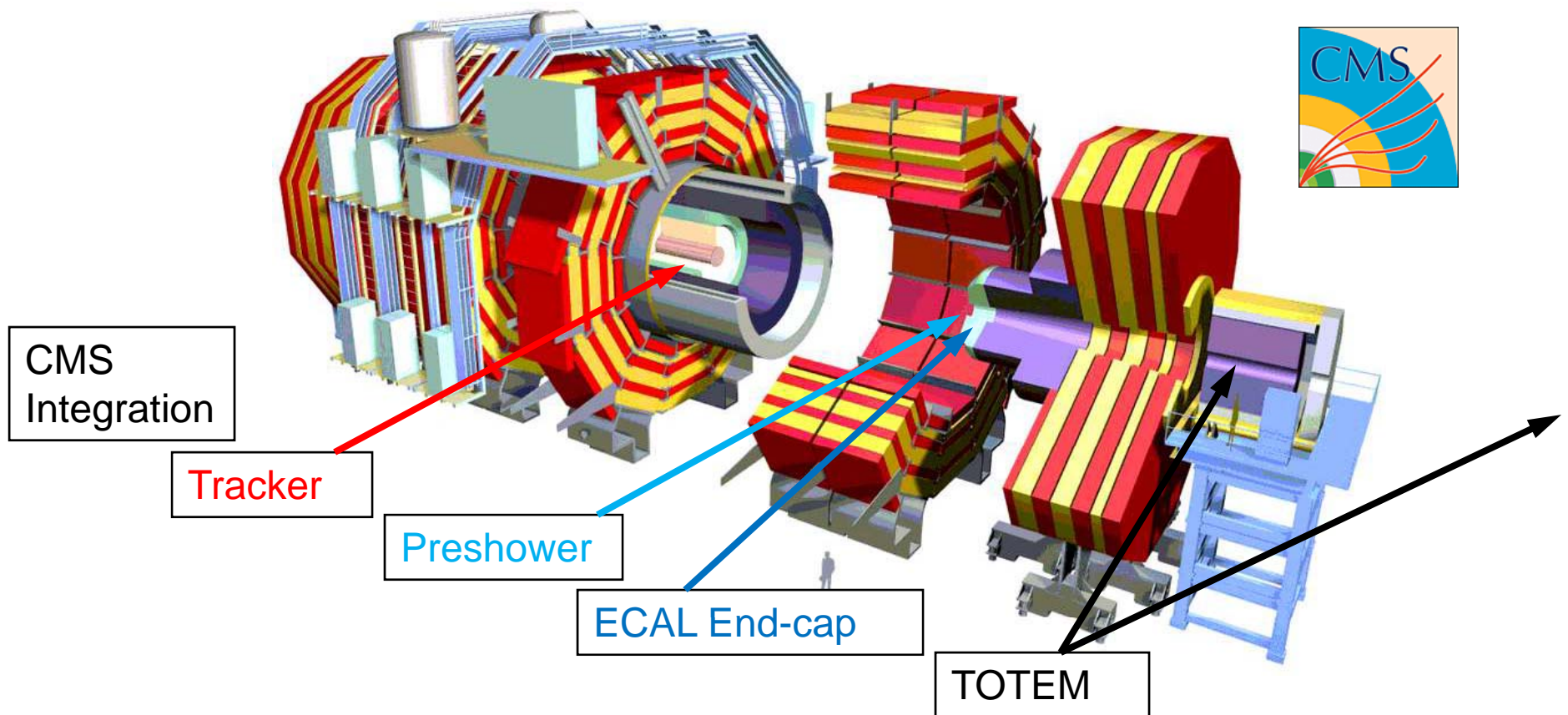


# DT2-EC project news

DT2-EC: Joachim Baechler, Eric David, Michel Delattre, Rob Loos, José Mulon, Antti Onnela, Ron Pintus, Mario Scandurra, Piet Wertelaers

