

Higgs boson production via vector boson fusion

Thursday, 24 January 2013 14:30 (1 hour)

I will discuss the phenomenology of Higgs boson production via vector boson fusion (VBF), as well as the impact of anomalous couplings and next-to-leading order corrections on the production cross section and kinematic distributions.

I will also discuss the calculation of the radiative corrections for electroweak Higgs boson plus three-jet production (VBF plus a jet) and its relevancy in the computation of the central jet veto efficiency.

Presenter: Dr FIGY, Terrance Maynard (Manchester Univ.)