The $\varepsilon'/\varepsilon$ measurement by the NA48 experiment at CERN

The NA48 experiment closed in 2001 a 4-year running period devoted to the precise measurement of the direct CP violation component in the two pion decay of the neutral K meson. A total number of ~5 milion events of the most suppressed mode $K^0 \to \pi^0 \pi^0$ have been accumulated. In this talk we will show the methods used to extract the $\varepsilon'/\varepsilon$ information and we will give the final result and the level of uncertainty achieved.