

ECAL Front-End Monitoring in the CMS experiment

Monday, 23 March 2009 16:50 (20 minutes)

The CMS detector at LHC is equipped with a high precision lead tungstate crystal electromagnetic calorimeter (ECAL).

The front-end boards and the photodetectors are monitored using a network of DCU (Detector Control Unit) chips located on the detector electronics.

The DCU data are accessible through token rings controlled by an XDAQ based software component.

Relevant parameters are transferred to DCS (Detector Control System) and stored into the Condition DataBase.

The operational experience from the ECAL commissioning at the CMS experimental cavern is discussed and summarized.

Primary author: Mr MARONE, Matteo (Universita degli Studi di Torino - Universita & INFN, Torino)

Presenter: Mr MARONE, Matteo (Universita degli Studi di Torino - Universita & INFN, Torino)

Session Classification: Online Computing

Track Classification: Online Computing