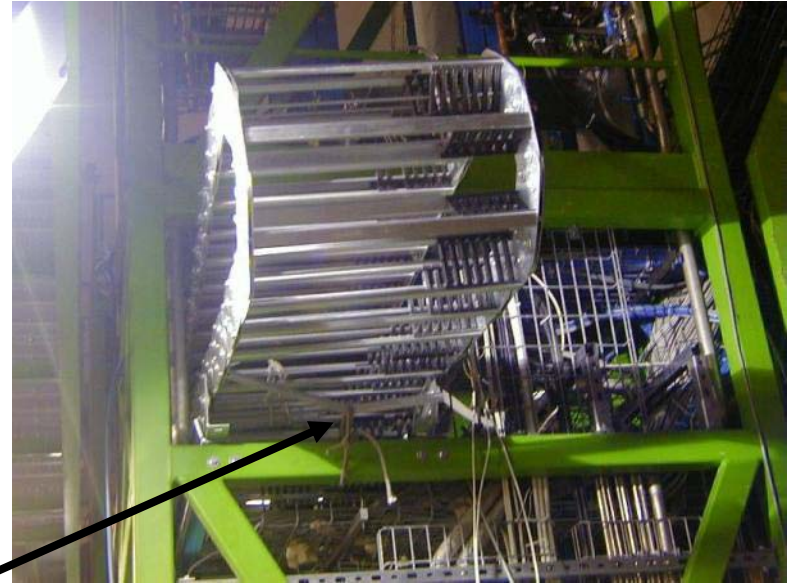


# CMS Integration

Ron Pintus

- 'Infrastructure Task Force on Cooling & Gas Systems': numbering systems for equipment in CMS underground caverns.
- Co-ordination with TS-CV of the final connections of ECAL End Cap cooling.
- Fire brigade work: Now urgent procurement of cable chain replacement parts, following a minor 'incident' while closing the CMS end cap disks. Damage last week, just 1 day before planned cable installation. New parts received this week.

# YE-1 Mini-cable chain incident



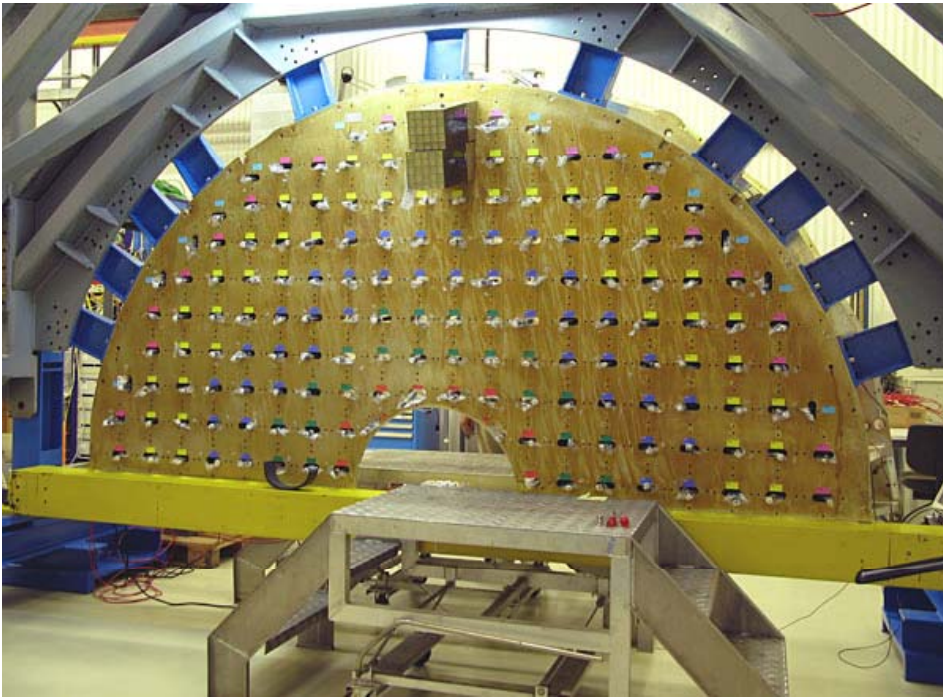
# CMS ECAL End-caps

Joachim Baechler, José Mulon, Mario Scandurra

- DEE1 :
  - SC installation completed
  - Electrical/Electronics/Mechanic installation started
  - Cooling block fabrication finished by end of March
- DEE 2:
  - SC installation completed
  - Fibre test started
- DEE 3:
  - Preparation finished by next week
  - Start up for SC mounting scheduled for week 9
- DEE 4 :
  - Moved from H4 to 867
  - At present dismounting of 20 SC's
- At present all 4 DEE's are at 867/Prevessin.
- Present biggest problems with the cooling units.

