

XXVIII International Workshop on Deep Inelastic Scattering and Related Subjects



Contribution ID: 306

Type: **Invited Talk**

Future developments of the LHCb experiment

Tuesday, 24 March 2020 10:00 (20 minutes)

The LHCb detector is currently being upgraded to be able to take data at higher luminosities and with greater efficiency in Run3. This involves replacement of many subdetector systems, including the vertex detector, upstream tracker, the photodetectors of the ring-imaging Cherenkov detectors, and the downstream tracker. Equally important will be a complete redesign of the data-acquisition system, eliminating the hardware trigger. Physics goals with Run-III data and the status of ongoing and planned detector upgrades will be presented. A brief view on software upgrades and an outlook towards HL-LHC will also be shown.

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Session Classification: Future Experiments

Track Classification: Future Experiments