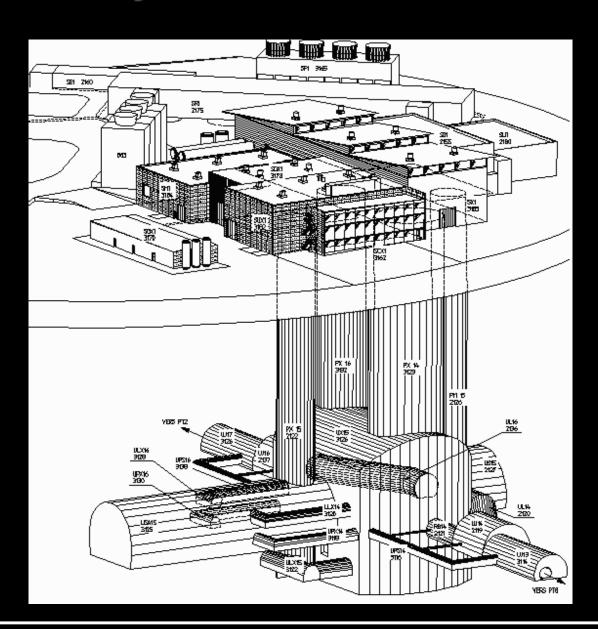
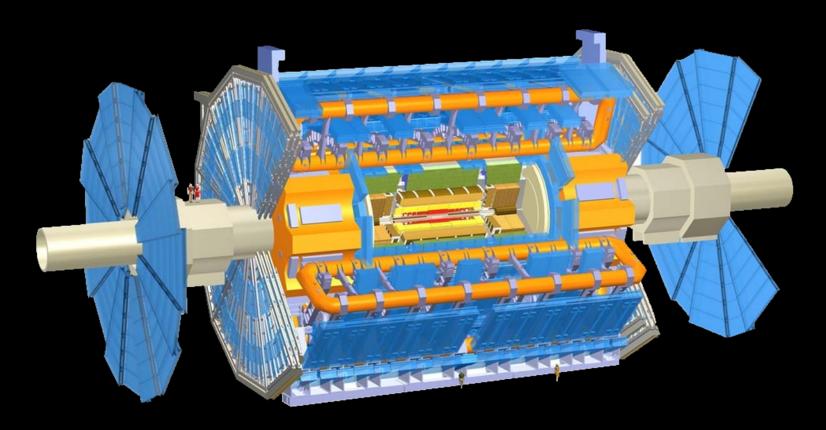


Layout of the ATLAS site



The ATLAS detector ...



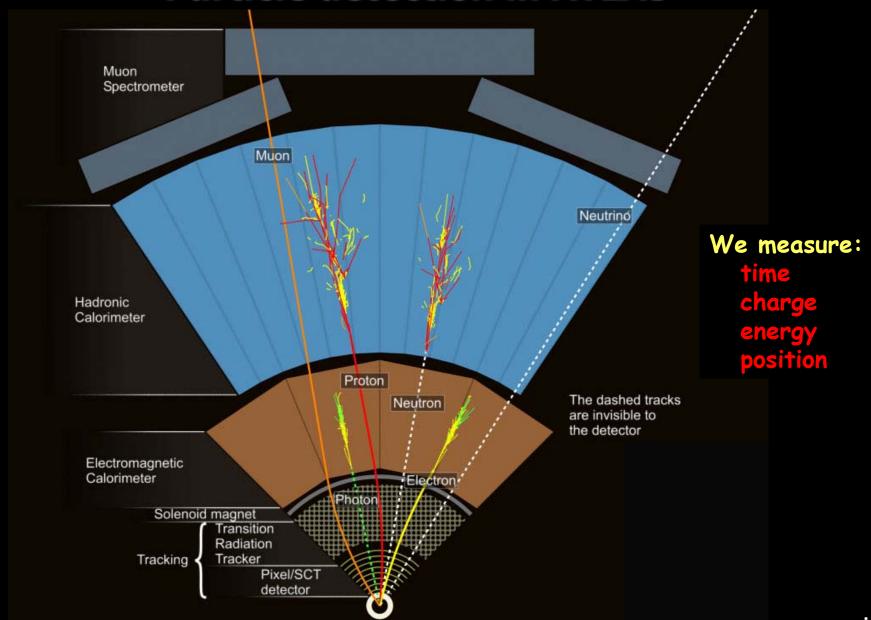
... is composed of cylindrical layers:

Tracking detector: Pixel, SCT, TRT (Solenoid magnetic field)

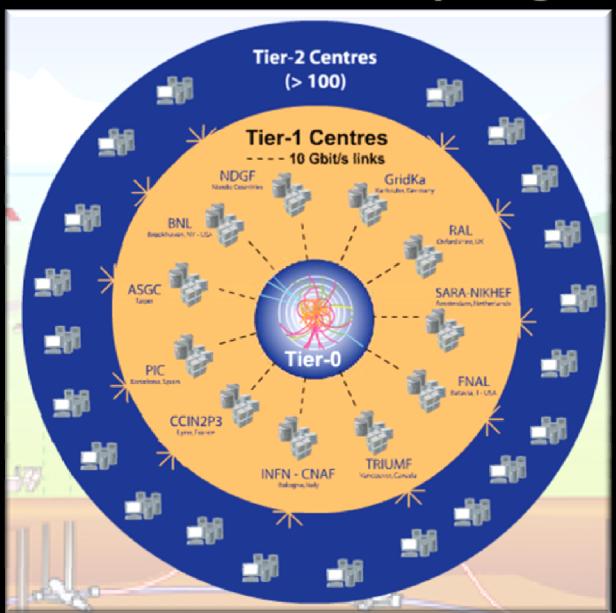
Calorimeter: Liquid Argon, Tile

Muon spectrometer: MDT, RPC, TGC, CSC (Toroid magnetic field)

Particle detection in ATLAS



LHC Computing Grid



Tier-O

- Data recording
- First-pass reconstruction
- Data distribution

Tier-1 (11 centres)

- Permanent storage
- Re-processing
- Analysis

Tier-2

(>50 ATLAS centres)

- Simulation
- End-user analysis

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The ATLAS collaboration

