

## Composite Higgs models at the LHC and beyond

*Monday, 20 May 2019 14:00 (20 minutes)*

In this talk, I will discuss about the phenomenology of the composite Higgs models at the LHC and future lepton colliders. Spin-1 resonances and the top partners are the smoking gun of the composite Higgs models, their strong interactions will play an important role in the searching for the resonances and cascade decay channels can be important. I will discuss about their prospectives at the HL-LHC and highlight the possibility of left-handed third generation doublet as the massless bound state of the strong sector. In the meanwhile, I will briefly discuss about the universal relationship between the Higgs couplings predicted by the non-linearity and their phenomenological relevance.

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