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Type: **Parallel**

Differential and STXS cross section measurements at CMS, combination and EFT interpretation

We will discuss the latest differential measurements of Higgs boson cross sections with the CMS detector in both bosonic and fermionic decay channels. Both fiducial, differential cross section measurements and measurements in the simplified template cross section framework will be presented. Both the data collected during Run 2 of the LHC and the early data collected in Run3 by the CMS experiment are used. We also present a combination of Run2 cross section measurements and their interpretations as constraints on constraints of Wilson coefficients of beyond Standard Model operators in the framework of Effective Field Theories.

Secondary track

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