Broad presentation of the LHCb DAQ system, through the run of the Full Experiment System Test

In order to provide physics data from the detectors, DAQ system uses all kind of IT technologies: hardware, software from high level programming to kernel hacking, networking, storage areas ...

Nowadays, the LHCb DAQ system is being verified, validated and monitored integrally, through the use of the brand-new injection test module. This module is a software implementation of the hardware layer of the LHCb experiment. It is a key piece in the ongoing data-challenges in LHCb: events are held every month, with both online and offline teams, in order to monitor the system.

The LHCb DAQ, the integration of the injector and tests results will be presented.