

WHAT IF WE DON'T FIND THE HIGGS?

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4:00 P.M. ❖ 118 NSH

(Refreshments at 3:30 P.M. NSH 202)

With the first full year of LHC running completed, we have a good idea where the Higgs boson isn't. There are excess events in the remaining allowed mass region, but the excesses may disappear with more data.

What then? In this talk I will review the role the Higgs boson plays in the standard model and discuss how the theory can be adjusted to 'hide' the Higgs. These adjustments range from slight tweaks to the Higgs decay channels to removing the Higgs boson completely!

Colloquium

All interested persons are cordially invited to attend.