

Phenomenology 2021 Symposium



Contribution ID: 1167

Type: QCD & EW

Top quark precision measurements with the ATLAS experiment at the LHC

Monday 24 May 2021 17:45 (15 minutes)

Run 2 of the Large Hadron Collider, with 140/fb of proton proton collisions at a center-of-mass energy of 13 TeV, has produced over 10^8 top quarks. The large sample has enabled precise measurements of the production cross section in the “classical” top quark production processes, as well as new measurements in previously unobserved kinematic regimes and production processes. In this contribution, precision measurements of top quark properties and interactions are reviewed, with emphasis on the recent highlights of the ATLAS top quark physics program.

Summary

Authors: COLLABORATION, ATLAS; BASAN, Alexander (Johannes Gutenberg Universitaet Mainz (DE))

Presenter: BASAN, Alexander (Johannes Gutenberg Universitaet Mainz (DE))

Session Classification: Flavor II