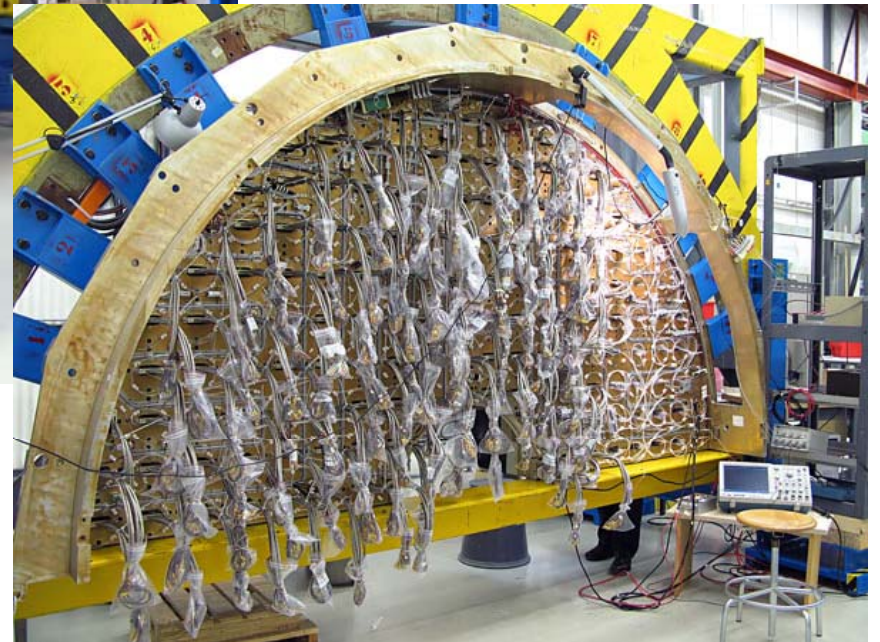
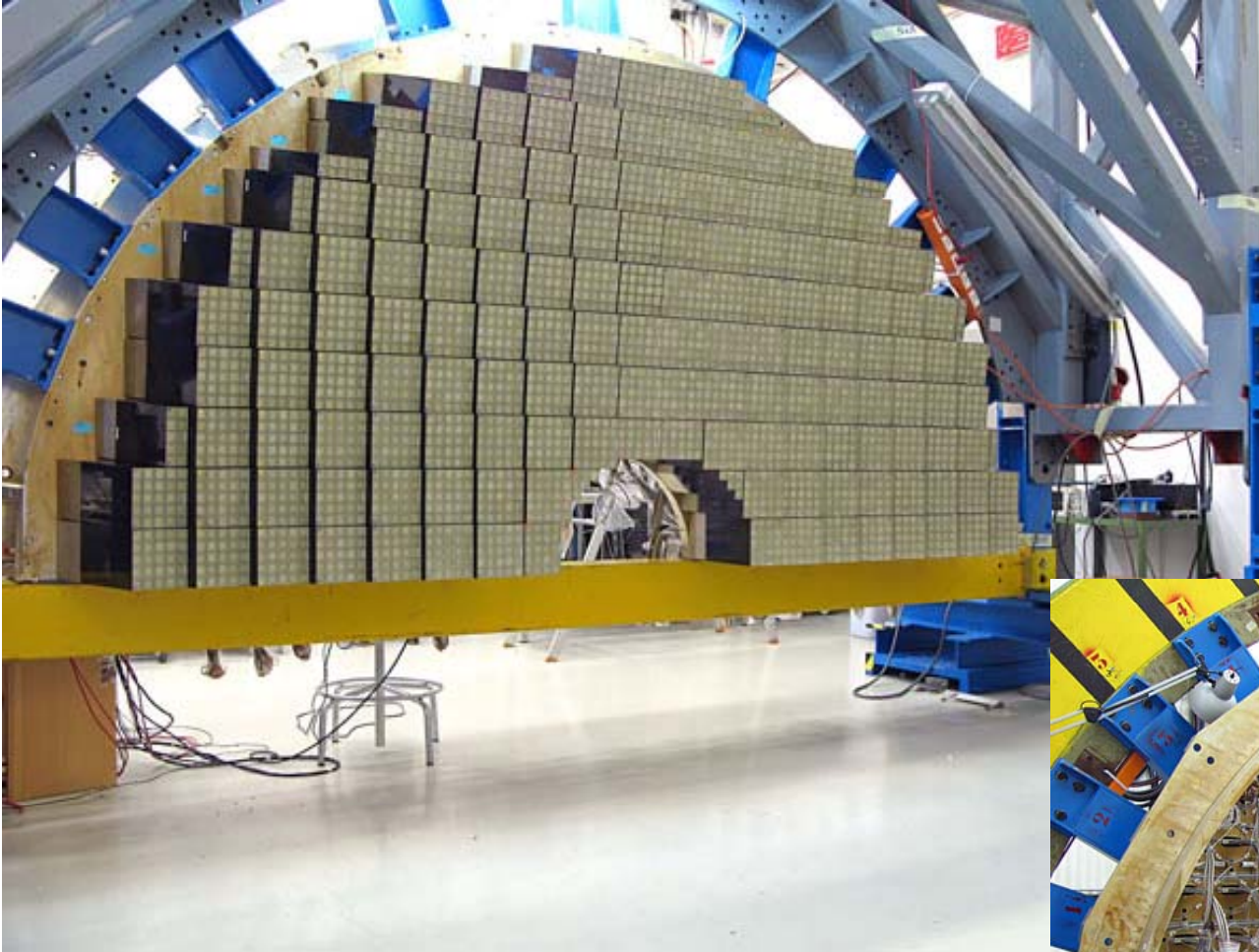


