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## Implications of 125 GeV Higgs in composite models

*Saturday 7 July 2012 17:00 (20 minutes)*

In this talk I will describe the implications of a 125 GeV Higgs in Composite Higgs Models. I will focus on the most relevant scenario where the Higgs is a pseudo-Goldstone boson and Standard Models fields are partially composite. Several models can be constructed characterized by the global symmetries and fermionic content of the composite sector. The Higgs can be light ( $\sim 125$  GeV) for a moderate tuning of parameters if light fermionic resonances are present. These could be seen at the present LHC run or early LHC14 run.

Based on: arXiv:1110.1613, arXiv: 1205.0232

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