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New Physics Under the Higgs Lampost

Thursday, 17 December 2015 09:30 (1 hour)

With the discovery of a Higgs boson, the Standard Model of particle physics is complete. Due to its nature as the source of electroweak symmetry breaking in the Standard Model and its loop induced production at hadron colliders, measurements of the Higgs boson can provide particular insight into beyond the Standard Model physics. In this talk I will give an overview of what can be learned from these measurements, with a particular focus on double Higgs and Higgs plus jet production.

Presenter: Prof. LEWIS, Ian

Session Classification: Plenary Session