



Contribution ID: 113

Type: **Talk**

Lepton Flavour Universality tests using semileptonic b-hadron decays

Monday 26 August 2024 11:00 (20 minutes)

The Standard Model states that interactions between electroweak bosons and leptons are independent of lepton flavour, a principle known as lepton flavour universality. However, recent studies of b-hadron decays involving leptons have revealed intriguing hints of deviations from lepton flavour universality. This talk reviews recent results and future prospects of lepton flavour universality tests in $b \rightarrow c\ell\nu$ decays at LHCb

Internet talk

No

Is this an abstract from experimental collaboration?

Yes

Name of experiment and experimental site

LHCb, CERN in Geneva, Switzerland

Is the speaker for that presentation defined?

Yes

Details

Bogdan Kutsenko, Aix Marseille Univ, CNRS/IN2P3, CPPM, Marseille, France, https://www.cppm.in2p3.fr/web/fr/infos_pratiques/annuaire

Author: KUTSENKO, Bogdan (Aix Marseille Univ, CNRS/IN2P3, CPPM, Marseille, France)

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

Presenter: KUTSENKO, Bogdan (Aix Marseille Univ, CNRS/IN2P3, CPPM, Marseille, France)

Session Classification: High Energy Particle Physics

Track Classification: Main topics: High Energy Particle Physics