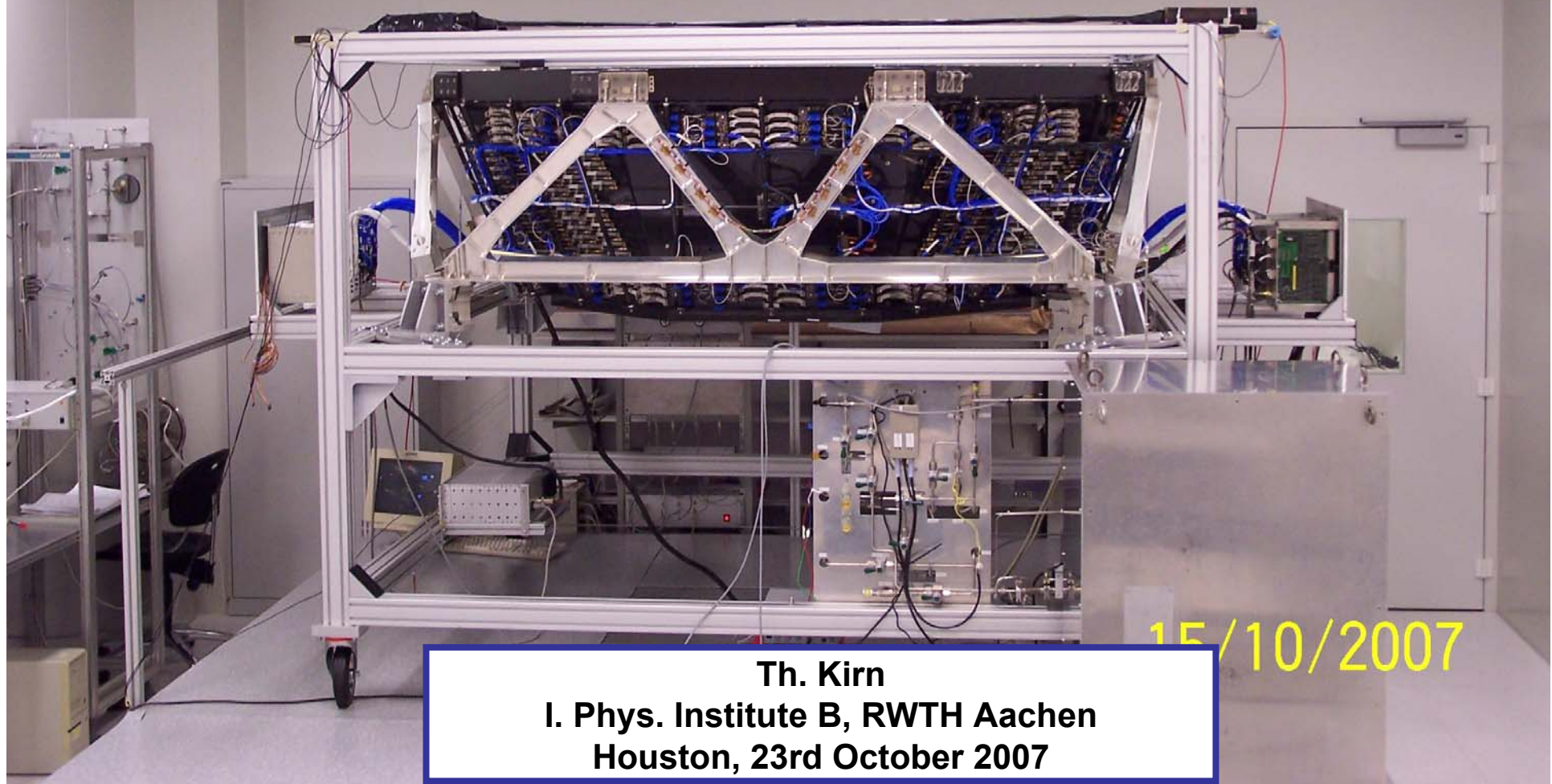


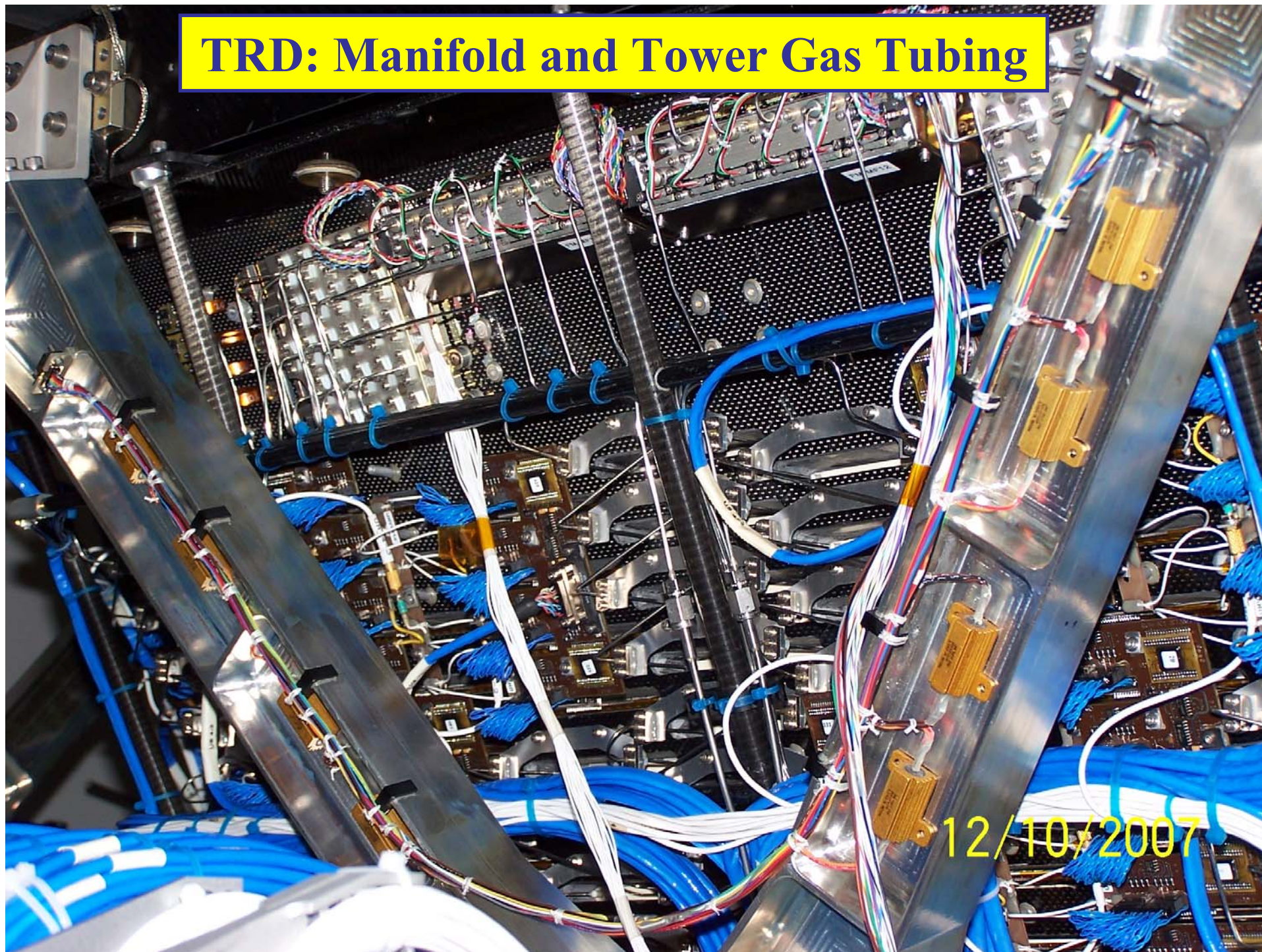
AMS TIM & General Meeting TRD Integration Status Report



