

Abstract Submitted  
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**Study of Lepton Flavor Universality in Semileptonic decays with LHCb**<sup>1</sup> BRIAN HAMILTON, University of Maryland, LHCb COLLABORATION  
— Semileptonic b-hadron decays to tau leptons provide a powerful probe for a class of new physics models that may have Higgs-like non-universal couplings to the charged leptons. Recent improvements in the measured decay rates in these channels hint at an excess relative to the expected rates in Standard Model calculations. A new development in this area is the emergence of hadron collider measurements with different systematics and backgrounds providing complimentary probes of the same or similar processes. We present the latest progress in these measurements using the LHCb 7 and 8 TeV datasets.

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Abolhassan Jawahery  
University of Maryland

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