



Contribution ID: 7

Type: **oral**

# The NA62 experiment at CERN

*Tuesday, 12 October 2010 16:25 (25 minutes)*

The NA62 experiment aims to collect of the order of 100  $K^+$  to  $\pi^+ \nu$  decays with a 10% level of background. Studies using Monte Carlo simulation of the apparatus and data from test beam runs were performed to assess the expected sensitivity of the apparatus. The results about signal acceptance and background rejection will be presented.

**Primary author:** RUGGIERO, Giuseppe (Scuola Normale Superiore and INFN Pisa)

**Presenter:** RUGGIERO, Giuseppe (Scuola Normale Superiore and INFN Pisa)

**Session Classification:** Kaon Physics

**Track Classification:** Kaons