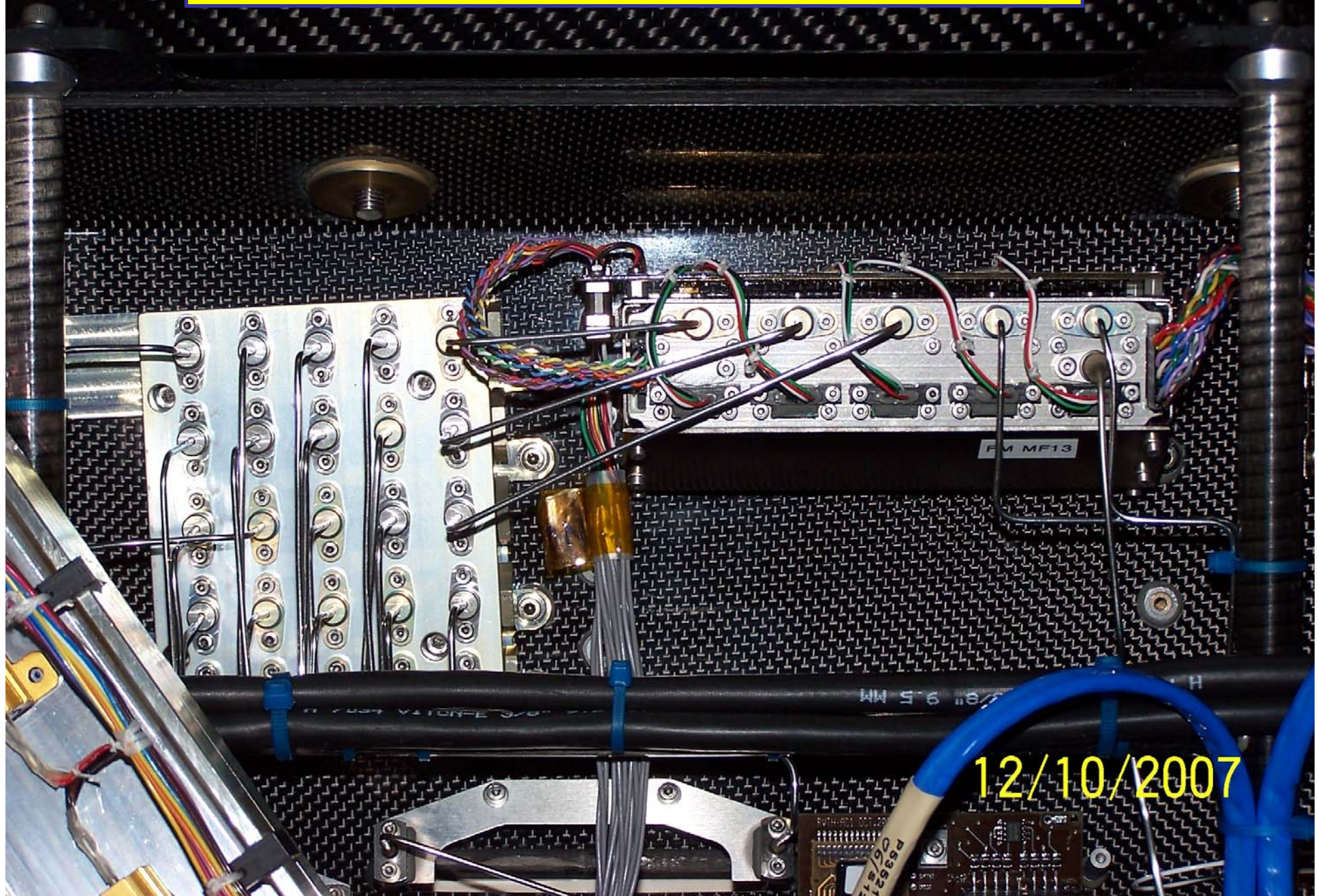
15/10/2007

Th. Kirn
I. Phys. Institute B, RWTH Aachen
Houston, 23rd October 2007

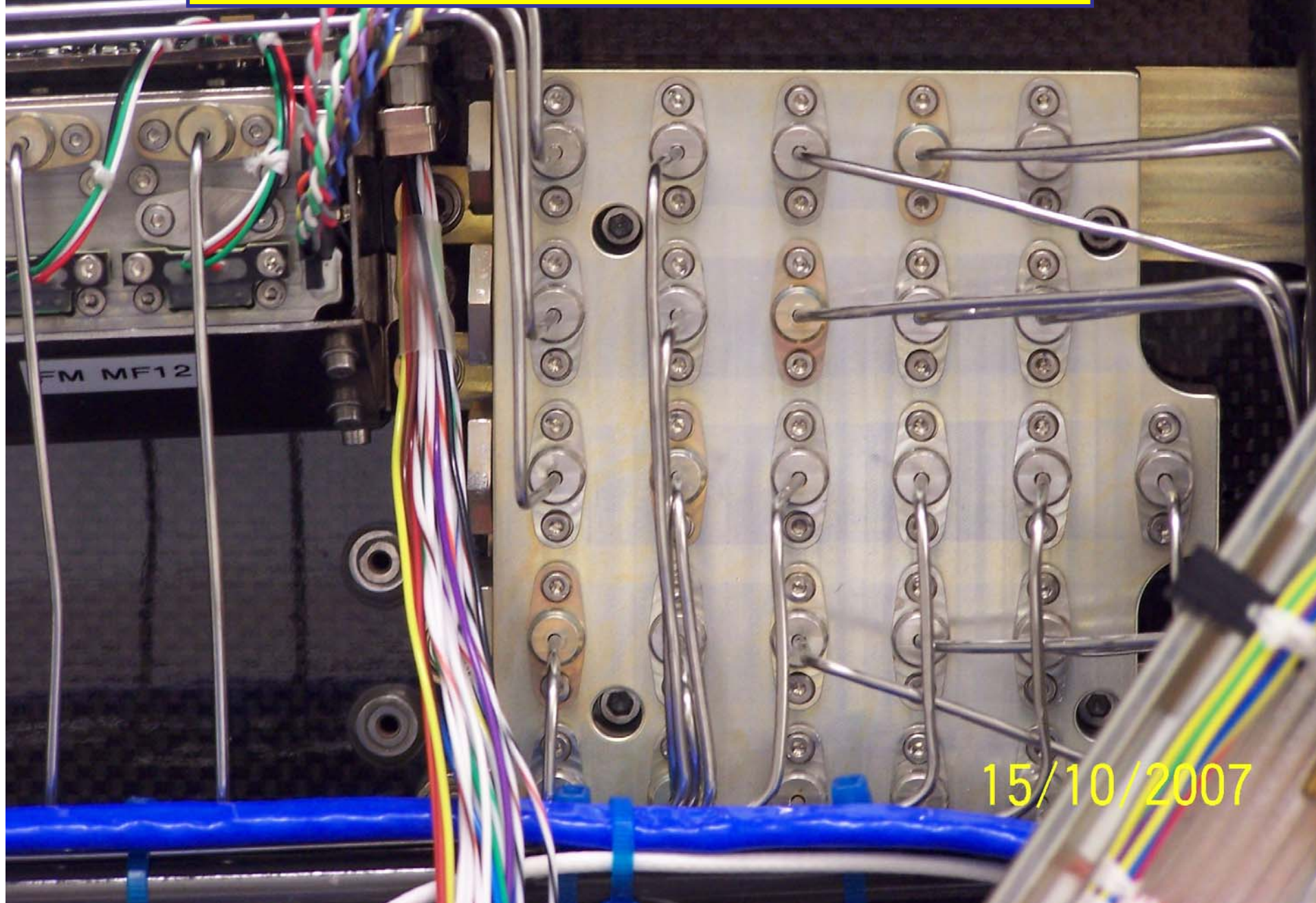
TRD: Manifold and Tower Gas Tubing



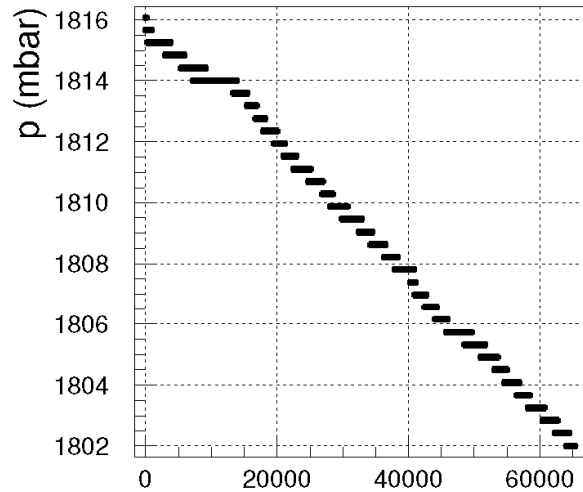
TRD: Manifold and Tower Gas Tubing



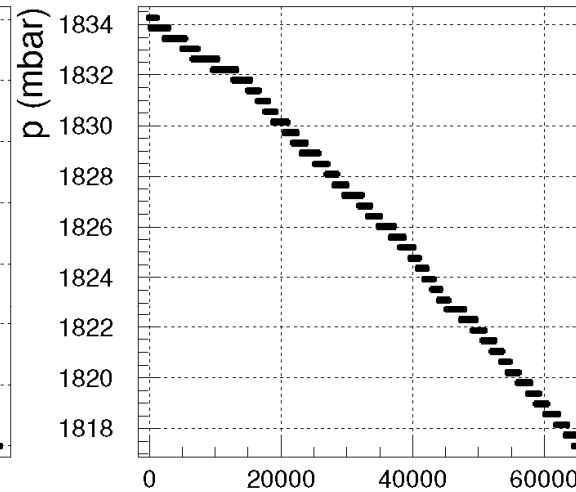
TRD: Manifold and Tower Gas Tubing



