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## The Higgs couplings and self-coupling in the EFT framework

*Tuesday, 29 August 2017 11:45 (15 minutes)*

We study the reach on the Higgs coupling constraints at future lepton colliders in a global effective-field-theory framework. The impact and complementarity of different measurements, at different center-of-mass energies and for several beam polarization configurations, are discussed in detail. This framework is also applied to study the constraints on the Higgs self-coupling. Based on arXiv:1704.02333 and current study.

12 minutes presentation + 3 minutes discussion

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**Session Classification:** Physics/Analysis