

## Low Radioactivity Techniques (LRT2022)



Contribution ID: 11

Type: **Poster**

### Science at LSM, Underground Laboratory of Modane

*Wednesday, June 15, 2022 3:13 PM (1 minute)*

The Underground Laboratory of Modane (LSM, Laboratoire Souterrain de Modane) is the deepest European underground multidisciplinary platform. Under 4800 m.w.e ( Meter Water Equivalent), the LSM gives the opportunity to all experiments need to be sheltered from cosmic rays and/or looking for rare events to be hosted.

From Electronics, Biology, HPGe gamma spectrometry up to fundamental physic, in particular Dark Matter search and neutrino double beta decay, are the science objects which lives at underground laboratory of Modane.

In this talk, we'll review of existing and coming experiments will be shown after speaking about the specification of the LSM infrastructure.

**Primary authors:** DASTGHEIBI FARD, Ali (France CNRS/LPSC\_LSM); Mr WAROT, Guillaume (France CNRS/LPSC\_LSM)

**Presenter:** DASTGHEIBI FARD, Ali (France CNRS/LPSC\_LSM)

**Session Classification:** LRT 2022 - poster session

**Track Classification:** Global Underground Laboratories