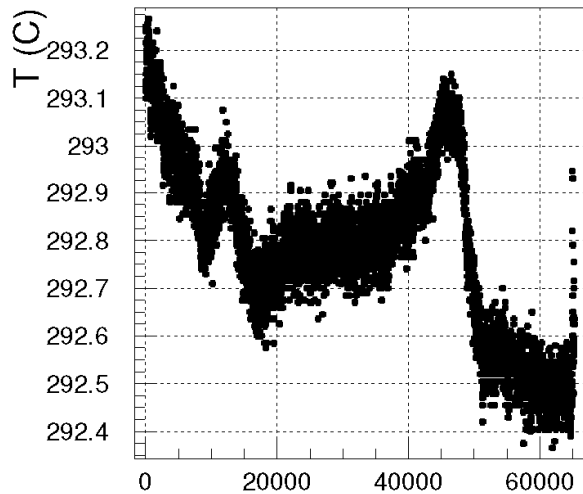
TRD: Manifold and Tower Gas Tubing: Gas Tightness



Pressure GK1time (s)

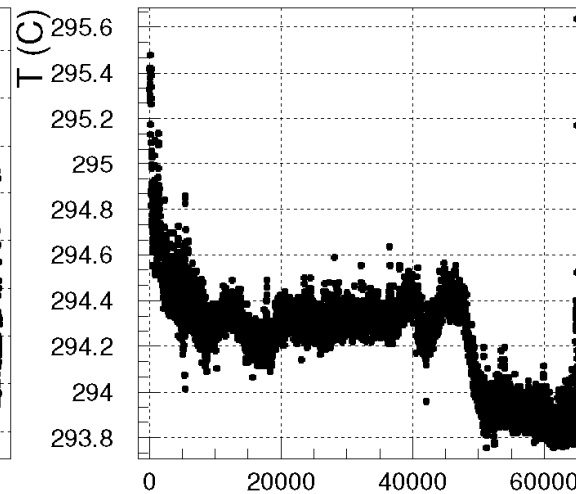


Pressure GK2time (s)



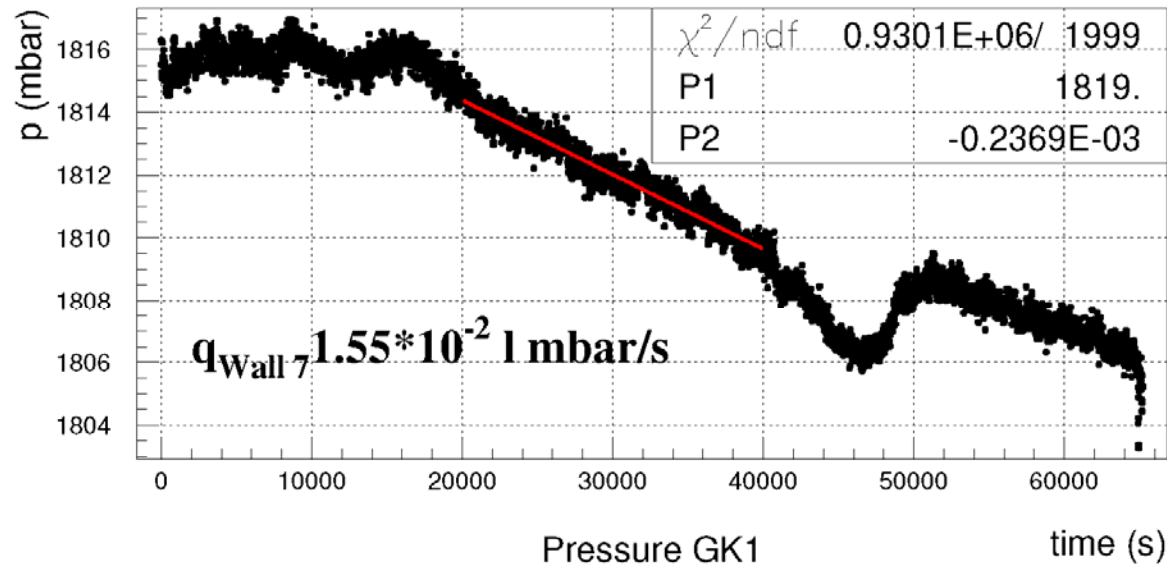
Th. Kirn 04/09/2007

T GK1 time (s)



T GK2 time (s)

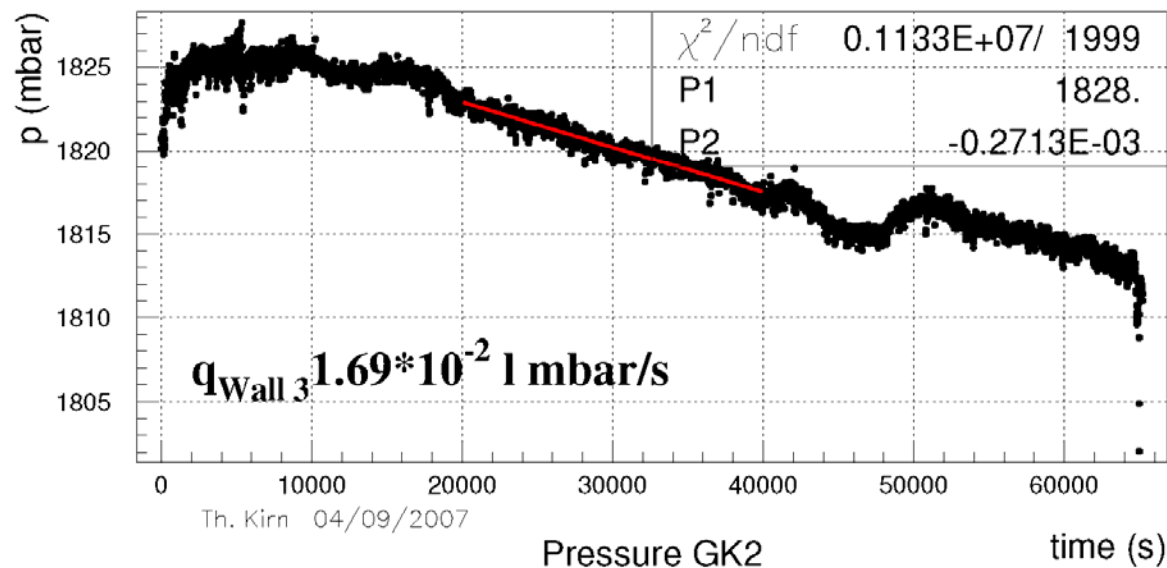
TRD: Manifold and Tower Gas Tubing: Gas Tightness (Helium)



