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Soft Gluon Resummation for associated $t\bar{t}H$ Production at the LHC

In this talk the computation of soft gluon resummation for $pp \rightarrow t\bar{t}H$ will be presented. The absolute threshold resummation is carried out at NLL accuracy. This is the first application for the Mellin space technique to $2 \rightarrow 3$ type processes. The impact of resummation on the numerical prediction for the total cross section and the theoretical uncertainties will be presented.

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