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Abstract for an Invited Paper for the APR17 Meeting of the American Physical Society

Higgs and Standard Model Physics at the LHC

SI XIE, California Institute of Technology

The most recent results for Higgs and Standard Model physics in 7, 8 and 13 TeV proton-proton collisions at the LHC will be reviewed in this talk. Many precision measurements involving the Higgs boson, top quark, vector bosons and jets have been performed by the ATLAS and CMS experiments in a wide range of final states. The measurements presented provide some of the most stringent tests to date of the Standard Model.