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Science at Underground Laboratory of Modane (LSM)

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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. This thickness of the rock reduce the muon flux to 5 muons/day/m2. The LSM is a multidisciplinary 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. I'll present the evolution of the LSM structure and of its science program.

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