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Triggering with the LHCb calorimeters

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Summary

The calorimeters of LHCb (ECAL, HCAL, PRS and SPD) are used in the level-0 trigger system of the experiment, to detect high transverse momentum hadrons, photons, electrons and π^0 . An overview of the LHCb calorimeter triggering system, which consists of several layers of electronics boards is presented. The commissioning and the performances of the system are discussed, in particular the results obtained with cosmic rays.

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