

# Overview of HPGe measurements in LPSC-Modane

The gamma spectrometry installation from Laboratoire Souterrain de Modane welcomes the largest number of low background germanium. The installation is going through a big refurbishment allowing us to welcome much more detector in a reduced space. The new organization features a common shield and an improvement of the radon protection. The design is also ready for automatization and will welcome in a near future an automatic sample changer improving drastically the measurement capability. A comparison will be made between chemical technics and gamma spectrometry discussing the replacement of gamma spectrometer by ICP-MS. A final small subsection will present interdisciplinary projects based on the available knowledge in underground labs for biological and electronics topic.

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