

# The effect of single Higgs backgrounds and Higgs branching fractions in the SMEFT interpretation

Some SMEFT parameters contribute to both di-Higgs and single-Higgs productions. Taking the  $HH \rightarrow b\bar{b}\gamma\gamma$  channel (JHEP 01(2024) 066) as example, we present the results on the effects of single Higgs backgrounds and Higgs branching fractions and discuss about the evaluation of systematical uncertainties.

## Track/session

Parallel ATLAS track

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