



Contribution ID: 477

Type: **Theory poster**

CP-violating observables and top-pair production at LHC.

Thursday 10 June 2021 18:45 (1 hour)

We study new physics contributions to CP-violating anomalous couplings of top-quark in the context of top-pair production and their consequent decays into a pair of dilepton and b-jets at the Large Hadron Collider. An estimate of sensitivities to such CP-violating interactions would also be discussed for the pre-existing 13 TeV LHC data and its projections for the proposed LHC run at 14 TeV.

Primary author: Ms TIWARI, Apurba (Aligarh Muslim University)

Co-author: Mr GUPTA, Sudhir (Aligarh Muslim University)

Presenter: Ms TIWARI, Apurba (Aligarh Muslim University)

Session Classification: Poster Session

Track Classification: TeV-Scale BSM