

Abstract Submitted
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Performance of Jet Algorithms at CMS COSMIN DRAGOIU, University of Illinois, Chicago, CMS COLLABORATION — The Compact Muon Solenoid (CMS) detector at the Large Hadron Collider (LHC) at CERN is designed to study a wide range of high-energy processes involving diverse signatures of final states. Almost every process of interest at LHC contains quarks and gluons in the final state which, through the fragmentation process, evolve into collimated spray of particles called jets. Jets are identified by clustering localized energy depositions in the CMS calorimeter detectors. Studies on the performance of the jet algorithms used at CMS will be presented.

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