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Study on the performance of the Particle Identification Detectors at LHCb after the LHC First Long Shutdown (LS1) (12' + 3')

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During the First Long Shutdown (LS1), the LHCb experiment has introduced major modification in the data-processing procedure and modified part of the detector to deal with the increased luminosity and the increased heavy-hadron production cross-section. In this contribution we review the performance of the particle identification detectors at LHCb, Rich, Calorimeters, and Muon system, after the LS1.

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