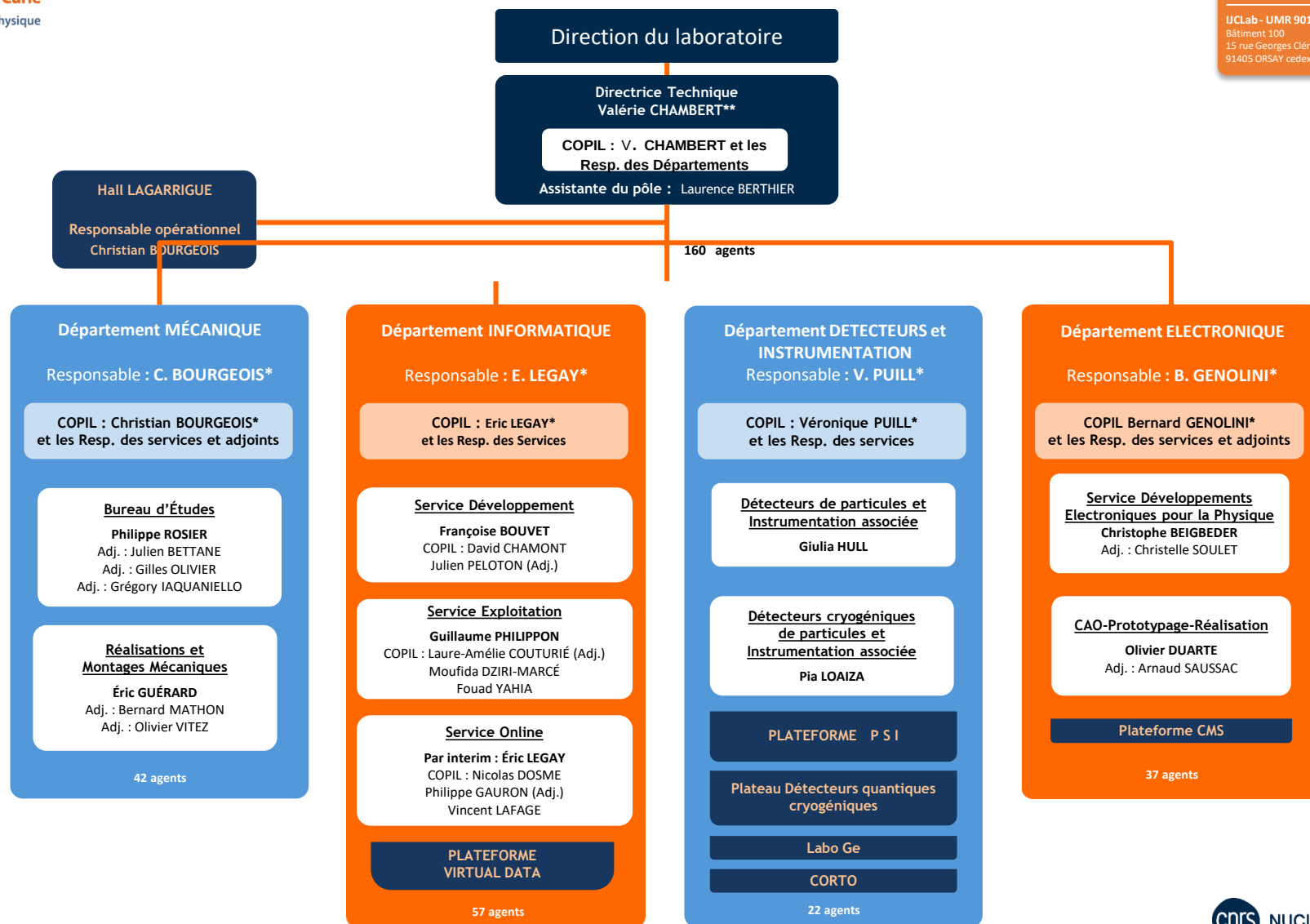


IJCLab Engineering Department

The Engineering pole of IJCLab gathers remarkable technical skills and expertise in electronics, IT/computing, instrumentation and mechanics.

