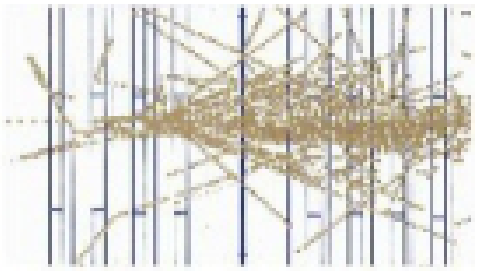

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CMS HCAL Installation and Commissioning

Thursday, 29 May 2008 09:40 (20 minutes)

Summary

The CMS hadron calorimeter system consists of brass/scintillator sampling hadron calorimeter (HCAL) with coverage up to $|\eta| \leq 3.0$, followed by the iron/quartz-fibre Hadron Forward (HF) calorimeter with coverage $3.0 \leq |\eta| \leq 5.0$, comprising 9528 readout channels in total. The installation and commissioning of the Hadron Barrel (HB), Hadron Outer (HO), Hadron Endcap (HE) and Hadron Forward (HF) calorimeters using local and global runs is described. The performance of the various monitoring systems, the progress in the calibration work and the current plans for the HCAL calorimeter during the low luminosity run will be summarized. During the commissioning period, various technical and cosmic ray data were taken using the global trigger system of the CMS detector. The preliminary results of those runs will be reported.

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