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## New measurement of the radiative decay $K_{e3\gamma}$ at the NA62 experiment at CERN

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The NA62 experiment at CERN reports new results from the study of the radiative kaon decay  $K^+ \rightarrow \pi^0 e^+ \nu_\mu \gamma$  ( $K_{e3\gamma}$ ), using a data sample recorded in 2017–2018. The sample comprises  $O(100k)$   $K_{e3\gamma}$  candidates with sub-percent background contamination. Preliminary results with the most precise measurement of the  $K_{e3\gamma}$  branching ratio, and a T-asymmetry measurement in the  $K_{e3\gamma}$  decay, are presented.

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