# CMS ECAL End-caps





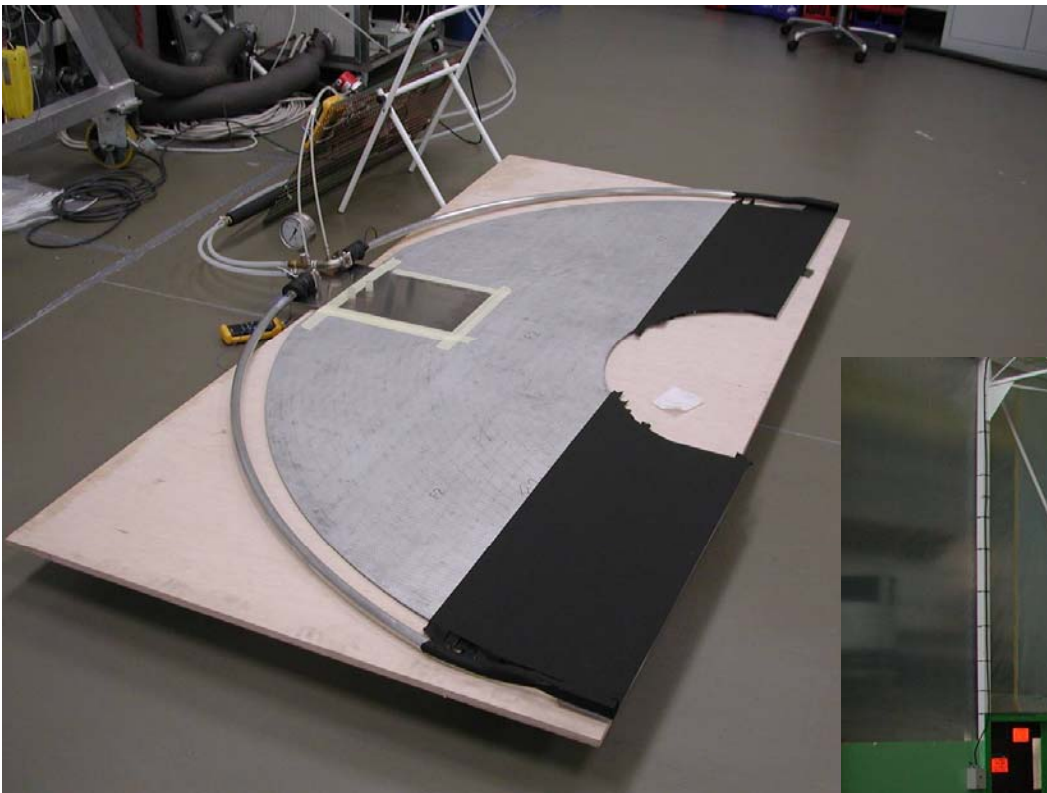
# CMS ECAL End-caps



Photos: ETH Zürich, <http://wwweth.cern.ch/ecal-pictures/>

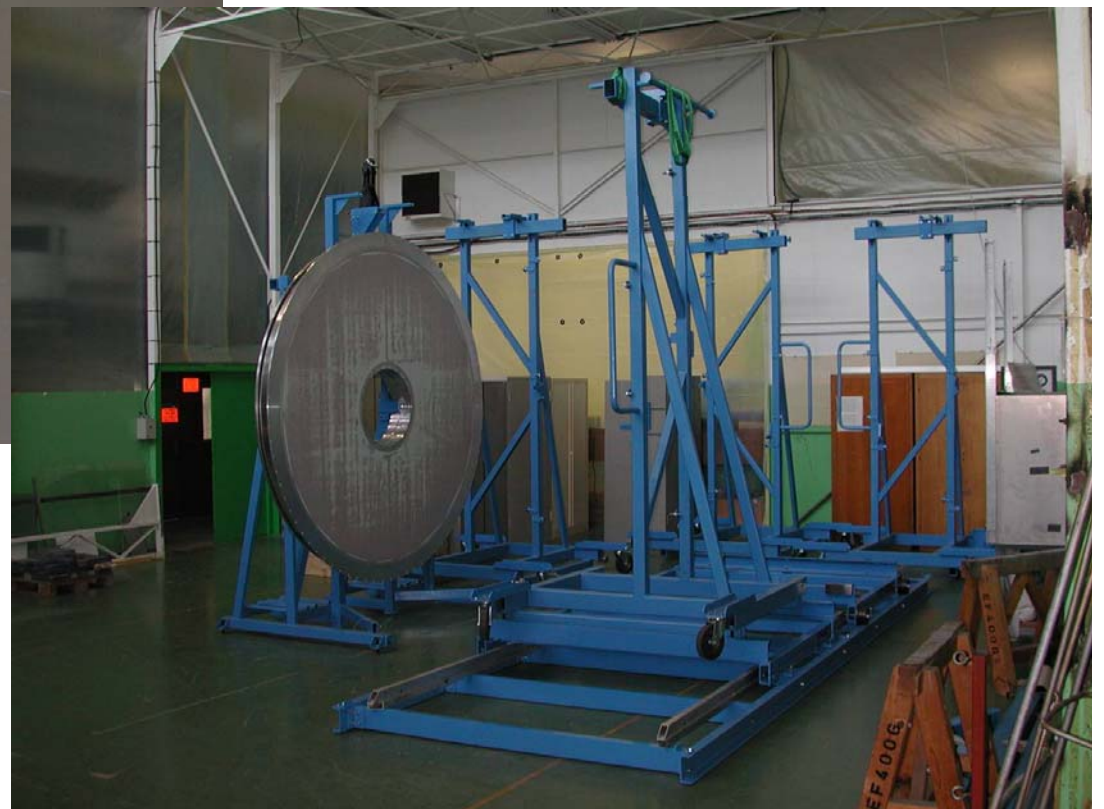
