

Data Quality Control of the ALICE Inner Tracking System in the LHC Run 3

Friday 19 July 2024 20:40 (20 minutes)

The contribution provides an overview of the Data Quality Control System (QC) of the ALICE Inner Tracking System (ITS2).

QC is a software developed during the ITS commissioning before the beginning of the LHC Run 3. It is used to validate

the detector performance and guarantee efficient data taking.

QC is capable of synchronous data flow monitoring at different levels: data integrity, data rate, hit rate (and fake-hit rate),

cluster and track reconstruction level, and even secondary vertex reconstruction for strange particles.

QC is run during online reconstruction, offline reconstruction passes as well as during Monte Carlo productions.

Alternate track

I read the instructions above

Yes

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Session Classification: Poster Session 2

Track Classification: 12. Operation, Performance and Upgrade (incl. HL-LHC) of Present Detectors