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Standard Model measurements by ATLAS and CMS

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Measurements of Standard Model (SM) processes at the LHC range from the production of jets and photons, or precision measurements with single W and Z bosons, to measurements of rare multiboson processes that only recently became experimentally accessible. In this talk, recent measurements of such processes from the ATLAS and CMS collaborations are presented. They are used to determine fundamental parameters of the SM, such as the coupling constant of the strong interactions, constrain the parton content of the proton, or to set limits on non-SM electroweak gauge couplings. In all cases, the measurements are compared to state-of-the-art theoretical calculations.

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