

The Implications of the Higgs discovery

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The recent excitement in High energy physics is the discovery of Higgs like particle by CMS and ATLAS detectors at the LHC experiment. This discovery came almost 50 years later since it is proposed. Now the most urgent need is to establish that it is indeed the standard model Higgs by measuring its properties e.g couplings, spin etc. In addition, the discovery of this scalar particle also open up many new challenges in the context of existence of beyond standard model physics. In this talk, I shall try to discuss the various implications of Higgs discovery in the standard model and beyond standard model.

Primary author: GUCHAIT, Monoranjan (Tata Institute of Fundamental Research (TIFR))

Presenter: GUCHAIT, Monoranjan (Tata Institute of Fundamental Research (TIFR))

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