

## Two-loop Yukawa corrections to double Higgs production (10'+8')

*Monday 28 November 2022 09:18 (10 minutes)*

Double Higgs production will be a key observable to probe the structure of the Higgs potential. In this talk I will present the first step in obtaining the electroweak corrections to double Higgs production by considering the leading Yukawa corrections to this process in the high energy limit. I will describe the methods we used and show that we obtain precise numerical results down to  $p_T \approx 100$  GeV.

based on JHEP 08 (2022) 259 (arxiv:2207.02587)

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