

## **LHCb status and perspectives for Run 3**

*Monday 14 November 2022 12:00 (50 minutes)*

The LHCb detector at the LHC is a forward spectrometer designed for the study of CP violation and rare decays of c- and b-hadrons. During Runs 1 and 2, it accumulated the largest samples of these hadrons in the world and contributed to a broad range of physics topics beyond its original purpose. The status of the experiment is discussed, together with a review of the latest physics results, such as CP violation in beauty and charm decays, exotic hadron spectroscopy and lepton flavour universality tests. We also present the recently completed Upgrade I of the LHCb detector and the perspectives for Run 3.

### **Poster fallback option for rejected abstracts for parallel oral presentations**

Does not apply

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**Track Classification:** Flavour physics and CP violation