

# Unveil the Nambu- Goldstone Nature of the Higgs boson by precision measurement

*Thursday, 25 October 2018 13:55 (24 minutes)*

In this talk, I will discuss about my recent work on universal relations for the Higgs couplings in composite Higgs models and their phenomenological application for the future lepton colliders. These relations are among one Higgs couplings with two electroweak gauge bosons (HVV), two Higgses couplings with two electroweak gauge bosons (HHVV), one Higgs couplings with three electroweak gauge bosons (HVVV), as well as triple gauge boson couplings (TGC). All the universal relations are controlled by a single input parameter: the decay constant  $f$  of the pseudo-Nambu- Goldstone Higgs boson.

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