

# BEACH 2010 - IX International Conference on Hyperons, Charm and Beauty Hadrons



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## Measurement of the rare Decay $K^{+-} \rightarrow \pi^{+-} \gamma \gamma$ at NA48

We report on the measurement of the branching fraction of the rare decay  $K^{+-} \rightarrow \pi^{+-} \gamma \gamma$  using the full NA48/2 dataset of more than 5000 reconstructed decays from the full NA48/2 data set.

From the spectrum of the invariant  $\gamma \gamma$  mass, the decay parameter  $c^{\wedge}$  can be extracted with unprecedented precision.

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