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Higgs NLO Monte Carlo

Goal of the group

This group will work on Higgs cross sections (ex. differential K-factor) and Higgs specific NLO MC issues. Multi-purpose parton-shower Monte Carlo generators like Pythia, Herwig, Sherpa, including issues like underlying event, minimum bias events, are handled in MC Generator working group in ATLAS and CMS.

Group Member

- Theory Contacts: Fabio Maltoni (Universite Catholique de Louvain) and Paolo Nason (INFN)
- ATLAS Contact: Jae Yu (University of Texas at Arlington)
- CMS Contact: Marta Felcini (University College Dublin School of Physics)

Available Tools

- POWHEG [↗](#) (*P. Nason et al.*)
- MC@NLO [↗](#) (*S.Frixione et al.*)

Documents

- Compilation of MC tools for the Higgs at the LHC

Meetings

- The minutes for the kick-off meeting on Tuesday, Feb. 23 are attached to the meeting agenda [↗](#).
- Link to the Agenda of Higgs X-sec group meetings [↗](#)

Links

This topic: LHCPhysics > LHCHXSWGNL0MC

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