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

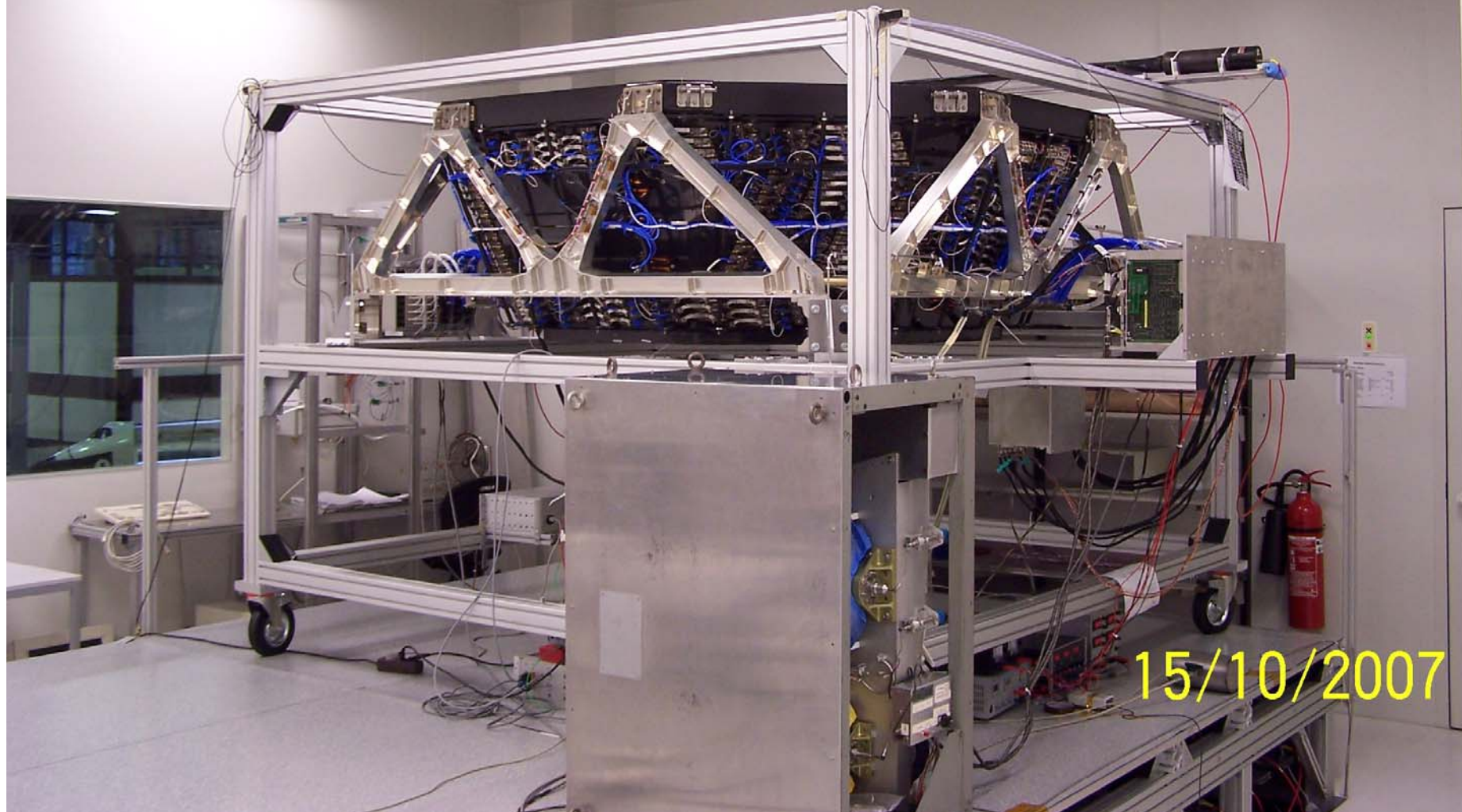
$$q_{\text{Wall } 7} = 1.56 \cdot 10^{-2} \text{ l mbar/s}$$