# CMS Preshower

Piet Wertelaers, Rob Loos, José Mulon, Christian Joram, Miranda Van Stenis



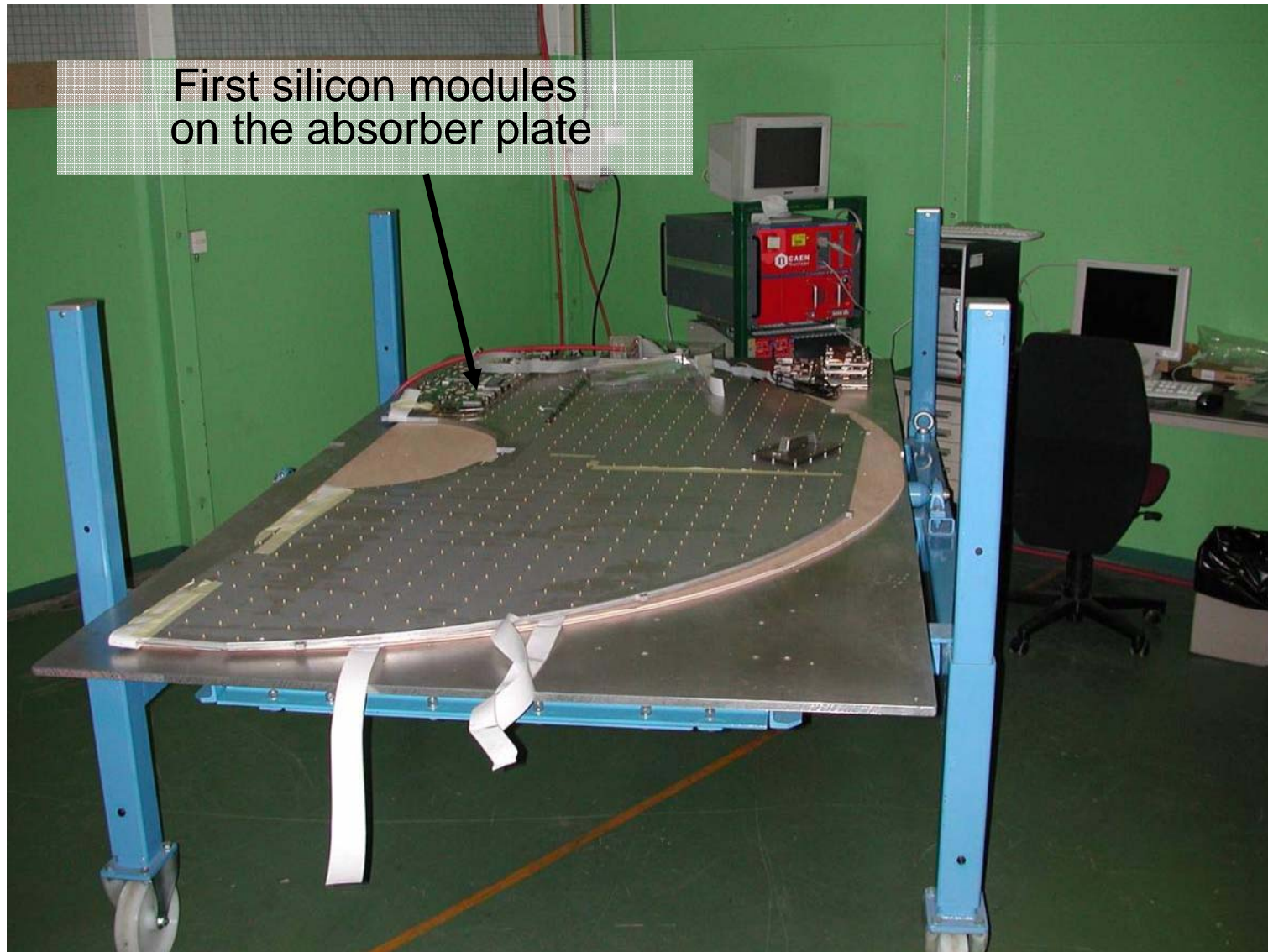
Cooling screen final test  
(4 of 8 tested)

