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Higgs Coupling Determination at the LHC

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After a discovery of the Higgs boson the next question is what are its couplings. At the LHC there should be many observable channels which can be exploited to measure the relevant parameters in the Higgs sector. Using the SFitter framework we map these measurements onto the parameter space of a weak-scale effective theory with free Higgs boson couplings. Our analysis benefits from the parameter determination tools and the error treatment used in new-physics searches, to study individual parameters and their error bars as well as parameter correlations.

In this talk we will put a special focus on recent analyses using jet substructure techniques.

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