



Contribution ID: 8

Type: **not specified**

## Measurement of the radiative Decay $K^{+-} \rightarrow \pi^0 e^{+-} \nu_e \gamma$ at NA48

We report on the measurement of more than 200000 events of the decay  $K^{+-} \rightarrow \pi^0 e^{+-} \nu_e \gamma$ , recorded with the NA48/2 detector at CERN. These statistics, about two orders of magnitude more than previous experiments, allow measurements of the decay rate and of possible CP violation in this decay with per cent precision.

**Primary author:** Dr LAZZERONI, Cristina Lazzeroni (University of Birmingham)

**Presenter:** Dr LAZZERONI, Cristina Lazzeroni (University of Birmingham)