

CP-violating Wtb anomalous couplings through top-pair production via pp collision at LHC.

Wednesday 29 July 2020 13:45 (3 minutes)

We discuss the CP-violating effects at partonic level arising due to anomalous Wtb vertices at the Large Hadron Collider in the semileptonic decay modes of the top-quark for the $t\bar{t}$ events at the LHC. Limits on these anomalous couplings are also discussed for the 13 TeV LHC energy run. The improvements over these estimates for the forthcoming HL-LHC with 14 and 27 TeV and FCC-hh with 100 TeV centre-of-mass energies are also presented.

Secondary track (number)

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Session Classification: Beyond the Standard Model - Posters

Track Classification: 03. Beyond the Standard Model