



Contribution ID : 787

Type : **Oral talk**

Recent results from EXO-200

Friday, 9 October 2020 17:25 (15)

EXO-200 is a double beta-decay search experiment, that was taking science data in 2011-2018. It is a liquid xenon TPC detector with 200 kg of xenon enriched to 80% in isotope ^{136}Xe . Latest results from analysis of a full dataset will be presented. These include a limit in neutrinoless decay mode, measurement of the scintillation and ionization yields, and first results from accurate study of ^{137}Xe beta-decay shape, which might shed some light on effective g_A value. The EXO-200 detector began new era of experiments with hundred kilogram active mass. It have shown potential and maturity of the method used and can be considered as a demonstrator for a bigger detector nEXO with 5000kg of xenon that aims to reach sensitivity of 10^{28} years for $2\beta 0\nu$ decay of ^{136}Xe .

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Session Classification : Neutrino Physics

Track Classification : Neutrino physics