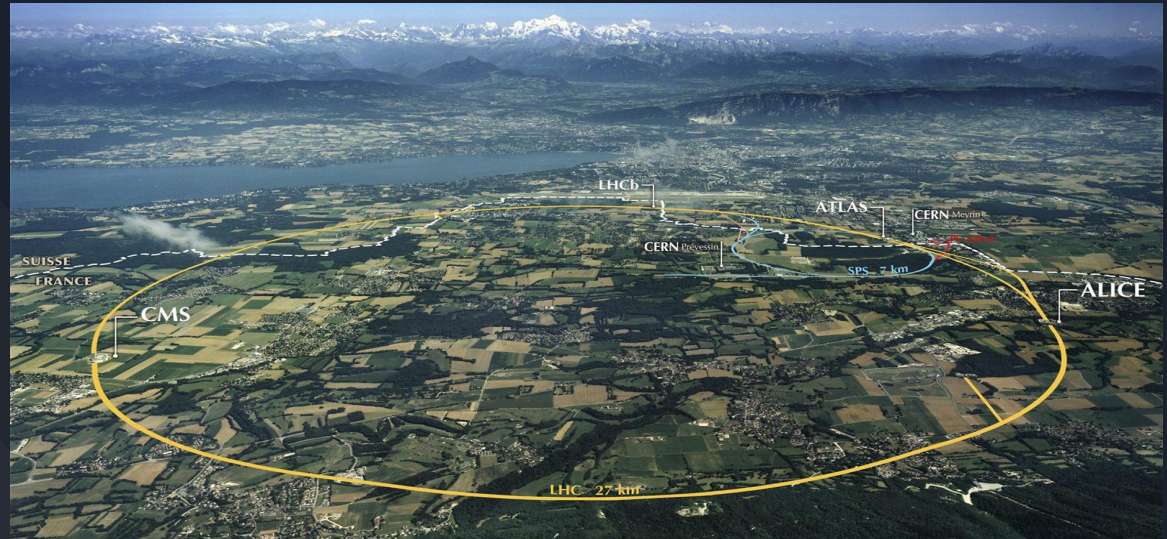


# The Large Hadron Collider





## Before The LHC

### 1. Super Proton Synchrotron(1981-1991)

Discovered W and Z bosons, predicted 1970s

### 2. Large Electron Positron Collider(1989-2000)

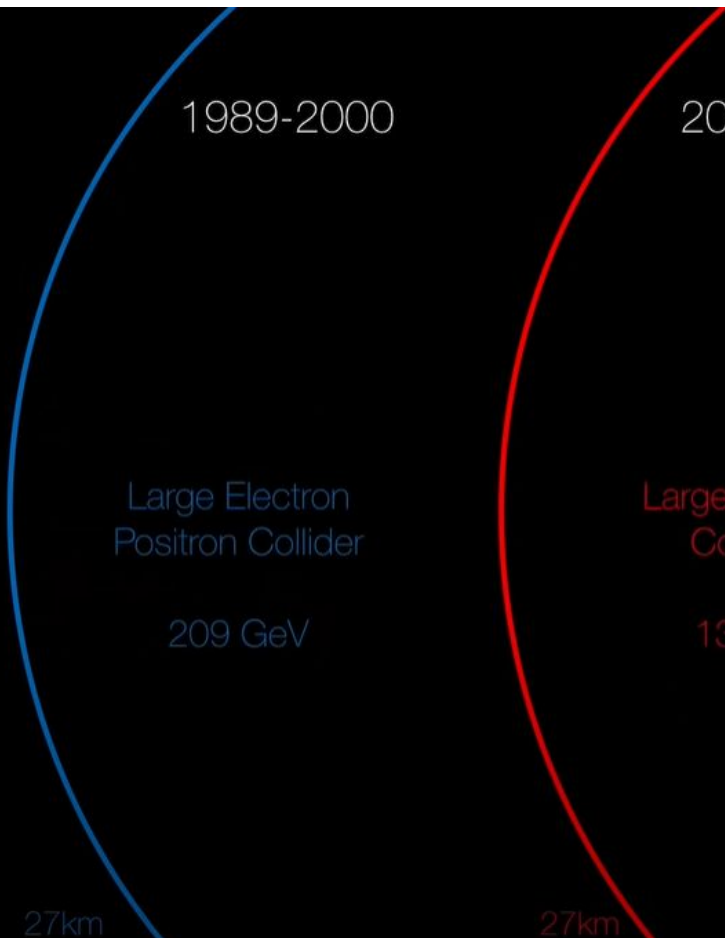
Measured properties of W and Z bosons with high precision