Installation tooling





# CMS Preshower

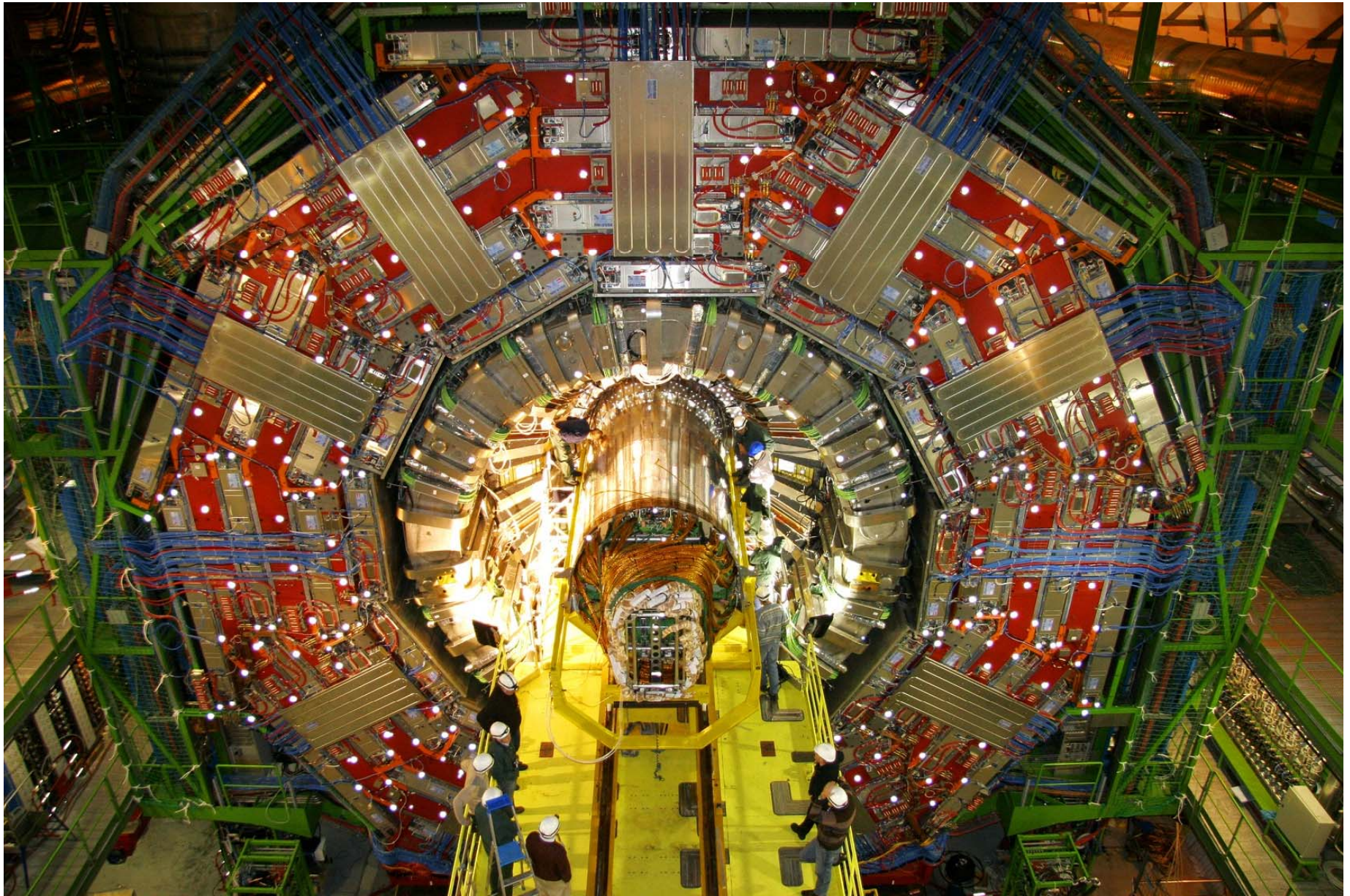




# CMS Tracker

Antti Onnela, Michel Delattre, Claude David (1 month)

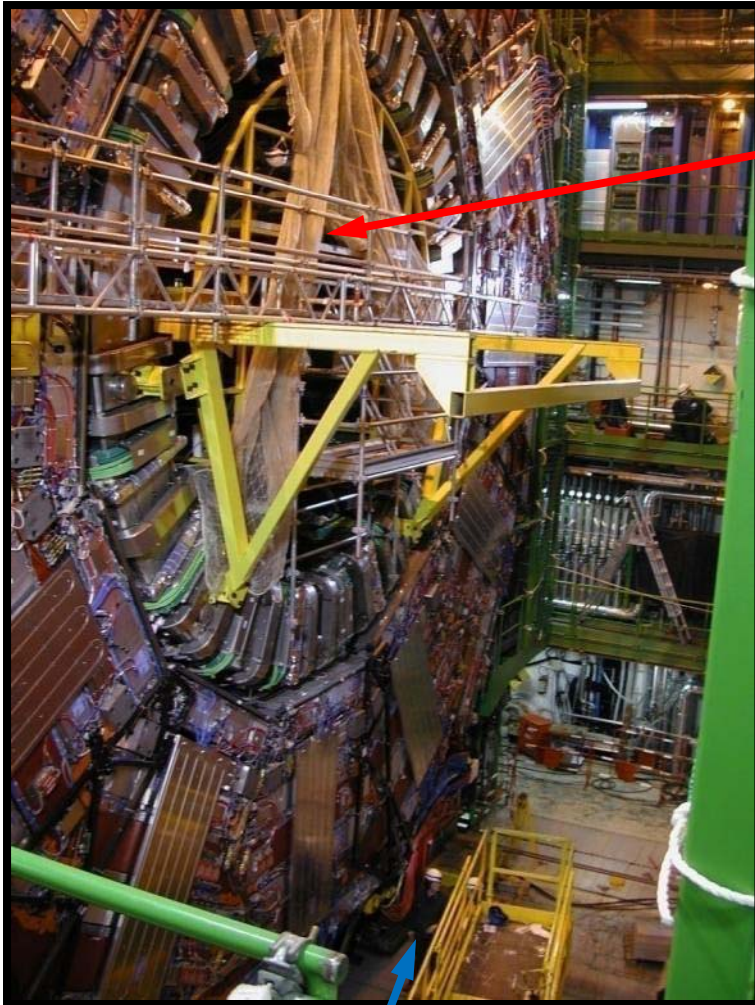
- Tracker installed
- Now: Services connections + testing
  - Inside CMS magnet
  - 6 weeks allocated for a job of min. 10 weeks
    - 2 shifts / day (non-stop activity 6:00-20:00) + 1 shift on Saturdays.
    - 30 technicians
  - DT2: Cooling pipework and leak-testing
    - 220 cooling circuits, 1500 solder joints



