

Abstract for an Invited Paper  
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**Recent results from NEMO 3 experiment**

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The main goal of the NEMO3 experiment is to study neutrinoless double beta decay of different isotopes ( $^{100}\text{Mo}$ ,  $^{82}\text{Se}$  etc.) with a sensitivity of up to  $\sim 10^{25}$  y, which corresponds to a sensitivity for the effective Majorana neutrino mass at the level of  $\sim (0.1 - 0.3)$  eV. The experiment is now going on in the Frejus underground laboratory (Laboratoire de souterrain de Modane, LSM). The recent results of this experiment are reported here.