

Kaon experiments at CERN: recent results and prospects

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The NA62 experiment at CERN collected a large sample of charged kaon decays with a low intensity beam and minimum bias trigger conditions in 2007. This allowed measurements of a number of rare decays that are difficult to address in conventional experiments with selective triggers. Recent results based on this data sample is presented. The status of the next stage of the NA62 experiment aiming a measurement of the ultra-rare decays $K^+ \rightarrow \pi^+ \nu$ anti- ν to a record 10% precision is also discussed.

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