CMS Tracker insertion 15.12.2007

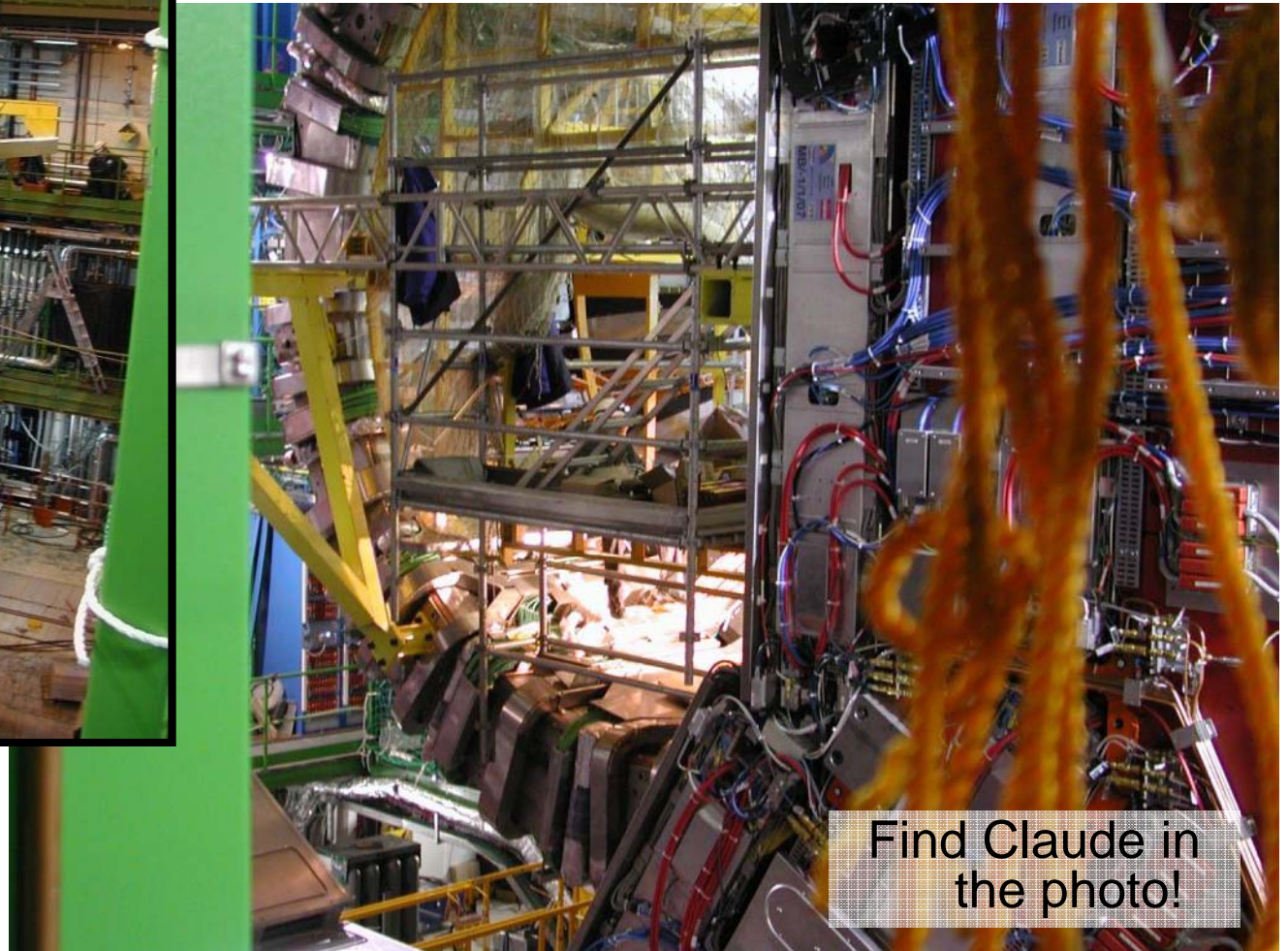


And then the last details:  
456 pipes, 2300 cables, 40861 fibres...



...inside there!

She provides  
the scale



Find Claude in  
the photo!



It is a popular place these days...





...since it is just for fun!

