

Probing top-quark interactions at NLO in QCD

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Summary

In this talk I review recent progress in the computation of processes involving top quarks in the framework of Standard Model Effective Theory (SMEFT) at NLO in QCD. In particular I will discuss the impact of higher-dimensional operators on top pair production, single top production, and top pair production in association with a photon, a Z boson and a Higgs. Results are obtained within the automated framework of MadGraph5_aMC@NLO.

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