

# MicroTCA @ CMS

*Thursday 12 December 2013 09:30 (13 minutes)*

The CMS experiment at the LHC at CERN has decided to upgrade their readout hardware at a large scale from VME to MicroTCA . In this talk major parts of the upgrade will be introduced. As a typical use case in the HEP environment the migration from VME to MTCA.0 will be discussed for a readout crate of a sub detector. The AMC boards developed by the collaboration will be introduced with a focus on the AMC13 board. This board is placed in the second MCH slot and exploits the connectivity in this slot and is the central part of all the main CMS MicroTCA upgrade projects.

**Primary author:** BEHRENS, Ulf (DESY)

**Presenter:** BEHRENS, Ulf (DESY)

**Session Classification:** Applications in research facilities

**Track Classification:** Applications in research facilities