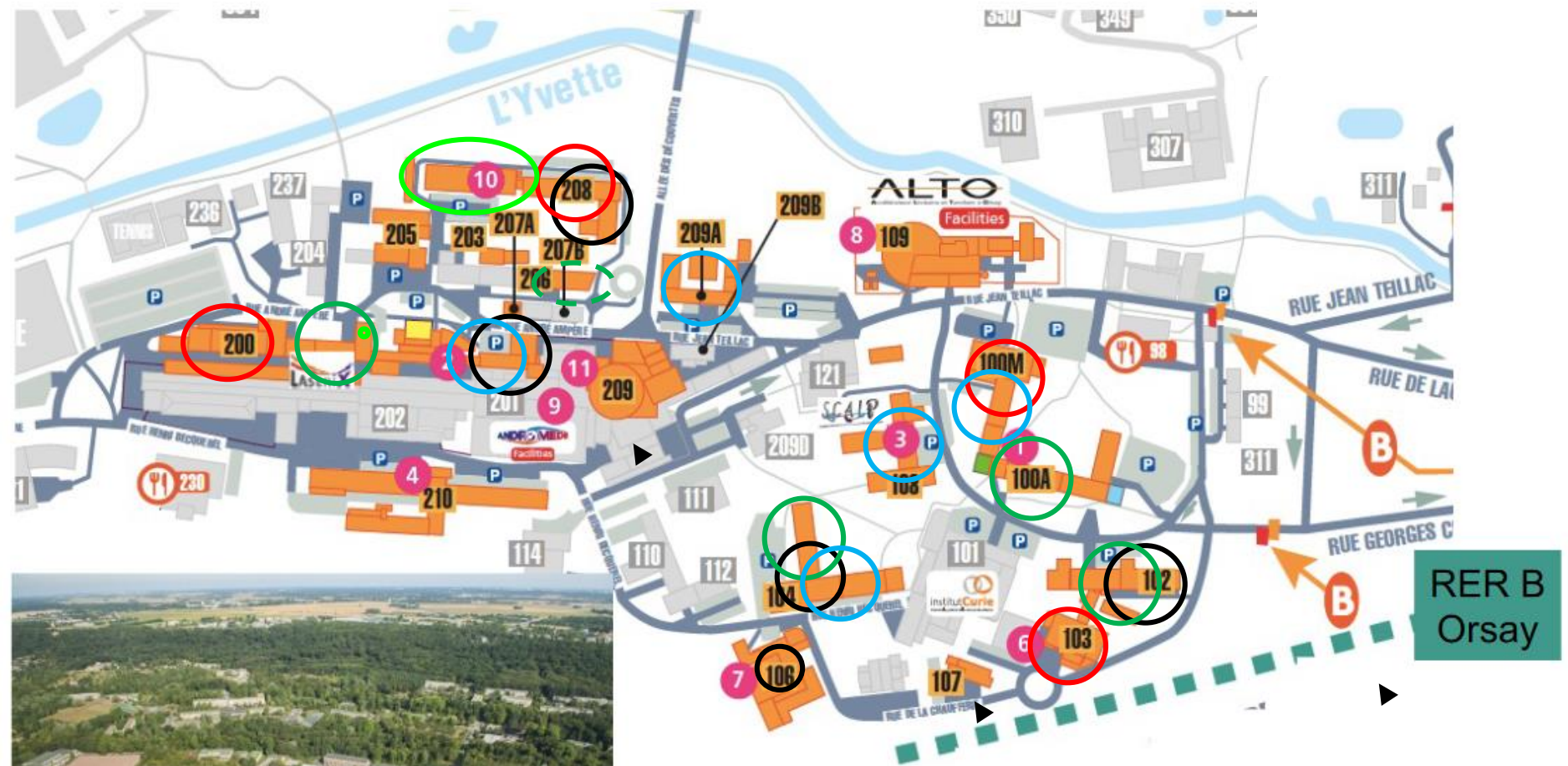
Its purpose is to design and build the instruments for the IJCLab scientific projects



* Membre du comité de pilotage du Pôle Ingénierie

** Membre du Directoire UCLab

- About 160 people
- 142 permanent positions
- 6 temporary positions
- 2 researchers temporary positions
- 7 apprentices
- 3 PhD thesis ongoing in the department + 2 PhD co-supervision
- About 90 engineers

