

The Canfranc Laboratory: a multidisciplinary underground facility

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The Canfranc Underground Laboratory in north of Spain has been in operation since 2006. The underground site has three experimental Halls and a number of facilities such as seven high purity germanium detectors for radioactivity screening, a clean room, a radon abatement system. The main research field at Canfranc is astroparticle physics. However, a feasibility study for an accelerator for nuclear astrophysics is in progress. At present at Canfranc two direct dark matter projects are in operation and a double beta decay detector under commissioning. A geodynamic facility is also present underground to monitor local and global seismic events. In the talk the characteristics of the laboratories and the existing experiments will be reviewed.

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