

30th International Symposium on Lepton Photon Interactions at High Energies



Contribution ID: 207

Type: **Parallel session talk**

New measurement of radiative decays at the NA62 Experiment at CERN

Tuesday, January 11, 2022 5:30 PM (20 minutes)

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

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Session Classification: Quark and charged lepton flavour

Track Classification: Flavour