

A New ATLAS Muon CSC Readout System with System on Chip Technology on ATCA Platform



Richard Claus
(claus@SLAC.Stanford.edu),
on behalf of the ATLAS Muon
Collaboration

Summary of Poster Topics

- The ATLAS Cathode Strip Chambers
- An ATCA-Based Generic Data Acquisition System
- The application of Reconfigurable Cluster Elements to the CSC
- Integration with ATLAS TDAQ
- Data Quality
- Performance
- System is ready for LHC Run-2