

Abstract Submitted  
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**Searches for lepton flavour and lepton number violation in  $K^+$  decays** JAN JERHOT<sup>1</sup>, Universit Catholique de Louvain, NA62 COLLABORATION<sup>2</sup>  
— The NA62 experiment at CERN collected a large sample of charged kaon decays into final states with multiple charged particles in 2016-2018. This sample provides sensitivities to rare decays with branching ratios as low as  $10^{-11}$ . Based on this data set, searches for lepton flavour and lepton number violating decays of the charged kaon into final states containing a lepton pair are presented.

<sup>1</sup>The abstract is submitted by P. Cenci, chair of the Conference Committee of the NA62 experiment at CERN. If it will be accepted as a talk, a different presenting author will be appointed as a speaker by the NA62 collaboration.

<sup>2</sup><https://na62.web.cern.ch/>

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