



Welcome to IJCLab

IJCLab

Laboratoire de physique des deux infinis Irène Joliot-Curie

*A new laboratory born in January 2020
 From the fusion of 5 historical laboratories in Orsay*



RER B
Bures

RER B
Orsay

www.ijclab.in2p3.fr

748 Collaborators
233 Researchers & Professors
344 Engineers & Technicians

150 People accredited to supervise PhD

171 PhD and Post-docs
50 European and International Research Grants
150 National and Local Research Grants

600/y Articles in international peer-reviewed journals

7 Scientific Poles

1 Engineering Pole

4 Research Platforms

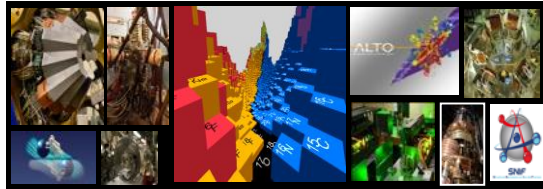
6 Technical Platforms

50 000 m² of Buildings



7 Pôles Scientifiques

PHYSIQUE NUCLÉAIRE
NUCLEAR PHYSICS ~ 70



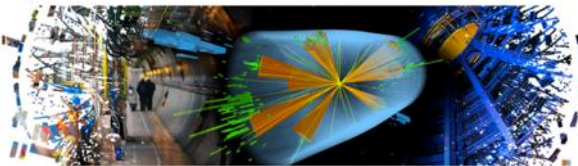
A2C Astroparticles, Astrophysics & Cosmology ~ 60



Accelerator physics ~ 90



PHE Physique des Hautes Energies
High Energy Physics ~ 100



Theory ~ 80



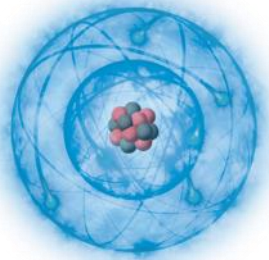
Energy and Environment ~ 40



Health Physics ~ 25

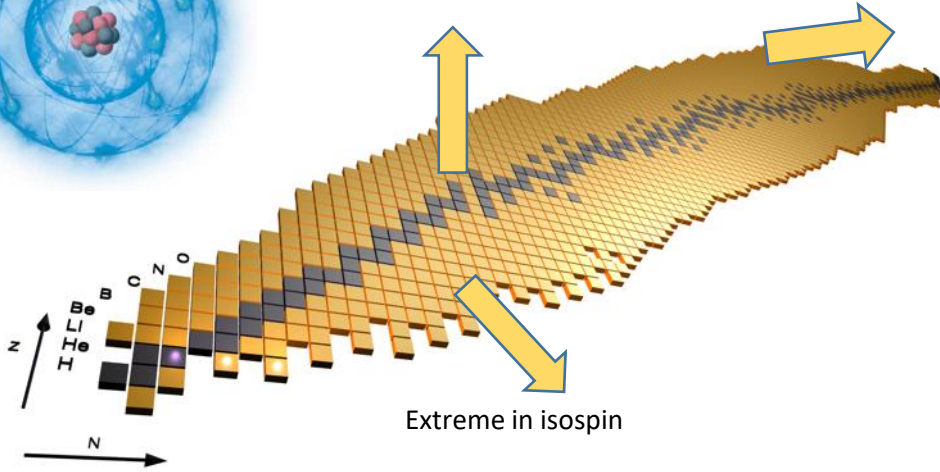


~ 110 PhD students



Extreme in spin

Extreme in mass



Extreme in isospin

Nuclear Physics

Understanding the building blocks of matter, their interactions, and how the properties of matter emerge.



Energy and environment (Nuclear energy, radiochemistry ...)

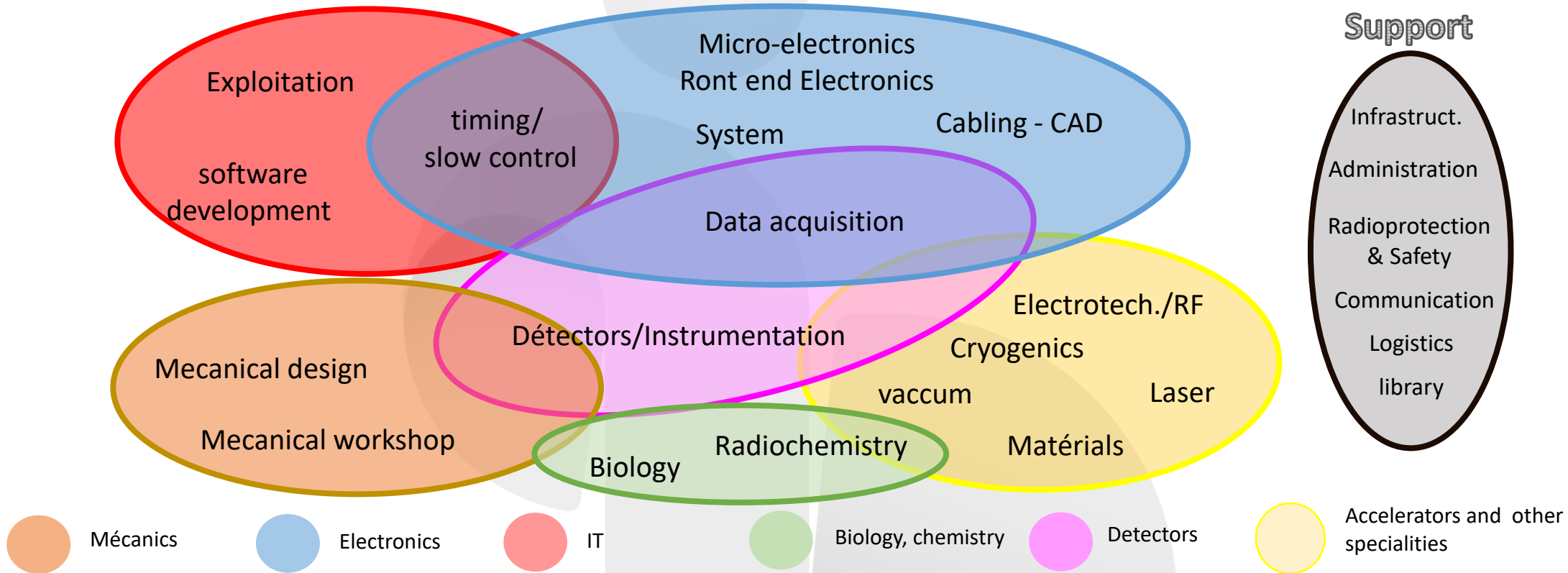
Tools and concepts applied in fields with a significant impact on society.



Technical activities

Technical staff with the essential technical expertise to design, draw and build instruments:

- Engineering Division with 4 Technical Departments
- Accelerator Centre with RF (Radio Frequency) and Cryogenics departments.)
- Expertise in the other research divisions, platforms and support services





ALTO: a TNA within the framework of the ARIEL project



Nuclear physics, health physics, Irradiation, material science, accelerator physics

- **15 MV Tandem** (from proton to aggregates)
- **Electron electron Linac** -> radioactive beams produced by photofission

5 Plateformes de Recherche





Have a nice workshop