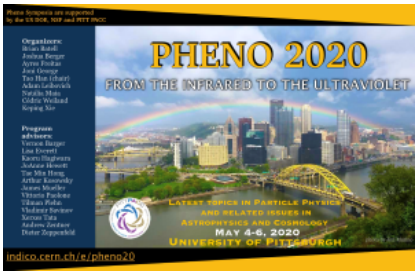

Contribution ID: **959** Type: **Parallel Talk**

Composite Higgs Models at the LHC and beyond

Tuesday 5 May 2020 14:00 (15 minutes)

Compositeness is an elegant way to address the hierarchy problem. In this talk, under broad assumption of partial compositeness and Higgs doublet as the pseudo-Nambu-Goldstone bosons, I will discuss about phenomenology of the spin-1 resonances and the top partners in CHMs and the relevance of their strong interactions in the searches at the LHC. I will also discuss about the strong multi-pole interaction as the target scenario for the precision measurement in the di-boson processes at the HL-LHC. Finally, I will briefly discuss about the universal relationship between the Higgs couplings predicted by the non-linearity and their phenomenological relevance in the future lepton colliders.

Summary

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Session Classification: Higgs II

Track Classification: Higgs