

# Measuring the $BR(K^{\pm} \rightarrow \pi + \nu \text{ nubar})$ with the NA62 experiment at CERN

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The NA62 experiment is designed to measure the BR of the very rare kaon decay  $K^{\pm} \rightarrow \pi + \nu \text{ nubar}$  collecting order 100 events with 10% of background in two years of data taking. The poor current experimental knowledge of this decay, based on 7 events collected by the E787/949 experiments, from one side, and the good theoretical prediction on the other side, make this new measurement very appealing. The experiment set-up and the description of the detectors that are going to be installed will be described.

**Author:** Dr SARACINO, Giulio (Univ. Degli Studi di Napoli Federico II)

**Presenter:** Dr SARACINO, Giulio (Univ. Degli Studi di Napoli Federico II)

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