

Precision in EFT studies for top-quark physics

Thursday, 8 September 2016 11:30 (30 minutes)

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 QCD corrections on top pair production, single top production, and top pair production in association with a photon, a Z boson and a Higgs in the presence of higher-dimensional operators. Results are obtained within MadGraph5_aMC@NLO.

Summary

Primary author: VRYONIDOU, Eleni (Universite catholique de Louvain)

Presenter: VRYONIDOU, Eleni (Universite catholique de Louvain)