

# Recent progresses in PowHel for hadroproduction processes involving top quarks.

*Wednesday 27 August 2014 15:00 (20 minutes)*

## Summary

In this talk we will discuss recent developments in PowHel (Helac-NLO + POWHEGBOX) for the computation of NLO QCD corrections matched to parton shower, focusing in particular on predictions at the hadron level for processes which constitute a background to Higgs boson searches in association with a  $t$ - $t$ bar pair.

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**Session Classification:** Heavy quarks