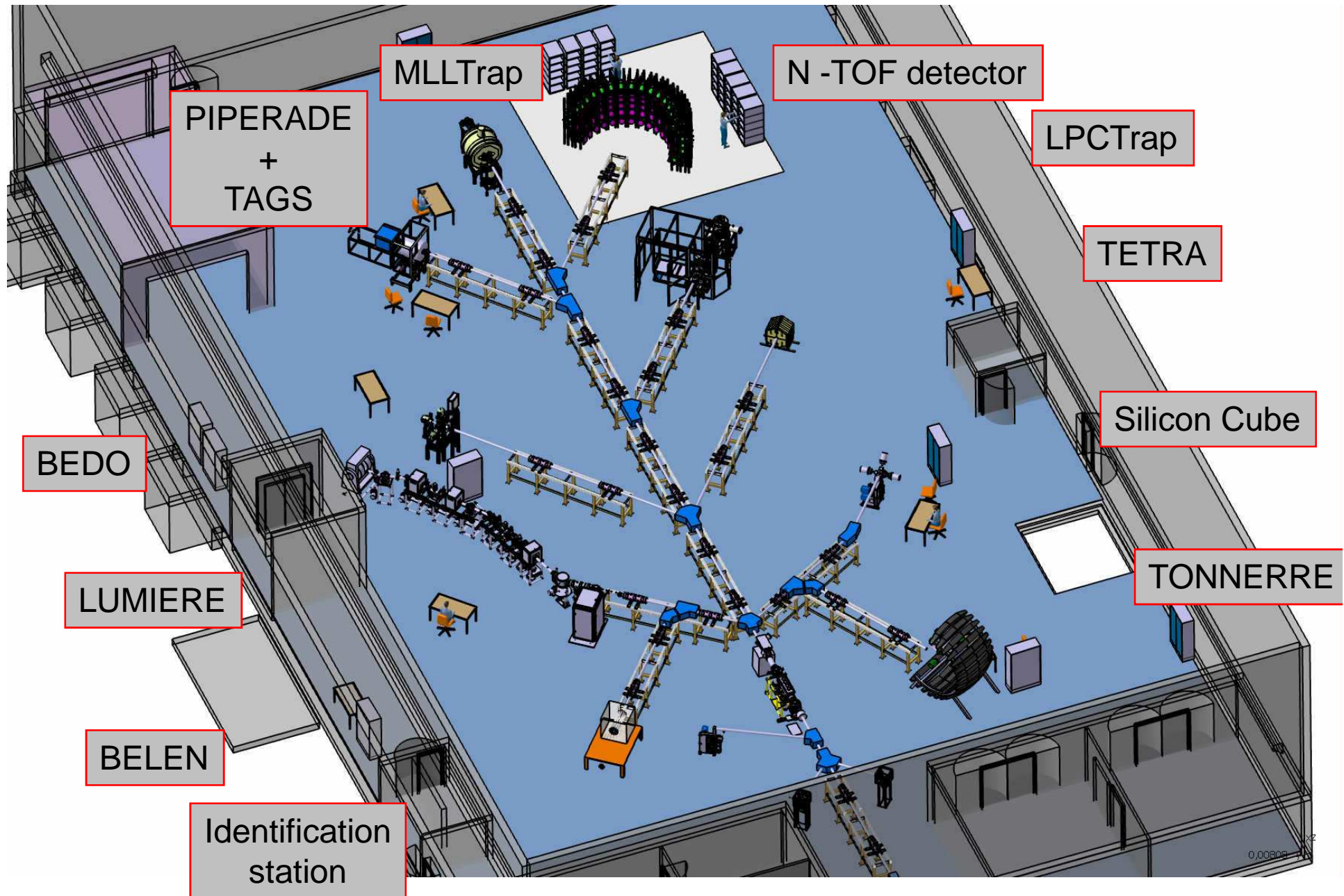


News from GANIL

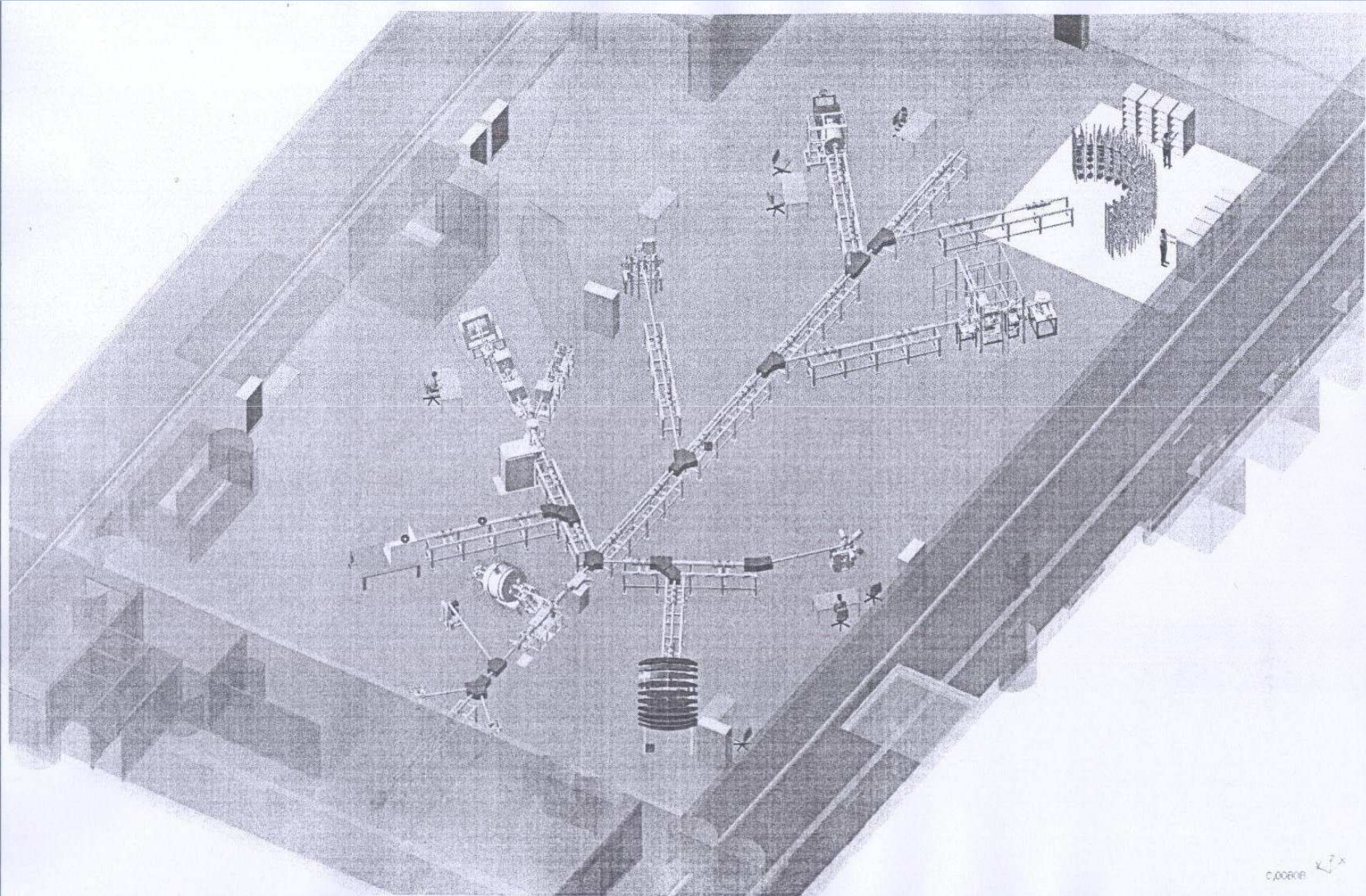
- **new directors from 01/01/2012**
 - **director: Florent Staley (from IRFU Saclay)**
 - **deputy: Marek Lewitowicz**
- **a lot of support from S. Gales in the past**
- **what will be the attitude of the new directors?**
- **to defend DESIR with respect to CEA/DSM...**
- **request of « rendez-vous » with new directors in January**
 - **before EQUIPEX results?**
 - **after EQUIPEX results?**
 - **who will go?**

