

## EXO-200 results

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EXO-200 is dedicated for study of the double beta decay of  $^{136}\text{Xe}$  using 200kg of enriched xenon. This large and homogeneous TPC filled with liquid xenon have proven to be excellent tool in the search for neutrinoless double beta decay with ultra-low background and state of the art sensitivity. The experiment made the first observation of the  $2\beta 2\nu$  decay in  $^{136}\text{Xe}$  and the most precise measurement of half-life among any double beta decay isotopes to date. I will report on current status and the latest results obtained.

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