

## Recent highlights of CMS and ATLAS and prospects for future high energy collider experiments

*Tuesday, 16 April 2019 10:45 (35 minutes)*

Recent experimental highlights from the ATLAS and CMS collaborations at the CERN Large Hadron Collider will be presented. The LHC Run 2 has just concluded, having delivered over  $150 \text{ fb}^{-1}$  of proton-proton collisions at 13 TeV to each experiment. These large data sets enable ATLAS and CMS to expand their already wide-range physics programs and to continue their ambitious exploration of physics at the TeV scale. Looking forward into the future, the outlook and prospects for high energy collider experiments at CERN will be discussed, with emphasis in the high luminosity upgrade of the LHC.

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