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Type: **Ordinary**

Recent results from Gerda

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The GERmanium Detector Array (GERDA) experiment searches for the neutrinoless double beta decay of Ge-76. It is a lepton-violating process which can shed light on the Dirac vs. Majorana nature of the neutrino.

The experiment is located at the Gran Sasso Underground Laboratory (LNGS) of INFN, Italy.

High-purity Germanium detectors enriched in the isotope 76 are operated bare in liquid argon, that serves as cooling medium and shields against external radiation.

Data taking for the Phase I of the experiment began on Nov. 2011. Latest results, including resolutions, background levels and a measurement of the half-life of the neutrino-accompanied double beta decay of Ge-76 will be presented.

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Classification de Session: Neutrinos

Classification de thématique: Experiment