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## Standard Model precision measurements in the ATLAS experiment

*Monday, July 30, 2018 9:45 AM (15 minutes)*

The ATLAS experiment is conducting several high precision measurements in the Standard Model, providing stringent tests of QCD theoretical predictions and constraining the models describing the parton distribution function of the proton. In this talk, we will discuss some measurements of inclusive vector boson production as well as the production of vector bosons associated with heavy flavor jets in the  $\sqrt{s} = 13\text{TeV}$  kinematic regime performed by the ATLAS experiment.

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