Task1

Access provision for research teams from industries and involvement of industrial users (GANIL)

M-H.Moscatello – X.Ledoux

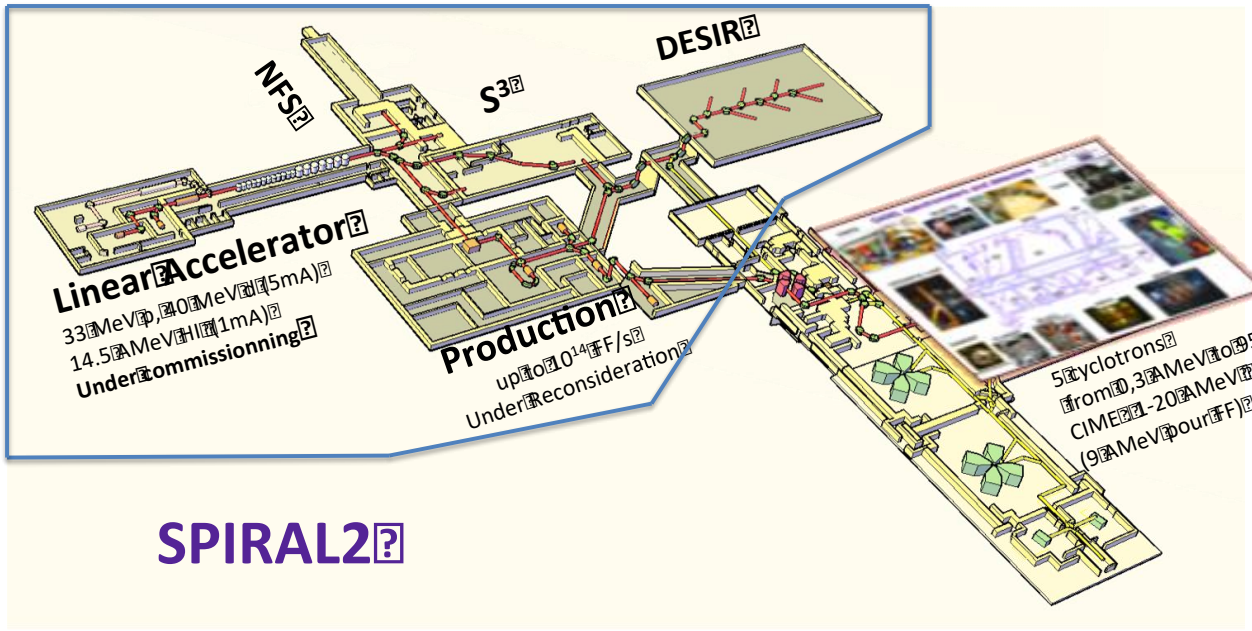
Task1 main goals

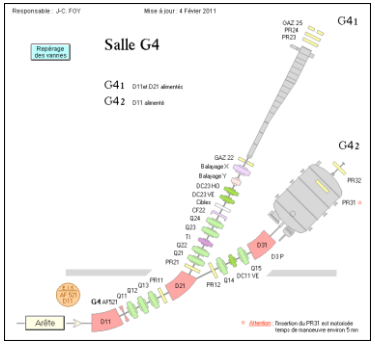
- Convince the industries of the interest of the new accelerator SPIRAL2, for their measurements and applications, and attract more industries for new applications through the use of the GANIL accelerators

- Financement of 240 hours of beam time (and travel expenses) for some new industrial experiments that would like to test the capabilities of the GANIL facility in order to confirm industrial's interest in the available beams

- Creation of an international selection panel to assess the proposed experiments