$$q_{\text{Wall } 3} = 1.53 \cdot 10^{-2} \text{ l mbar/s}$$



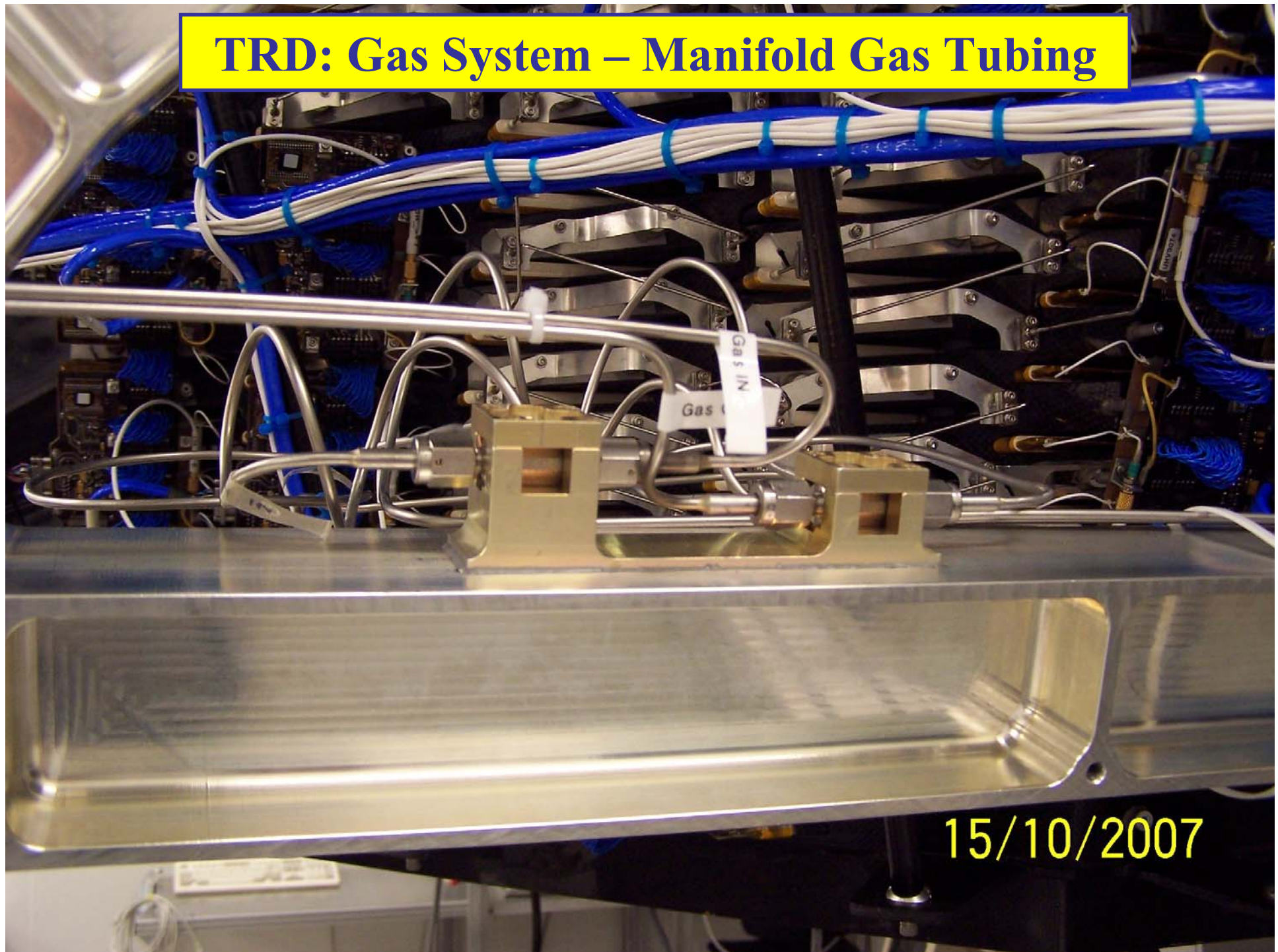
→ Safety Factor 8 for CO₂

TRD: Gas System – Manifold Gas Tubing

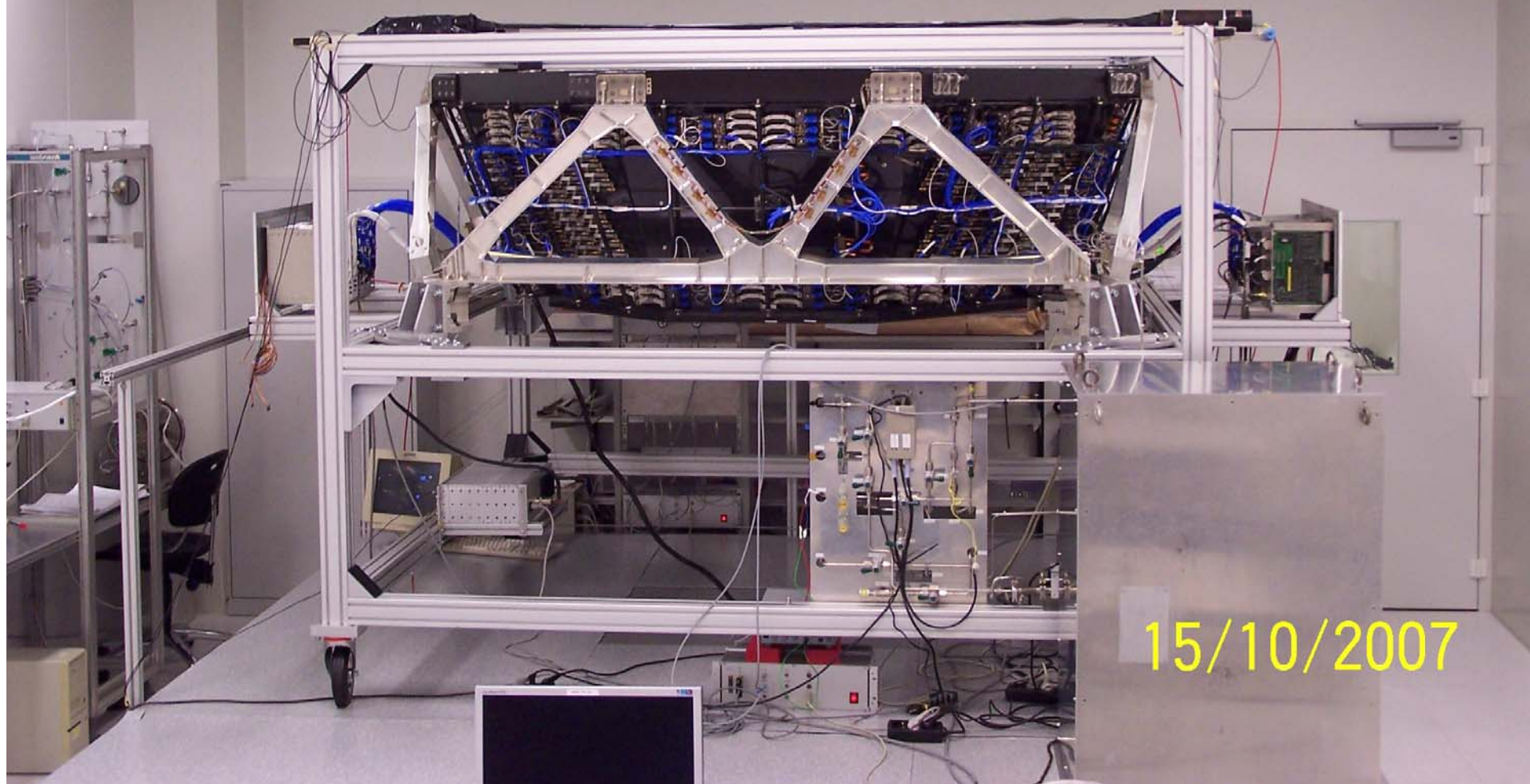


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TRD: Gas System – Manifold Gas Tubing

