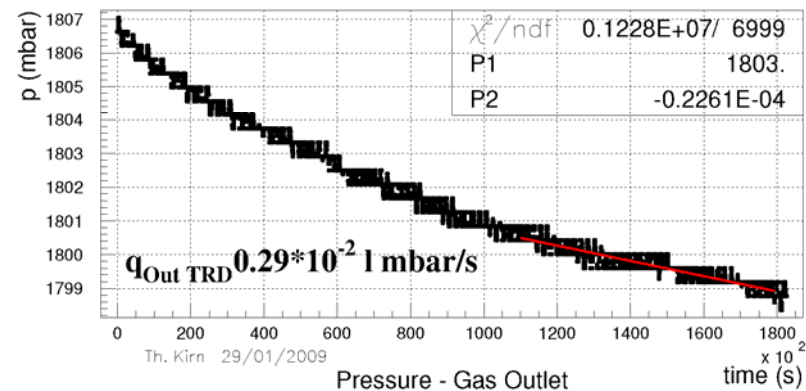
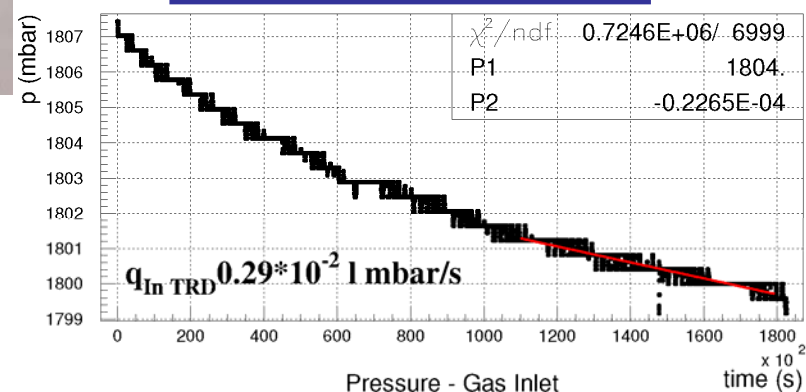
TRD Position and Gastightness



End October 2007



December 2008



TRD Octagon Offline Work

- M-Structure Heater Function Test
- Ground Strap Connection

TRD Octagon Offline Work

Securing of UFE-signal cable
@ UFE-board

Securing of HV-cable @ UHVD-board