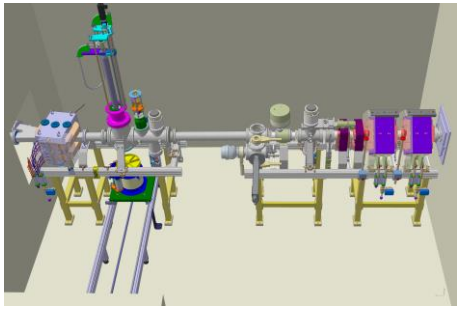
GANIL facility for industrial users





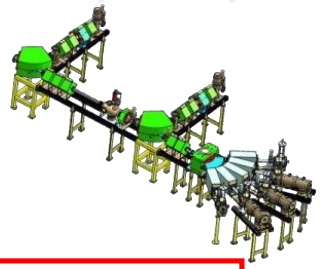
G4 cave

NFS area

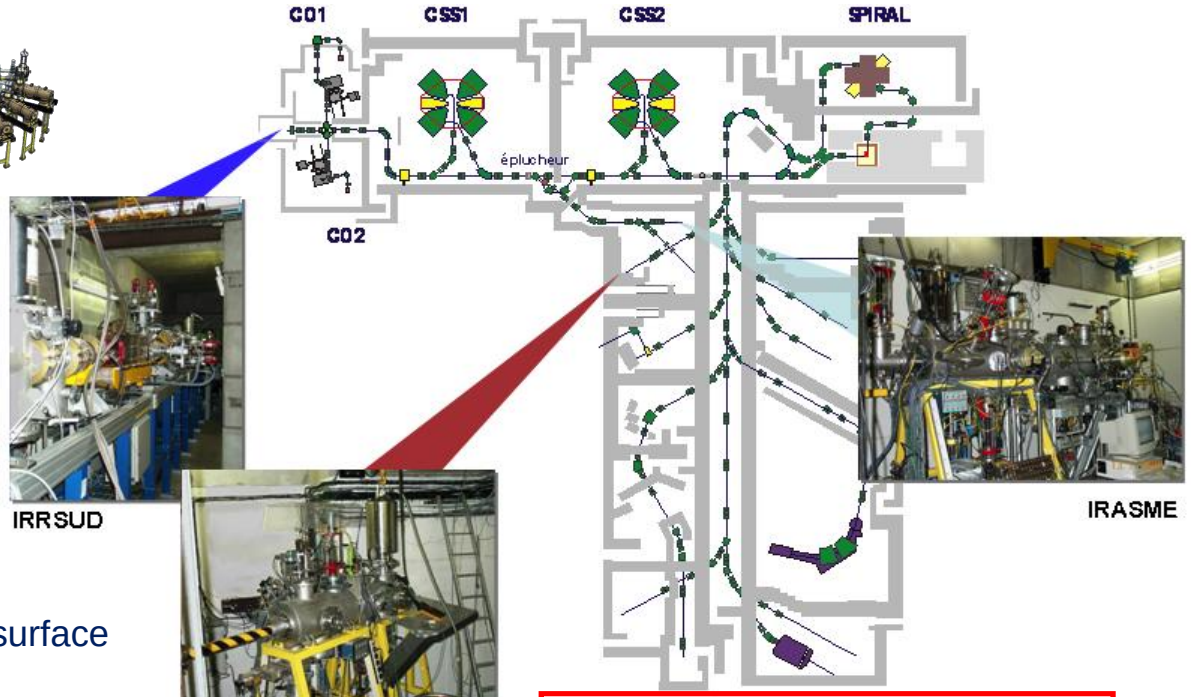


NFS converter area

Interdisciplinary Research at GANIL: the CIRIL/CIMAP user facility



Low Energy beams
5 beam lines
Up to Xe^{30+}
From 1 to 25 qkV



3 end stations:
- Controlled irradiated surface
- Controlled Dosimetry
- Automatisation

+

- **Online analysis** (IR, UV, Visible spectroscopy; X-Ray diffractometer, COLTRIMS, …)

3 High Energy beam lines
From C to U
From 0.5 to 95 AMeV
Stopping power: a few keV/nm

First actions

- Creation of the international selection panel: 1 person of the CEA/DAM (contact Xavier), 1 or 2 persons from the RADSAGA project (MHM contacts them in April), 1 person from CIMAP laboratory (contact MHM) JUNE 2017

- Communication on the IDEAAL offer: 240 beam hours and associated travel expenses => with WP5 communication END OF 2017

- Meeting with GANIL Direction on GANIL beam schedule for IDEAAL before communication towards GANIL industrial users JULY 2017?

Task 1 deliverables, budget and human ressources

D4.1 Business plan for the industrial application activities at GANIL (M36)

Partner	Budget (Euros)	Human Ressources Person.Month
GANIL	258 k€*	4

258k€: 240 beam hours and travel-lodging expenses for 15 teams of 3 persons each (2 beam Uts for each experiment)