

Abstract Submitted
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Introduction of an EM Feature Bit in the CMS Forward Hadron Calorimeter MOHAMMAD ALHUSSEINI, The University of Iowa, CMS COLLABORATION — The introduction of a new feature bit into the CMS forward hadron calorimeter (HF) is presented. The feature bit utilizes the energy deposition in HF's short and long energy fibers to discriminate between electrons and hadrons. A comprehensive study is presented to determine the viability of triggering on forward electrons using this feature bit during Run 3 collisions.

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