DESIR hall



Proposed modifications

- **neutron detectors further away from entrance
(less neutron back ground from production sites)**
- **several beams lines behind PIPERADE: TAGS, smaller setups...**
- **two beam lines for LUMIERE:**
 - **one for collinear laser spectroscopy**
 - **one for polarized beams with possibly two end stations**
- **LUMIERE with respect to Laser room**



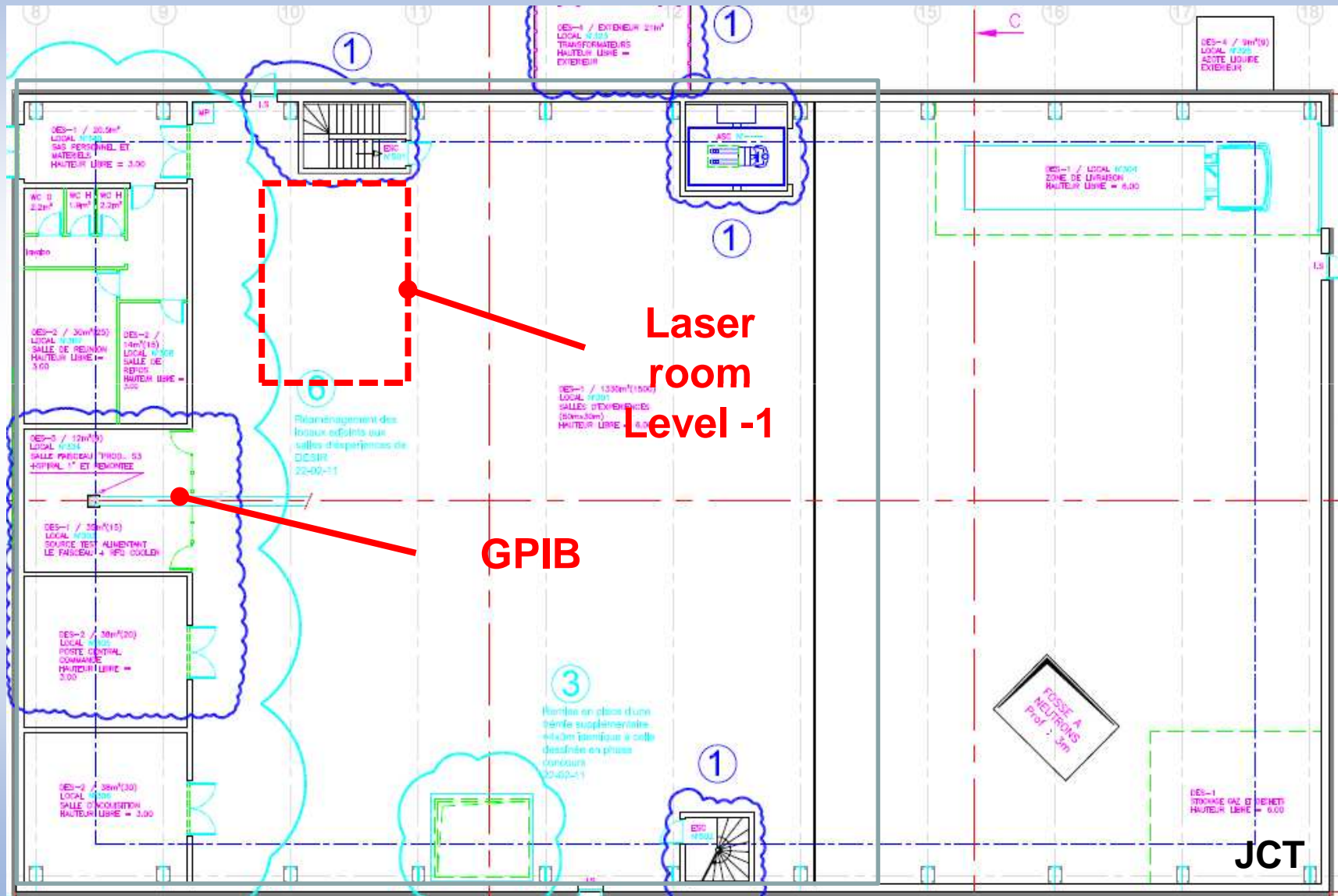
DESIR hall: Basement

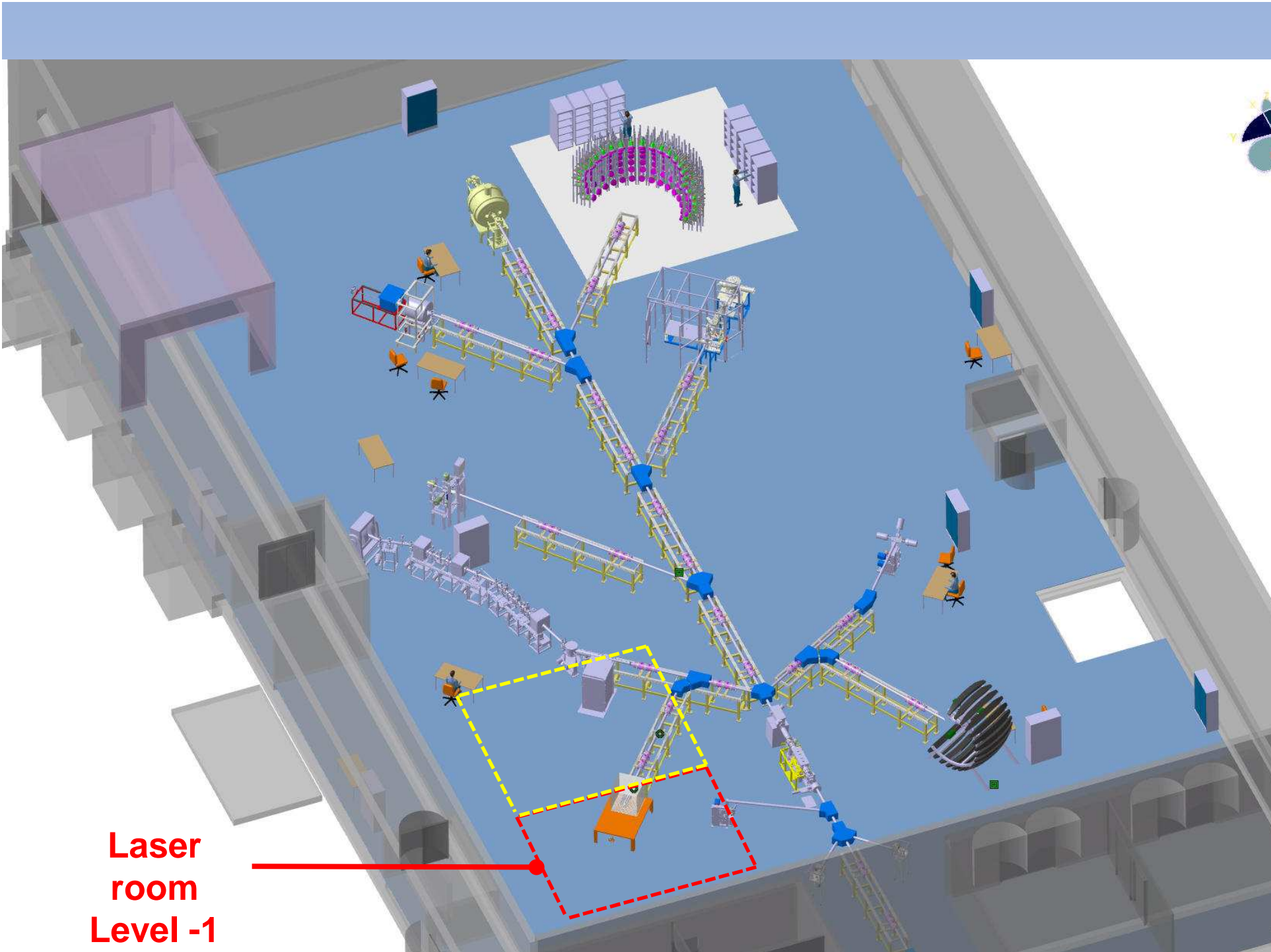
Laser room



JCT

DESIR hall: Ground floor





**Laser room
Level -1**

DESIR Collaboration Agreement

Parties:

- GANIL/SPIRAL2, CEA-DSM/CNRS-IN2P3
- CEN Bordeaux-Gradignan, CNRS-IN2P3/Université de Bordeaux 1
- LPC Caen, CNRS-IN2P3/Université de Basse-Normandie, ENSICAEN
- CSNSM Orsay, CNRS-IN2P3/Université Paris 11
- IPN Orsay, CNRS-IN2P3/Université Paris 11
- IPHC Strasbourg, CNRS-IN2P3/Université Louis Pasteur
- LMU München
- K.U. Leuven
- University of Manchester
- FLNR JINR Dubna
- CSIC Valencia
- CSIC Madrid
- CIEMAT Madrid
- UPC Barcelona

Cost for general DESIR items:

• RFQ cooler SHIRaC:	400 k€
• High-resolution separator HRS	2000 k€
• DESIR beam lines	3960 k€
• Remote control of beam lines equipments	1500 k€
• DESIR hall	7342 k€
• Radioprotection Laboratory	87 k€
• Workshops equipment	57 k€
• Stable ion sources	59 k€
• General purpose ion buncher GPIB	390 k€
• DESIR identification station	209 k€
total:	16004 k€

Cost for DESIR experiments:

• Laser spectroscopy setup LUMIERE	1000 k€
• Total absorption gamma-ray spectrometer TAGS	400 k€
• DESIR double Penning-trap PIPERADE	844 k€
• Neutron ToF detector	580 k€
• Charged particle array Silicon cube	200 k€
• Beta-decay station BEDO	250 k€
• MLL Penning trap	700 k€
• LPC Paul trap	500 k€
• Neutron detector BELEN	150 k€
• Neutron multiplicity detector TETRA	300 k€
total:	4924 k€

Party	Planned capital investment (k€)	Funds committed (k€)	Personnel in person months
EU	0	241	0
GANIL Caen	0	0	53.4
CENBG Bordeaux	0	657	200
IPHC Strasbourg	209	0	24.1
LPC Caen (LPCTrap)	200	300	10
LPC Caen (Neutron-TOF)	235	45	15
CSNSM Orsay	0	187	76
IPN Orsay (LASER)	137	177	0
IPN Orsay (BEDO)	250	0	40
LMU Munich	0	700	18
University of Manchester	150	70	12
KU Leuven	200	100	12
CSIC Valencia	0	400	10
CSIC Madrid	0	200	10
CIEMAT Madrid	0	300	10
UPC Barcelona	0	150	12
FLNR JINR Dubna	200	100	16
Total	1 381	3727	518.5

Construction schedule and Milestones

05/2014	completion of the DESIR beam line tunnels
06/2014	installation of beam lines
06/2014	completion of the DESIR hall
07/2014	installation of the general purpose equipment
03/2015	installation of parts of the BESTIOL equipment
07/2015	completion of the LPC Paul trap
09/2015	completion of the MLL trap in DESIR
12/2015	completion of phase 1 of the LUMIERE facility
12/2015	completion of beam lines

Management structure

Steering Committee:
All parties
1 vote / member
Political body

Collaboration Council:
✓ Chaired by the DESIR
collaboration spokesperson
✓ DESIR facility coordinator
✓ 1 member for each party
Scientific body

Management board:
✓ DESIR facility coordinator
✓ DESIR collaboration spokesperson
✓ 1 LUMIERE representative
✓ 1 BESTIOL representative
✓ 1 DETRAP representative
Managing body

DESIR Construction MoU

- **parties: French labs involved in EQUIPEX**
 - **GANIL**
 - **CENBG**
 - **CSNSM**
 - **IPHC**
 - **IPNO**
 - **LPC Caen**

→ MoU only for construction

→ after completion: MoU for running the DESIR facility

- **parties: all groups/labs which have equipment in DESIR**