

▶ IPN-ALTO

ORSAY



Abdelhakim SAÏD
ALTO Technical Responsible
and Technology Transfer Officer
Phone: +33 1 69 15 62 34
said@ipno.in2p3.fr

Matthieu LEBOIS
Scientific Coordinator
Phone: +33 1 69 15 74 29
lebois@ipno.in2p3.fr



MISSIONS OF THE LABORATORY

- FUNDAMENTAL THEORETICAL AND EXPERIMENTAL RESEARCH ON THE NUCLEONS AND NUCLEI THAT ARE THE BASIC BUILDING BLOCKS OF MATTER, HELD TOGETHER BY THE STRONG INTERACTION.
- SUPPORT TO INDUSTRY AND THE WORLD OF ENTERPRISE BY SPREADING AND SHARING THE TECHNOLOGICAL RESOURCES DEVELOPED THROUGH ITS EXPERTISE IN THE DOMAIN OF SCIENTIFIC RESEARCH.
- PROVIDING OF ANSWERS TO THE NEEDS OF SOCIETY.
- DUAL ROLE IN THE TEACHING AND TRAINING OF STUDENTS. RESEARCHERS FROM CNRS AND THE UNIVERSITY, AS WELL AS ENGINEERS FROM THE LABORATORY, PLAY AN IMPORTANT ROLE IN THE UNIVERSITY'S SCIENTIFIC TRAINING BY PILOTING TWO OF ITS DOCTORAL SCHOOLS.

ACTIONS

Fundamental Research:

- Nuclear structure & dynamics.
- Hadrons & hadronic matter.
- Physics and Radiochemistry of Nuclear Energy.
- Astrophysics.
- Theory.

Applied Research:

- Accelerator technology & physics.
- Instrumentation and Computing Department.

Innovation activities:

- Cavity design, Thin SRF films, Surface polishing.
- RF & instrumentation.
- Beam diagnostics.
- Thermoacoustic.
- Instrumentation and Computing.

Technology Transfer:

- Station of thermometric calibration.
- Accelerators and Health.

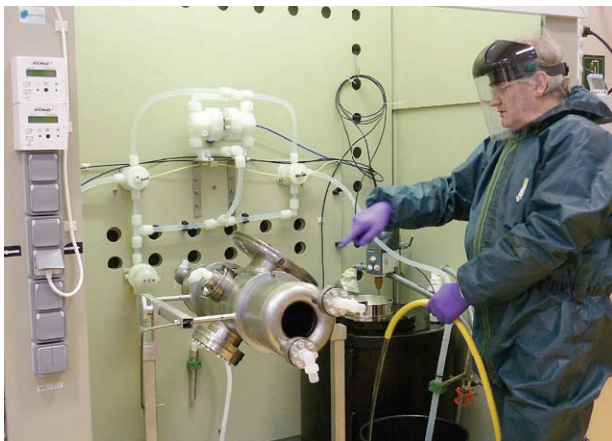
Services:

- Professors, assistant professors, engineers and researchers are involved in e-learning (<http://ipnwww.in2p3.fr/Cours,73>).
- Prevention service and radiation.
- Health and safety.
- Environmental protection.
- Quality management.

KEY DATA (2016)

- Staff: **350**
- Users: **250/year**
- Available Beams: <http://ipnwww.in2p3.fr/lons-disponibles>, <http://ipnwww.in2p3.fr/lons-disponibles,687>
- Scientific Production: **258 publications/year**

Superconducting cavity test



Mounting of
a SPIRAL2
cryomodule in
the clean room



IPN Orsay
5 rue Georges Clemenceau
91406 ORSAY - FRANCE