



# CERN Colloquium

SPEAKER: Prof. Tom W B Kibble (Imperial College London)

TITLE: **Genesis of Electroweak Unification and the Higgs**

DATE: Fri 10/10/2014 16:30

PLACE: Council Chamber

## ABSTRACT

I will give a historical account of the developments leading up to the unification of weak and electromagnetic interactions, as I saw them from my standpoint in Imperial College London.

I will describe the state of physics in the 1950s, the aim of finding a unified theory of various interactions, the obstacles encountered in trying to unify the weak and electromagnetic interactions, and their eventual resolution, with a brief discussion of the later history culminating in the discovery of the Higgs boson in 2012.