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## The LHCb Trigger: present and future.

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LHCb is a single arm spectrometer covering the pseudo-rapidity range between 1.9 and 4.9, and has been optimised to perform flavour physics measurements at the LHC. The present two level trigger system is able select charm and beauty decay products with high efficiency due to the ability to trigger on transverse momenta below the B-meson invariant mass. The trigger can select both leptonic, and purely hadronic decays. The performance of the trigger is determined from the data itself without having to rely on Monte-Carlo simulation, and will be presented. LHCb has recently submitted their upgrade LOI, which mainly aims at profiting from much larger luminosities by moving towards a single fully software based trigger. The upgrade strategy and expected performance will be presented.

**Author:** AAIJ, Roel (Unknown)

**Presenter:** AAIJ, Roel (Unknown)

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