



Contribution ID: 47

Type: **Talk**

Searches for lepton flavour and lepton number violation in K^+ decays with the NA62 experiment

Thursday, 12 September 2019 09:40 (25 minutes)

The NA62 experiment at CERN collected a large sample of charged kaon decays into final states with multiple charged particles in 2016-2018. The sensitivity to a range of lepton flavour and lepton number violating kaon decays provided by this data set improves over the previously reported measurements. Results from the searches for these processes with a partial NA62 data sample are presented.

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Session Classification: Rare and forbidden Kaon decays - 1