World's biggest particle accelerator to be 32 km long

Cern scientists have upped the ante on the search of dark matter and are planning to build the world's biggest and most expensive particle accelerator - stretching up to a vast 32 kilometres.

Here's why the discovery of Higgs boson matters

Scientists working at the world's biggest atom smasher near Geneva have announced they are confident that the new subatomic particle discovered last summer is a version of the long-sought Higgs boson. Here's all you need to know.

How a Higgs Boson can spell doom for the universe

The mass of the so-called 'God particle', uncovered at the Large Hadron Collider (LHC) in Geneva, is a key ingredient in a calculation that signals the future of space and time.

Scientists may have found unexpected second Higgs Boson

The most recent release from CERN showed the scientists seem to have found one Higgs boson with one mass, and then another with a statistically significant slightly higher mass.

I was right about Higgs Boson particle all along, says Peter Higgs

The physicists who theorised the existence of a basic subatomic particle half a century ago are confident recent data is proving they were right all along.

Live: Peter Higgs gets emotional,
Scientists in CERN have begun showing their conclusive evidence that the Higgs Boson particle or God particle exists.

#NewsTracker
#CERN
#Higgs boson
#Large Hadron Collider
#God particle
#Peter Higgs
#Standard Model

A Belfast-born scientist who helped discover the so-called ‘God Particle’ is to return to the city to deliver a lecture on his work.

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Scientists have determined the mass of the heaviest elementary particle, the top quark. The measurement was made using the Large Hadron Collider (LHC) at CERN in Geneva, Switzerland, and the Tevatron at Fermilab in Batavia, Ill. Four separate experiments...