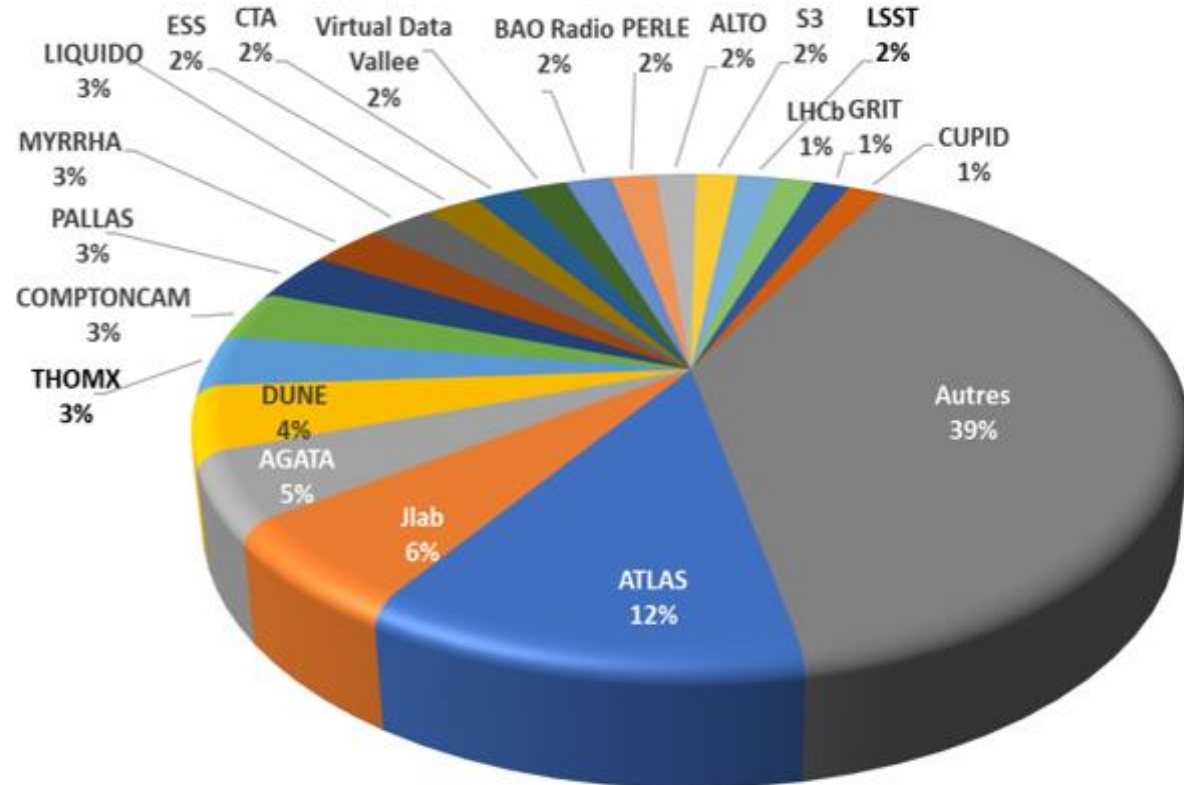


- Electroniciens
- Mécaniciens
- Direction technique
- Informaticiens
- Instrumentalistes