Ri

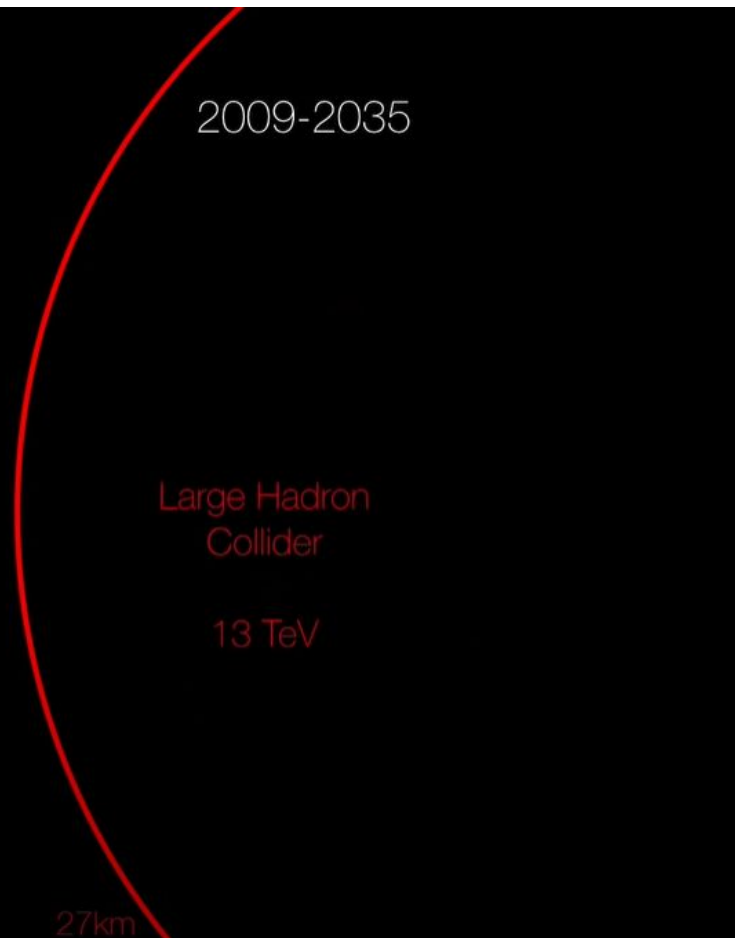
1981-1991



1989-2000



2009-2035





WORKING:

