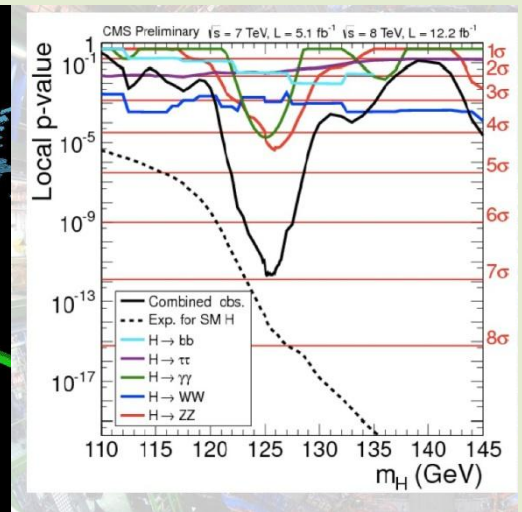
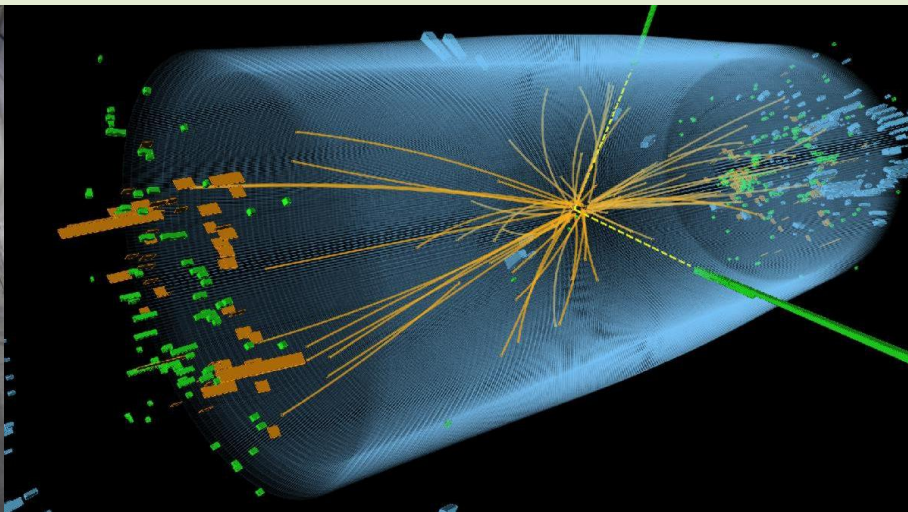
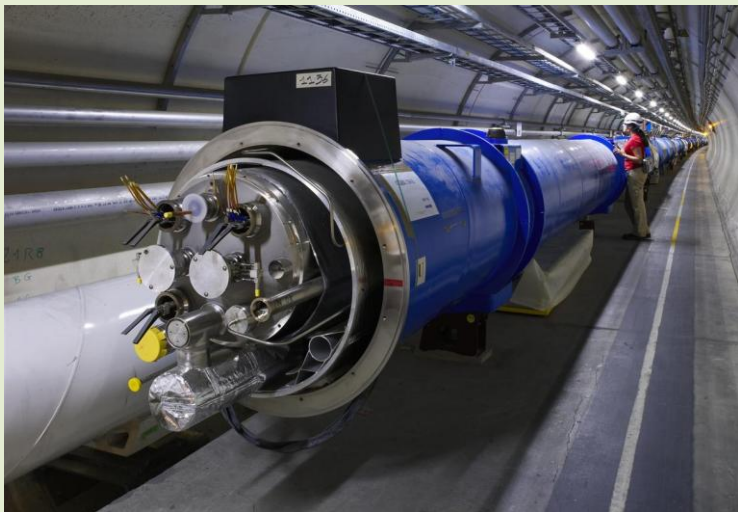


13<sup>TH</sup> TAA-National Science Day Public Lecture

We have found a new boson: What does it mean?  
 Prof. Rohini Godbole, IISc., Bengaluru

February 28, 2013 5 at p.m. in Lecture Theatre – AG 66  
 TIFR, Homi Bhabha Road, Colaba, Mumbai 400005



*Dr. Rohini Godbole obtained her Ph.D. from SUNY, Stony Brook, USA. At present, she is a Professor at the Centre for High Energy Physics, Indian Institute of Science, Bengaluru. She was at TIFR between 1979-1982 and at Mumbai University till 1994. Rohini has worked extensively on the Standard Model of Particle Physics and the physics beyond it. She has received several awards, notably the INSA Satyendranath Bose Medal for Theoretical Physics. She is the Chief Editor of Pramana and works on furthering the participation of women in Science.*

The recent discovery of a new boson at the Large Hadron Collider (LHC) at CERN will be put in perspective by Rohini Godbole. She will explain what needs to be done to establish this as 'a' Higgs boson and then to test whether it is 'the' Higgs boson. She will discuss why these studies would be the last steps in establishing the Standard Model as the correct theory of elementary particles and the fundamental interactions among them. She will also discuss how the already available information on its properties such as the mass and the life time has profound implications for our quest of a fundamental understanding of the basic laws of nature and the workings of the Universe.

Lecture open to all

For details: 22782500, 22782089, email: pro@tifr.res.in