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High- p_T Lepton Tails at the LHC and Flavour Physics

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Large Hadron Collider (LHC) is delivering an unprecedented amount of data which enables ATLAS and CMS detectors to perform the most precise measurements of the Drell-Yan and mono-lepton high- p_T tails. On the one hand, the LHC is a collider of five-quark flavors and several excellent methods of heavy flavor tagging in the final state have recently been developed, while on the other hand, a short distance new physics effects are enhanced at high- p_T . Having this in mind, we explore the opportunities and challenges for studying heavy flavour physics in the high- p_T tails in years to come.

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