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Understanding the Higgs Boson

Department of Physics Colloquium

The July 4th 2012 discovery of a Higgs like Boson is a watershed event in the field of particle physics. The discovery of a particle and a field which is unlike anything else encountered at fundamental level requires stringent scrutiny. Rapid progress in understanding that discovery has been made with the more than double the data accumulated last year. More careful measurements await the upgrades to the accelerator and the experiment. The latest results from the complete data set collected and prospects for future will be discussed in this talk.

