



Contribution ID: 38

Type: **Oral**

SMEFT fits for the top quark sector at LHC and Future Colliders

Thursday, 18 May 2023 14:10 (15 minutes)

In this work the prospects for measurements of the top-quark couplings at future colliders are presented. Projections are presented for the high luminosity phase of the Large Hadron Collider and a future Higgs/electroweak/top factory lepton collider. Results are presented for the expected bounds on Wilson coefficients of the relevant SMEFT operators from a global fit to the top-quark physics sector.

Primary author: CORNET-GOMEZ, Fernando (CWRU)

Co-authors: MIRALLES LÓPEZ, Marcos (IFIC (UV-CSIC)); Dr MIRALLES, Víctor (INFN, Roma 1); MORENO LLÁCER, María (IFIC (UV-CSIC)); VOS, Marcel (IFIC (UV-CSIC))

Presenter: CORNET-GOMEZ, Fernando (CWRU)

Session Classification: Physics and Detectors: Track 1

Track Classification: Physics and Detectors: Track 1: Physics at e+e- colliders