

Detectors for future CLFV experiments

Wednesday 8 September 2021 14:20 (30 minutes)

Charged lepton flavor violation is heavily suppressed in the standard model, and its observation would be a clear evidence of new physics. Planned experiments in the muon sector are aiming at discovering or improving exclusion limits by several orders of magnitude by the end of the decade. New ideas and detector concepts have been recently proposed to further increase the experimental sensitivity. In this talk, we will review some of the technologies discussed for the next generation of muon CLFV experiments.

Working group

WG4

Presenter: ECHENARD, Bertrand (California Institute of Technology)

Session Classification: WG 4 + WG 6 (WG4 zoom)