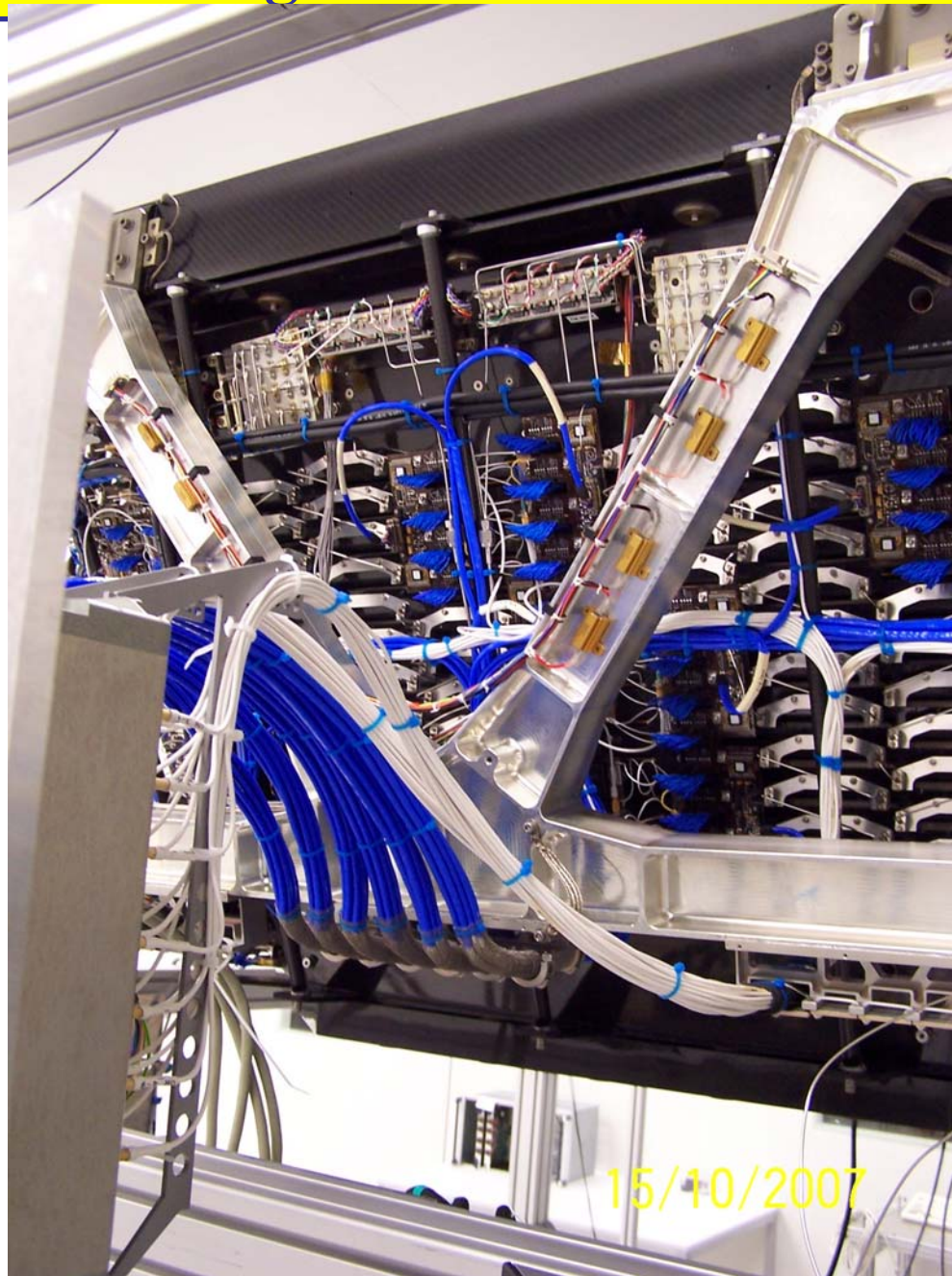


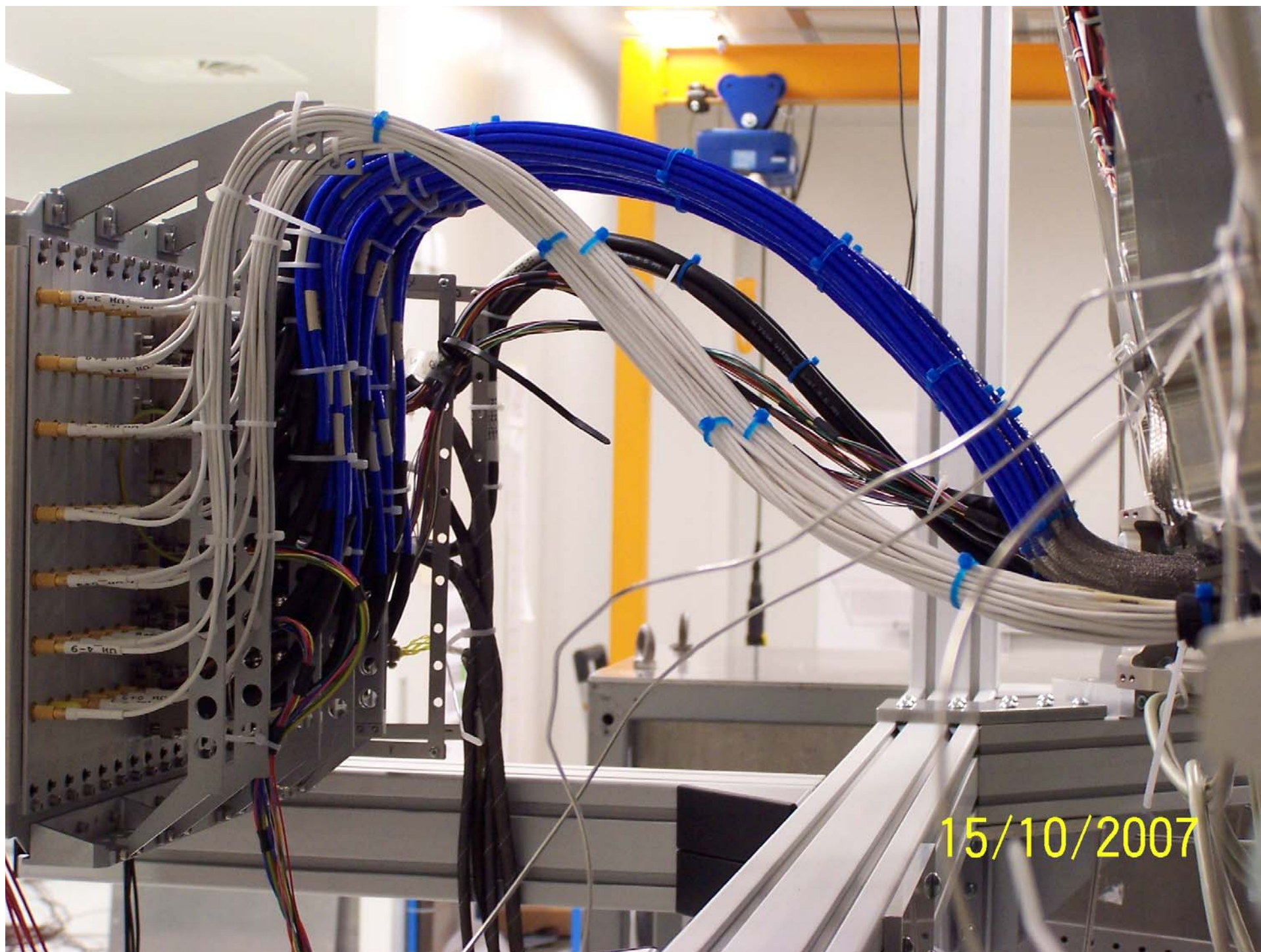
TRD: Flight Readout & HV Cabling



15/10/2007

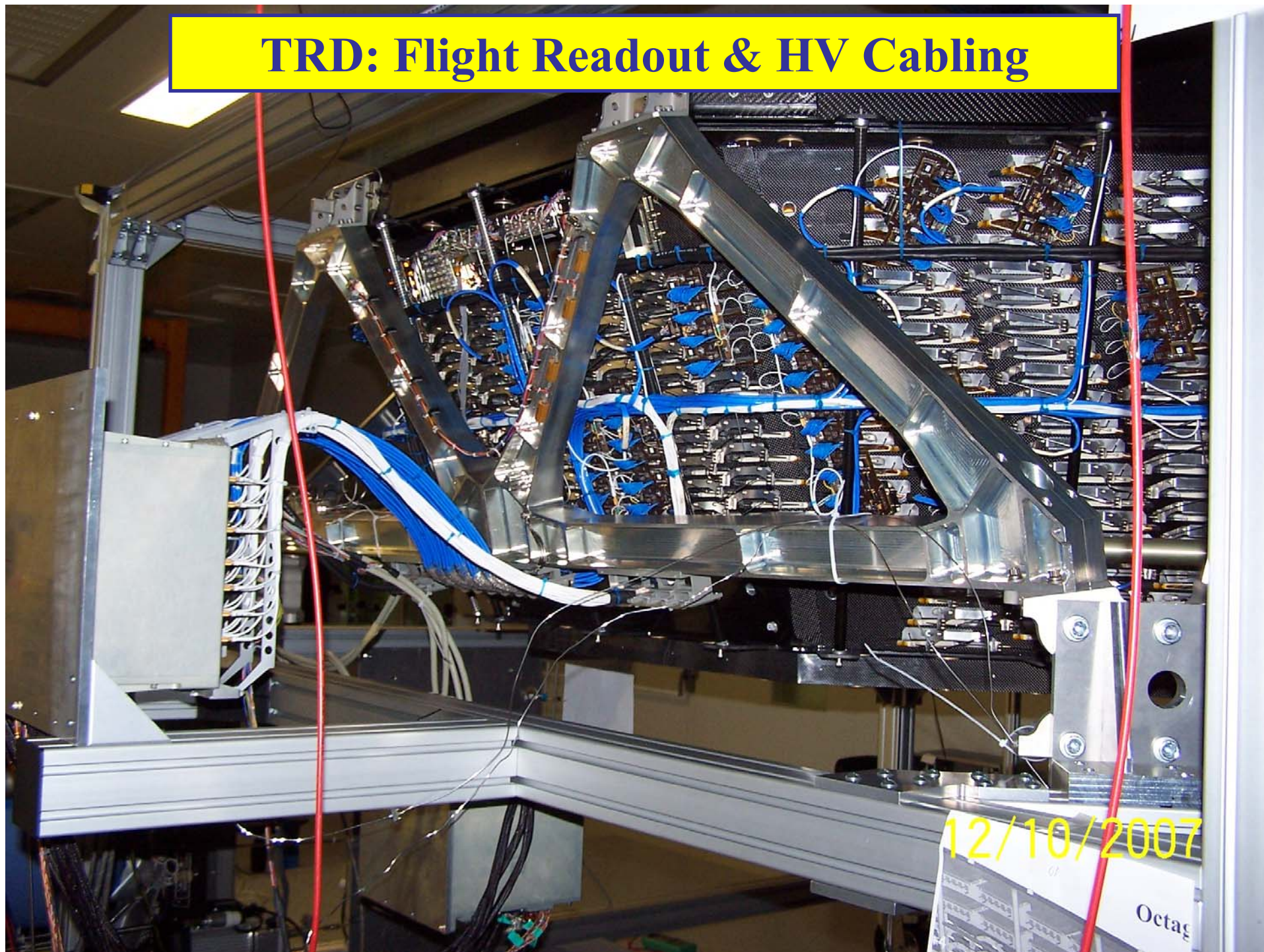
TRD: Flight Readout & HV Cabling



