

Low radioactivity and Multi- disciplinarily Underground Laboratory of Modane (LSM)

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Content

The Modane Underground Laboratory (LSM) is located 1700 m (4800 m.w.e) below Fréjus peak (Alpes chain) mountain in the middle of the Fréjus tunnel between France/Italy. The LSM is a multi-disciplinary platform for the experiments requiring low radioactivity environment. Several experiments in Particle and Astroparticle Physics, low-level of High Purity of Germanium gamma ray spectrometry, biology and home land security hosted in the LSM. It's equipped by Anti-Radon facility where all of the detectors are under Radon depleted Air. I'll present the LSM structure and briefly reviewed of all experiments are installed in.

Summary

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