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## Measurement of the branching fraction and $CP$ asymmetry of $B^0 \rightarrow \pi^0 \pi^0$ decays

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We report branching fraction and  $CP$  asymmetry measurements of the  $B^0 \rightarrow \pi^0 \pi^0$  decay mode at Belle II using a data sample corresponding to  $198 \times 10^6 B\bar{B}$  pairs. This is comparable sensitivity with 1/4th of the Belle dataset.

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