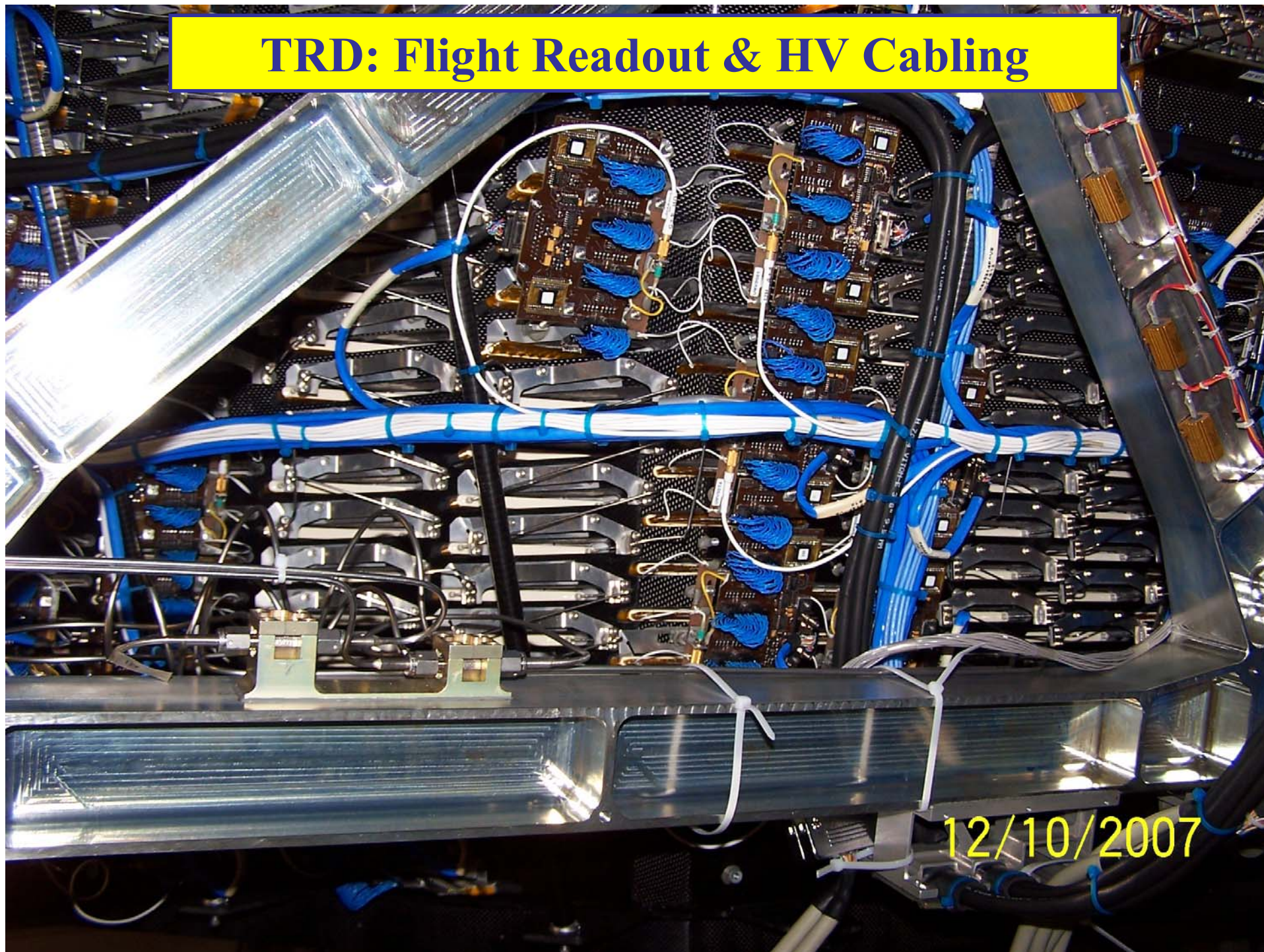


15/10/2007

TRD: Flight Readout & HV Cabling

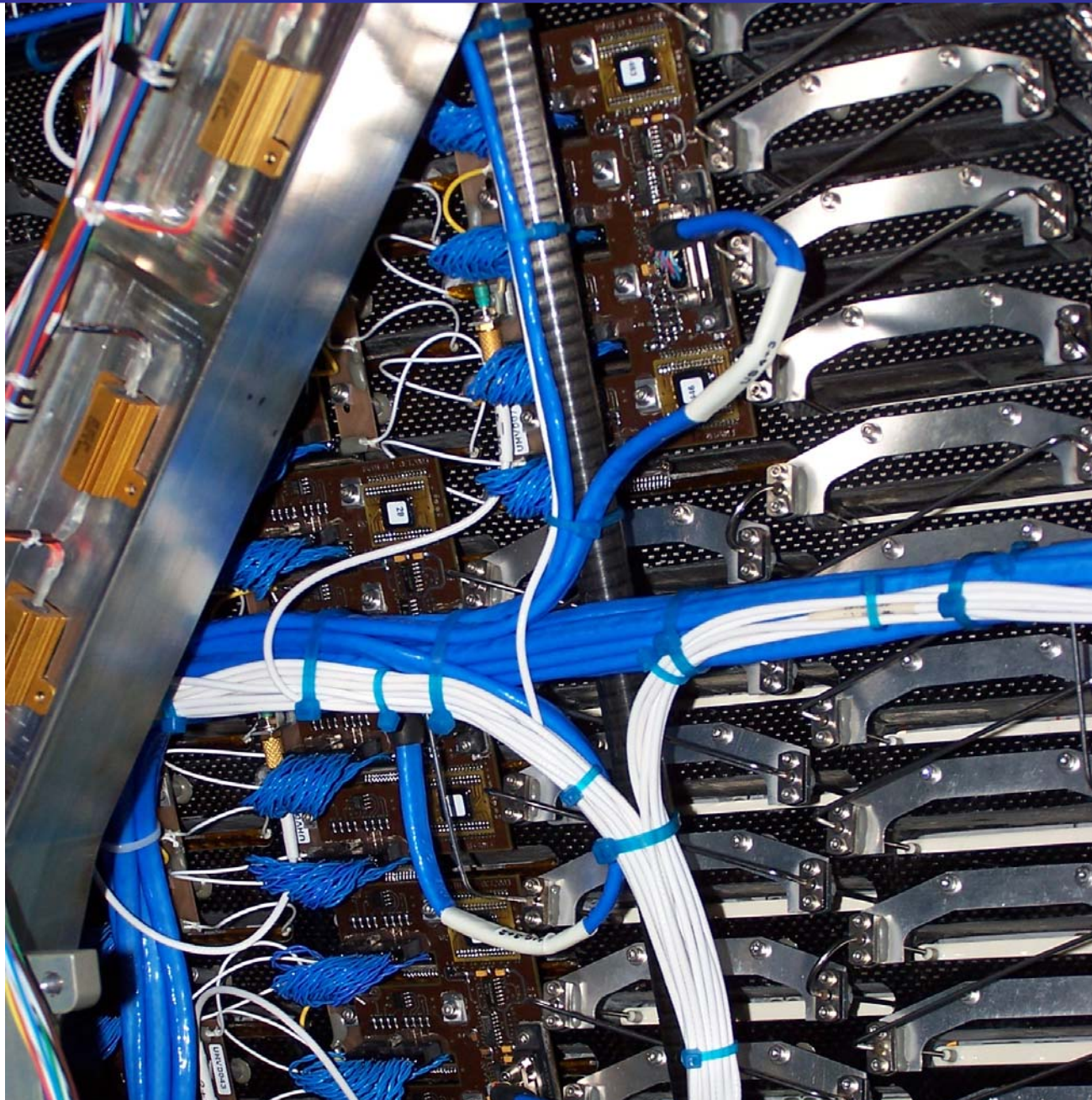


TRD: Flight Readout & HV Cabling

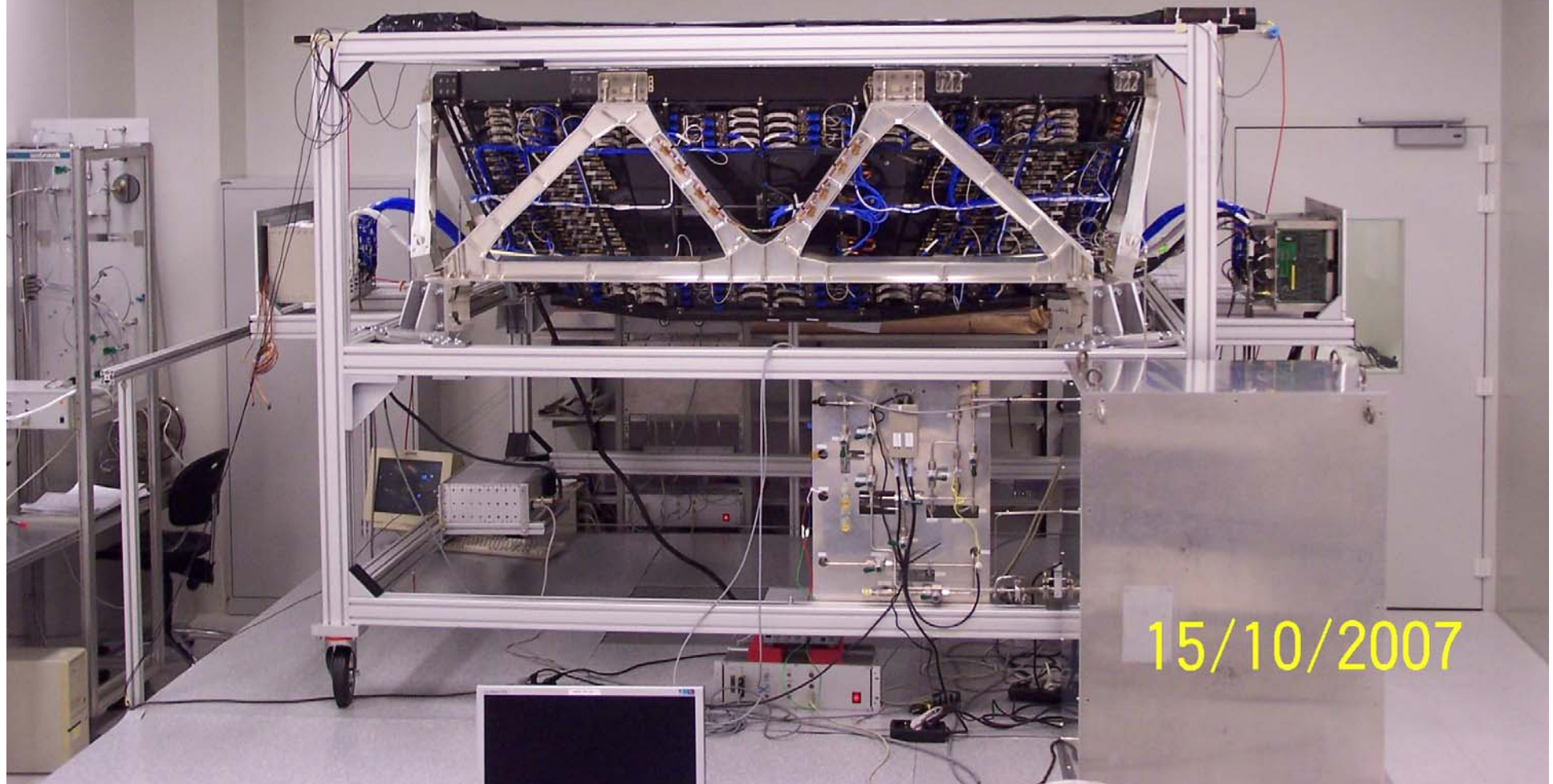


12/10/2007