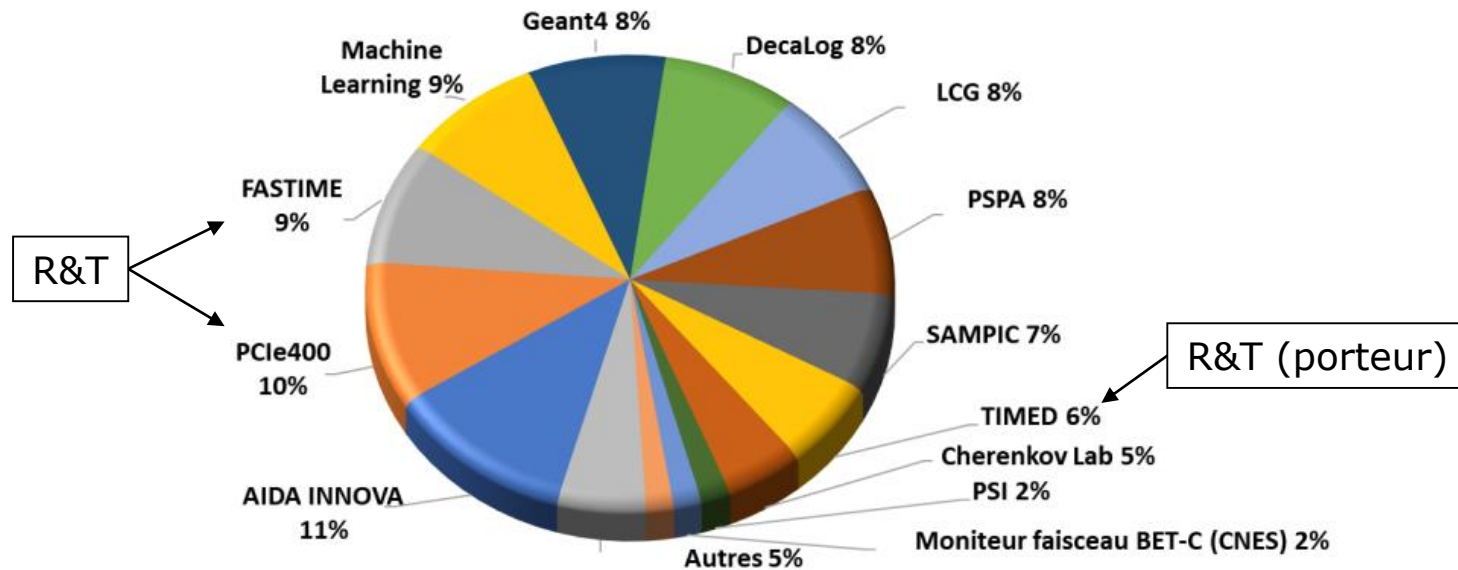
109 projects in 2022

Laboratoire de Physique
des 2 Infinis

Mécanique	29 FTE
Electronique	30 FTE
Informatique	28 FTE
Instrumentation	14 FTE
	101 FTE



Projets R&D 2022



ITA 12 FTE
Physiciens 2 FTE
CDD 3 FTE

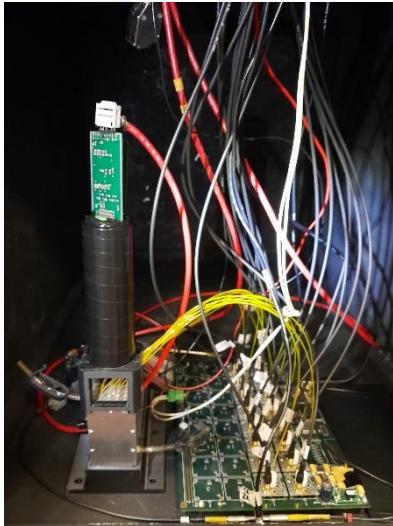
Total 17 FTE (82 % personnel permanent)

R&T CHANGE 2021 (porteur)
R&T EIC-SiPM 2021 (porteur)
R&T upgrade LHcb2 CALO 2022 (porteur)
R&T EICROC 2023 (porteur)
R&T Hi2PT Jlab 2023 (porteur)
R&T GRAINITA 2023 (porteur)

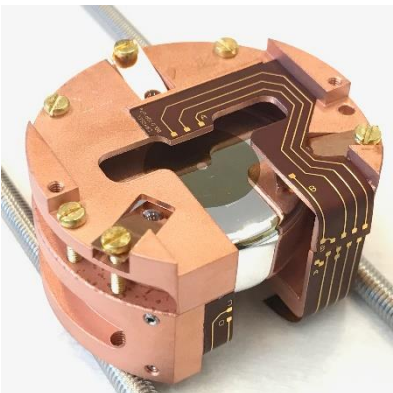
P.2

CeMaP@ijclab.in2p3.fr

- **DATA CENTER VirtualData (bât 206, COPIL):**
 - Cloud VirtualData : within mésocentre Paris Saclay
 - Key projects : Fink (broker officiel Vera Rubin observatory), Virgo PyBC, GRANDMA, teaching ...
- **HALL in2p3 LAGARRIGUE (bât 208 1800m²)**
 - Projects ATLAS, Supernemo, Xfell.....
- **Plateform PSI (70m² ISO7, bât 200)**
 - Semi-conductor detectors, production upgrades ATLAS ITK ATLAS HGTD, **R&D EIC**
- **Quantum Cryogenic Detectors Lab (bât 108) : Design and production of world-class bolometers**
- **Mecanical workshop bld 200 1200m², Detector assembly workshop Bld 100 800m², Electronics assembly and mounting workshop SMC bld 208**



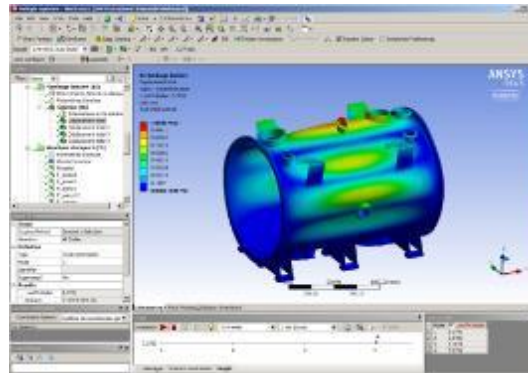
Photodetection test bench for
Grainita R&T



Cryosel detector prototype



RF Coupling ESS project



Buckling analysis on ESS cavity



Comcube Electronics



Virtual Data Platform



LHCb ECAL upgraded electronics