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Standard Model Physics with ATLAS and CMS

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The study of Standard Model (SM) physics is very important at the LHC. Before any discovery can be claimed a detailed understanding of the detectors should be reached and benchmark SM processes should be measured. A precise measurement of the various parameters is crucial as a consistency check of the SM. Moreover, SM processes can be directly sensitive to new physics, they will allow to test QCD predictions and measure PDFs and are backgrounds for many new physics channels. In this report, the status of some analysis at ATLAS and CMS is reported focusing on W and Z inclusive cross sections and on W and top quark mass measurements. Results on early data (awaited before the end of the year) are also shown.

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