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Type: **Talk**

## Search for Charged Lepton Flavour Violation at CMS

*Monday 28 August 2017 10:00 (25 minutes)*

Lepton flavour is a conserved quantity in the standard model of particle physics, but it does not follow from an underlying gauge symmetry. After the discovery of neutrino oscillation, it has been established that lepton flavour is not conserved in the neutral sector. Thus the lepton sector is a great place to look for New Physics, and in this perspective the Charged Lepton Flavour Violation is interesting. Various extensions of the standard model predicts lepton flavour violating decays that can be observed at LHC. This talk presents several searches for lepton flavour violation with data collected by CMS detector.

### **Topic:**

Other

### **Summary**

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