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FELIX: the detector readout upgrade of the ATLAS experiment

Thursday, 6 August 2015 16:00 (15 minutes)

After the Phase-I upgrade and onward, the Front-End Link eXchange(FELIX) system will be the interface between the readout system and the detector front-end electronics and trigger electronics at the ATLAS experiment. FELIX will function as a gateway to a commodity switched network which will use standard technologies (Ethernet or Infiniband) to communicate with data collecting and processing components. In this talk the system architecture of FELIX will be described and the testing results of the FELIX demonstrator will be presented.

Oral or Poster Presentation

Oral

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