

## **Latest results from NEMO-3 and commissioning status of SuperNEMO**

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Experimental searches for neutrinoless double-beta decay ( $0\nu\beta\beta$ ) are one of the most active research topics in neutrino physics. Its observation is in fact of major importance since it will prove the Majorana nature of neutrinos and may give access to their absolute mass scale.

Installed at Modane Underground Laboratory (LSM), the NEMO experiments provide a unique approach combining a calorimetric and a tracking measurement of  $\beta\beta$  events emitted by a separated isotopic source. This approach allows to search for  $0\nu\beta\beta$  decays among several isotopes with good background discrimination. Furthermore, the NEMO experiments are able to measure all kinematical parameters of the event(s) which might allow to determine the process leading to  $0\nu\beta\beta$ .

The talk will briefly review the latest results of the NEMO-3 experiment and will then focus on the status of installation and commissioning phase of the SuperNEMO demonstrator.

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