Contribution ID: **169** Type: **Talk**

Observations of weak boson scattering with the ATLAS detector

Thursday, 30 July 2020 12:25 (25 minutes)

The scattering of electroweak bosons tests the gauge structure of the Standard Model and is sensitive to anomalous quartic weak boson self interactions. In this talk, we present the latest results on weak-boson scattering from the ATLAS experiment using proton-proton collisions at $\sqrt{s}$=13 TeV. This will include the first observation of ZZ production, evidence for Zγ production via weak-boson scattering, as well as a measurement of diboson production via weak-boson scattering in semileptonic decay channels.

I read the instructions

Secondary track (number)

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