



ID contributo: 903

Tipo: **Parallel Talk**

## Lepton Flavour Violation at LHCb

*sabato 9 luglio 2022 11:49 (17 minuti)*

The observation of Lepton-Flavour or Lepton-Number violation would be an incontrovertible sign for New Physics. The LHCb experiment is well suited to search for this phenomena in B-meson decays thanks to its large acceptance and trigger efficiency, as well as its excellent invariant mass resolution and particle identification capabilities. Recent results on searches for lepton-flavour and lepton-number violating decays from the LHCb experiment will be presented.

### In-person participation

Yes

**Autore principale:** NEUBERT, Sebastian (Bonn University)**Relatore:** BIAN, Lingzhu**Classifica Sessioni:** Quark and Lepton Flavour Physics**Classificazione della track:** Quark and Lepton Flavour Physics