Contribution ID: **195** Type: **Talk**

Vector-boson scattering, diboson and triboson production at ATLAS

Thursday, 2 September 2021 10:00 (30 minutes)

Measurements that exploit electroweak boson scattering processes have become increasingly common at the Large Hadron Collider in the last few years. In this talk, we present the study of the electroweak Zγ production via both two neutrino and lepton final states. In addition, we present precision differential cross-section measurements of WW production in association with at least one jet. We also present the study of the triboson process of WWW production. Finally we discuss the interpretation of some electroweak results via Effective Field Theory. All of the differential cross-section measurements are corrected for detector effects and are compared to the predictions of state-of-the-art Monte Carlo event generators.

Details

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Is the speaker for that presentation defined?

Yes

Is this abstract from experiment?

Yes

Name of experiment and experimental site

ATLAS

Internet talk

Maybe

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