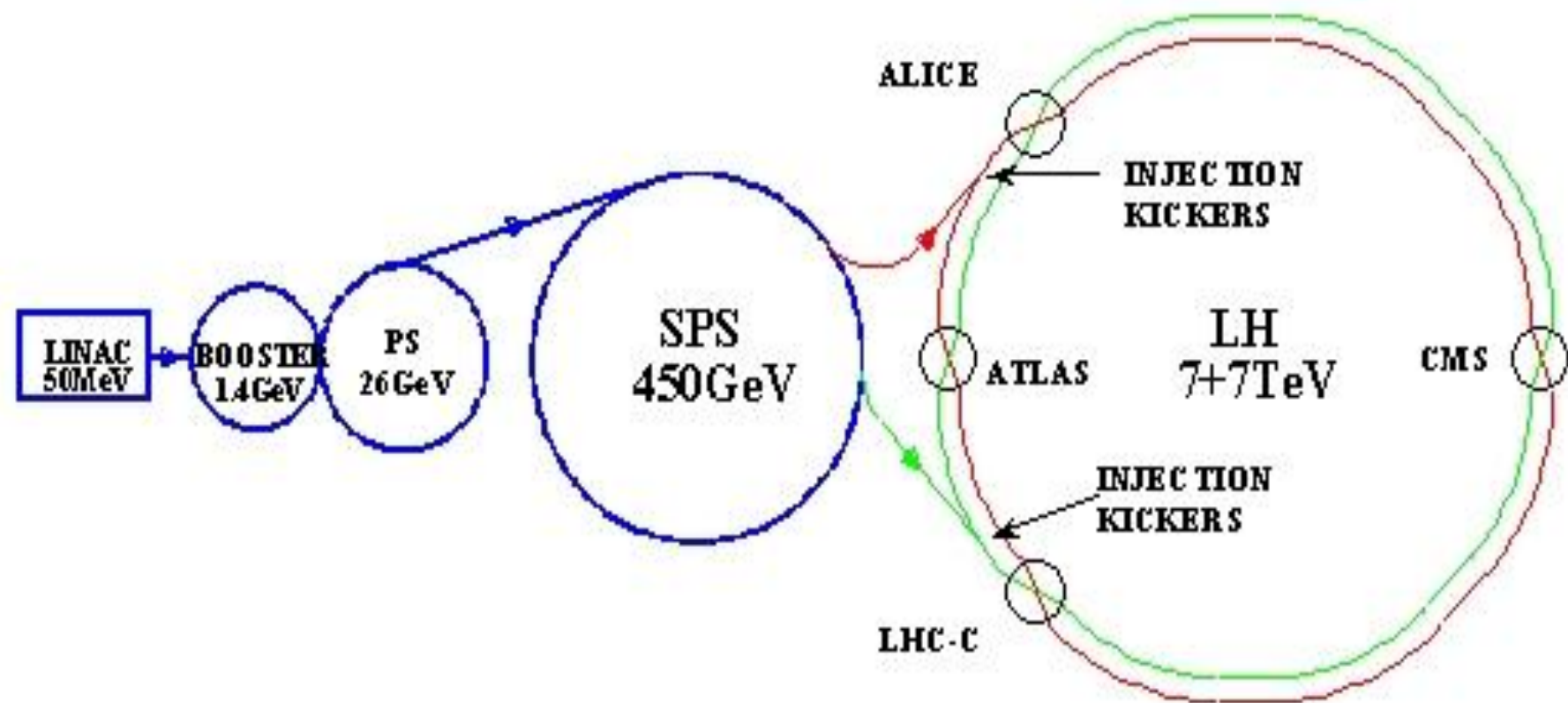
STAGE 1 : LINAC 2


STAGE 2 : Booster

STAGE 3: The Proton Synchrotron

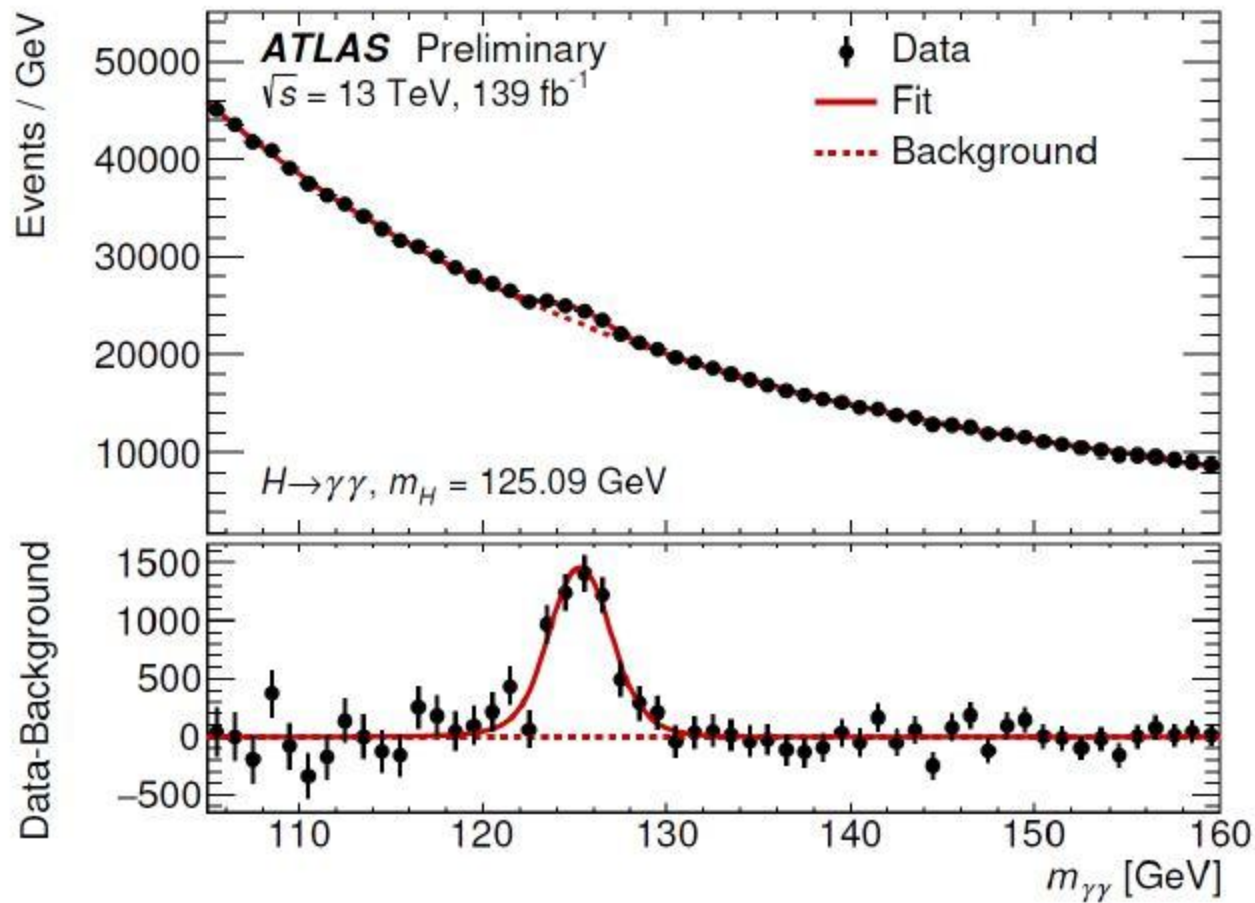
STAGE 4 : The Super Proton Synchrotron

STAGE 5: The LHC





# How do you find The Higgs Boson



A decorative graphic on the left side of the slide. It consists of a blue parallelogram and a light green parallelogram, both tilted at an angle. The blue shape is in the foreground, and the green shape is partially behind it. They are set against a dark blue background with faint, lighter blue diagonal stripes.

What's Next?