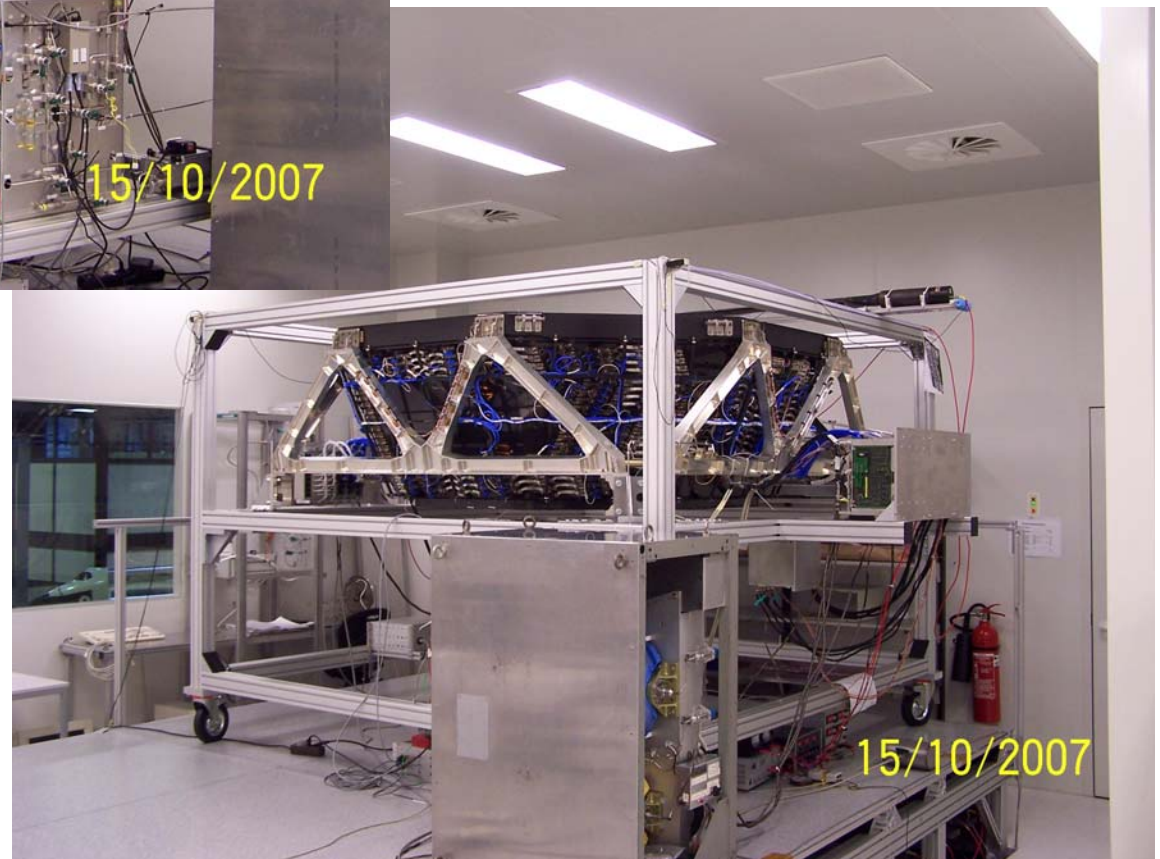
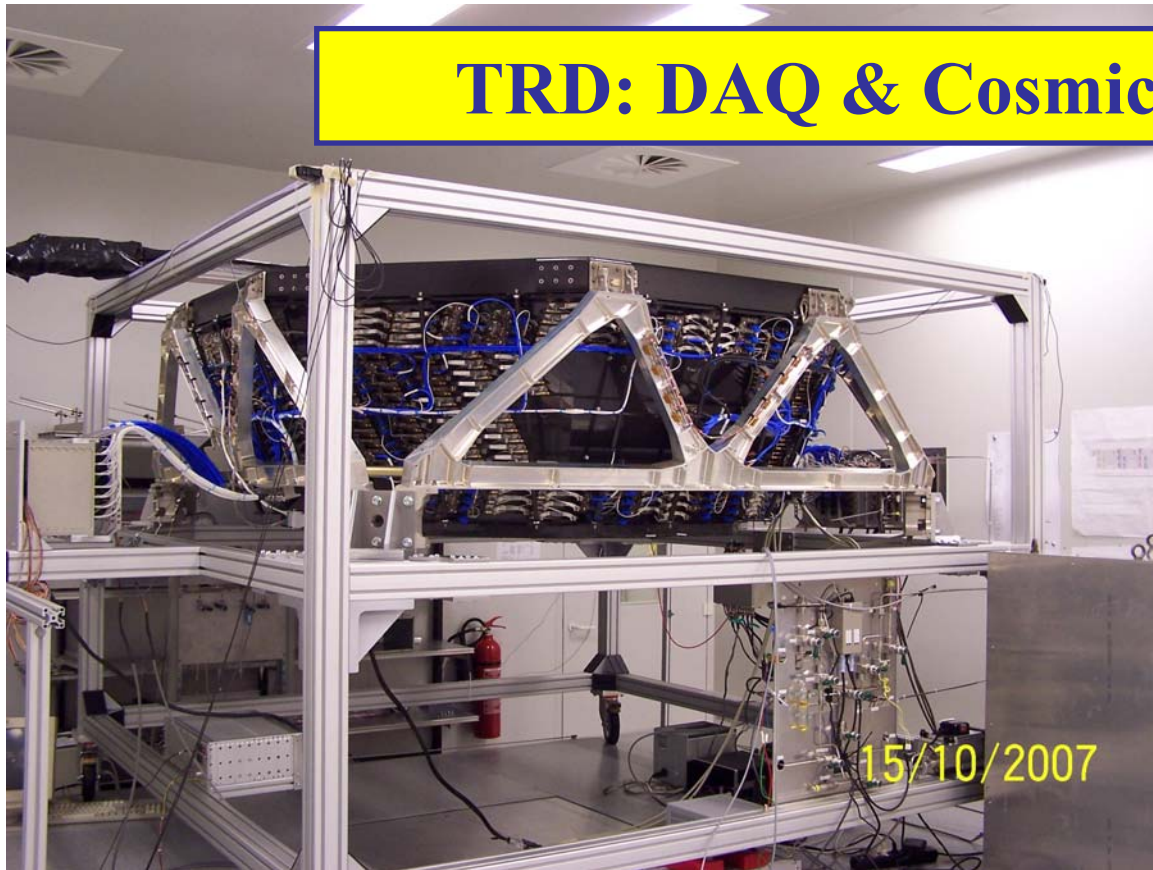
TRD: Flight Readout & HV Cabling



TRD: DAQ & Cosmic Test → Thorsten



TRD: DAQ & Cosmic Test



TRD: Delivery to CERN Oct. 24th

