

# LHCb measurements on semileptonic decays of **b**-hadrons

*Friday 19 July 2024 08:30 (15 minutes)*

Semileptonic  $b$ -hadron decays proceed via charged-current interactions and provide powerful probes for testing the Standard Model and for searching for New Physics effects. The advantages of studying such decays include the large branching fractions and reliable calculations of the hadron matrix elements. In this contribution, LHCb measurements on CKM parameters and test of new physics will be presented.

## **Alternate track**

### **I read the instructions above**

Yes

**Co-author:** VOS, Keri (Nikhef National institute for subatomic physics (NL))

**Presenter:** LUPATO, Anna (Università di Bergamo & INFN Padova)

**Session Classification:** Quark and Lepton Flavour Physics

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