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Trigger and DAQ: introduction to Data Acquisition

Wednesday, 21 October 2015 10:00 (1 hour)

Data Acquisition gets the data from the front-end detector electronics to mass-storage. In this lecture we will cover the most basic concepts of data acquisition and triggering. We will talk about concepts like buffering, dead-time, scalability. We will also introduce some important programming paradigms for DAQ and discuss some aspects of network-ed data acquisition systems.

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