Contribution ID: 48 Type: not specified

## Production of Higgs bosons with large transverse momentum

Monday, 27 August 2018 17:16 (18 minutes)

In this talk I will present our results on the Higgs plus jet production at the large transverse momentum, that is, above the top mass threshold. In particular, it will be shown how corresponding two-loop amplitudes were computed in approximation of nearly massless top quarks.

Primary authors: KUDASHKIN, Kirill (Karlsruhe Institute of Technology (KIT)); Dr WEVER, Christopher

(KIT IKP); Prof. MELNIKOV, Kirill (TTP KIT); Dr LINDERT, Jonas (University of Durham (GB))

Presenter: KUDASHKIN, Kirill (Karlsruhe Institute of Technology (KIT))

Session Classification: EW, Higgs and BSM

Track Classification: EW, Higgs and BSM