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NEMO 3 double beta decay experiment and SuperNEMO project¹

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NEMO 3 is a double beta decay experiment operating in the Laboratoire de Souterraine de Modane (LSM). We will present the latest results of the neutrinoless double beta decays of 7kg of ^{100}Mo and 1kg of ^{82}Se , as well as two neutrino double beta decays of various isotopes in the NEMO 3 experiment with the highest precision measurements. The SuperNEMO project is being designed to the next step of the NEMO 3 double beta decay experiment. We will present the current status of the project.

¹NEMO Collaboration