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## The LHCb upgrades

*Friday, April 21, 2017 6:40 PM (15 minutes)*

High-precision measurements performed by the LHCb collaboration have opened a new era in flavour physics and more generally in high precision measurements. LHCb has already performed crucial measurements in b physics, spectroscopy, rare decays and CP violation, but a challenging Phase-I upgrade program of the LHCb detector planned for the LHC Run3 is already on the way. These measurements will highly benefit from a dramatic increase of statistics in LHCb's measurements. The upgrade program of the LHCb detector, its detector upgrade, and its reach in flavour physics are discussed in detail followed by a brief introduction of a successive Phase-II upgrade to happen in parallel to the HL-LHC upgrades.

**Primary author:** ALESSIO, Federico (CERN)

**Presenter:** ALESSIO, Federico (CERN)

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