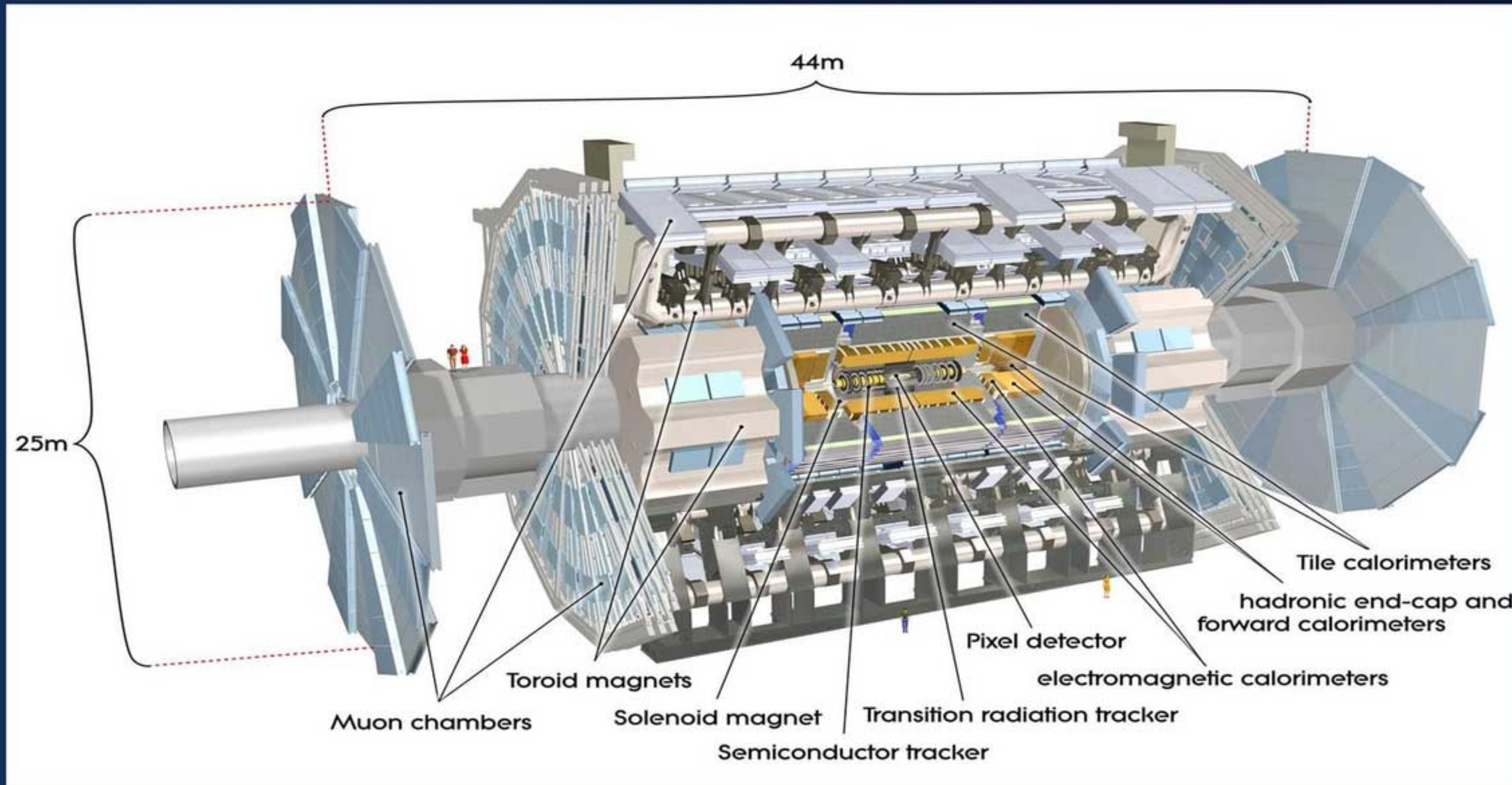


The ATLAS detector at the LHC

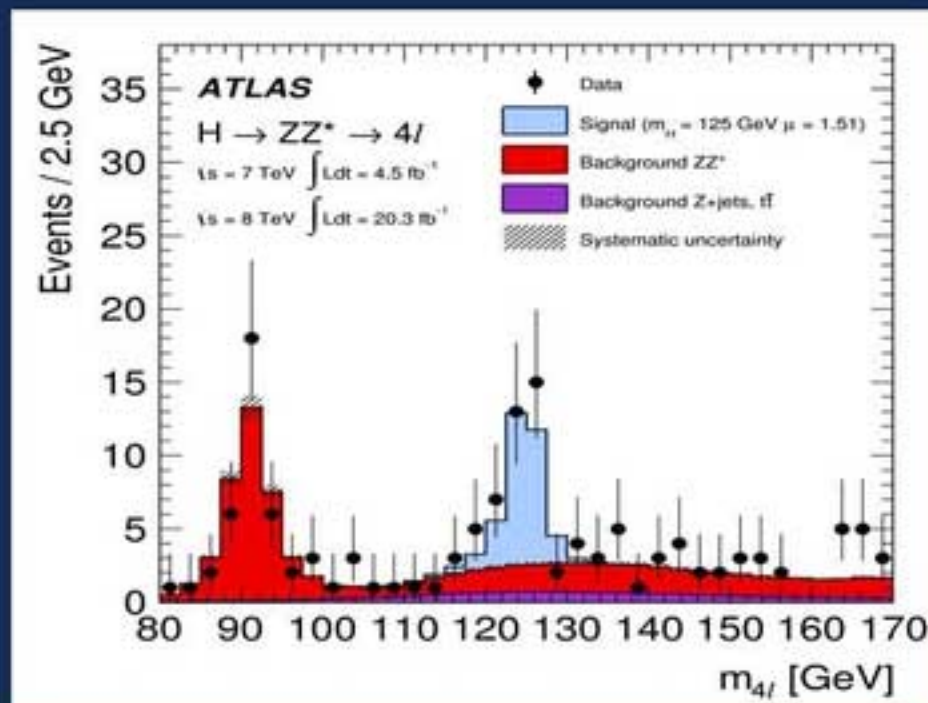


RAL built and assembled much of the charged-particle tracking detector at the centre of ATLAS, working alongside UK universities and international collaborators.



RAL designed, built and operates crucial parts of the ATLAS trigger – this selects the most interesting collision events.

The excess of events at a mass of 125 GeV corresponding to the discovery of the Higgs boson – the RAL group was critical in this work.



The ATLAS detector during construction – the powerful toroidal magnets are visible before the subdetectors were inserted.

