Upgrade of the Upstream Tracker at LHCb JASON ANDREWS,
University of Maryland, LHCB COLLABORATION — The LHCb detector will be
upgraded to allow it operate at higher collider luminosity without the need for a
hardware trigger stage. Flavor enriched events will be selected in a software based,
high level trigger, using fully reconstructed events. This presentation will describe
the design, optimization and the expected performance of the Upstream Tracker
(UT), which has a critical role in high level trigger scheme.

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