



Contribution ID: 56

Type: **Talk**

New measurement of radiative decays at the NA62 Experiment at CERN

Monday, 30 August 2021 17:30 (30 minutes)

The NA62 experiment at CERN reports new results from studies of radiative kaon decays $K^+ \rightarrow e^+ \nu e \gamma$ ($Ke2g$) and $K^+ \rightarrow \pi^0 e^+ \nu e \gamma$ ($Ke3g$), using a data sample recorded in 2017-2018. The sample comprises $O(10k)$ $Ke2g$ candidates and $O(100k)$ $Ke3g$ candidates with sub-percent background contaminations. Preliminary results with the most precise measurement of the and branching ratios, determination of structure-dependent $Ke2g$ form factors, and T-asymmetry measurement in the $Ke3g$ decay, are presented.

Is this abstract from experiment?

Yes

Name of experiment and experimental site

NA62 Experiment at CERN, <https://na62.web.cern.ch/>

Is the speaker for that presentation defined?

No

Details

N/A

Internet talk

Maybe

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