



Contribution ID: 4

Type: **not specified**

## Latest news and projects from the GANIL Targets Laboratory

The growing number of experiments at GANIL has led to a significant increase in target demand—from approximately 50 units annually to an anticipated 500+. Moreover, the materials required for these targets have grown more complex, now including rare earth elements and natural uranium. This shift necessitates not only a larger quantity of targets but also enhanced quality, with stringent standards for homogeneity and purity. To meet these challenges, advanced equipment, controlled working environments, and rigorous validation protocols are essential to ensure reproducibility and precision.

In response to these evolving needs, GANIL has established PALAIS (Plateforme cibles pour GANIL/SPIRAL2), a dedicated target fabrication platform designed to serve an international user community. This platform, PALAIS specializes in producing a diverse range of high-quality targets in large quantities.

This report will provide an update on the GANIL Target Laboratory, which has recently undergone extensive renovation and modernization, including the acquisition of state-of-the-art equipment.

### Title

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