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Status of the Endcap Muon System for the Compact Muon Solenoid Experiment KHRISTIAN KOTOV[1], University of Florida, CMS COLLABORATION — Presented are the design and status of the Endcap Muon System of the Compact Muon Solenoid (CMS) detector under construction for the Large Hadron Collider, a 14 TeV proton-proton collider. The CMS Endcap Muon System consists of 468 Cathode Strip Chambers with a total sensitive area of 6000 square meters, and it provides a spatial resolution of 100 microns per track in a six-plane chamber. The system provides muon identification, momentum measurement, and a Level- 1 trigger. It is currently fully installed, and cosmic-ray data is being recorded at CERN.

[1]on behalf of the CMS Endcap Muon Subsystem Collaboration

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