

# Associated production of a top quark pair with a heavy boson at NLO+NNLL accuracy

*Tuesday, 16 July 2019 14:00 (20 minutes)*

The production processes of top quark pair in association to a heavy boson are important studies at the LHC. These types of processes are important in order to directly study the interaction between the top quark and the massive boson. Therefore increased theoretical accuracy is of vital importance. In this talk recent precision theoretical predictions at NLO+NNLL accuracy for these processes are presented.

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**Session Classification:** Heavy Quarks/Top

**Track Classification:** Heavy Flavor/Top