

THEORETICAL QUESTIONS SURROUNDING THE HIGGS SIGNAL

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Tuesday, January 22 ❖ 4:00 P.M. ❖ 415 NSH

With this informal seminar, the high-energy group will launch a series of discussions this semester on the investigation and interpretation of the purported Higgs boson signal at the LHC. Today's talk will focus on background information on the role and properties of the Higgs within the Standard Model; a review of the Higgs signal as currently reported by CMS and ATLAS; and a discussion of some of the outstanding issues raised by the current Higgs signal for the Standard Model and some simple extensions.