

LIP Internship Program 2026

welcome to LIP and instructions

Sofia Andringa, Helena Santos
and the many people involved



LABORATÓRIO DE INSTRUMENTAÇÃO
E FÍSICA EXPERIMENTAL DE PARTÍCULAS

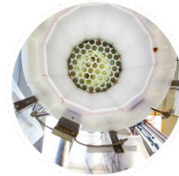
WHAT

LIP IS

The reference institution for experimental particle physics in Portugal and the Portuguese reference partner of CERN as well as other international scientific infrastructures



Experimental particle and astroparticle physics



Development of new instruments and methods



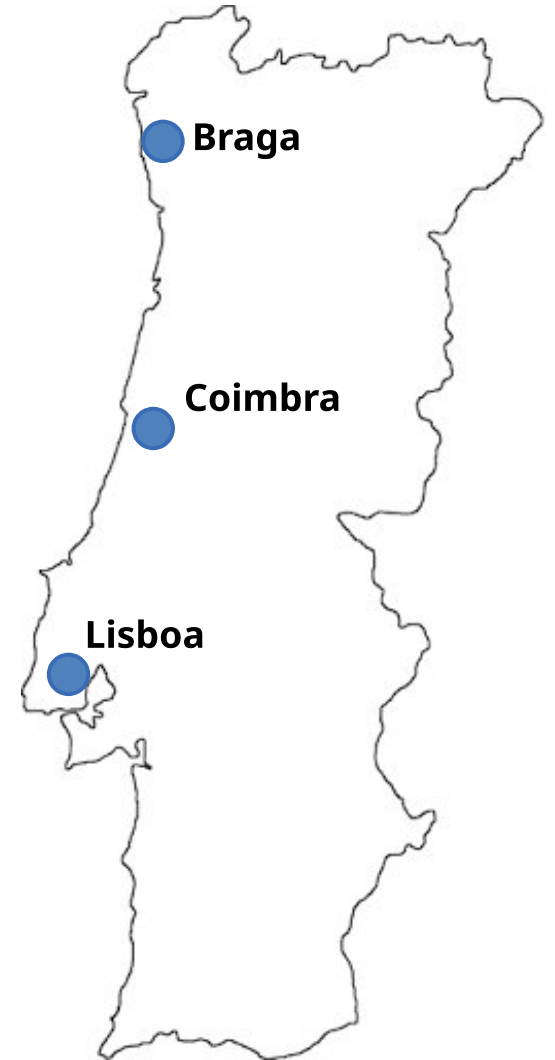
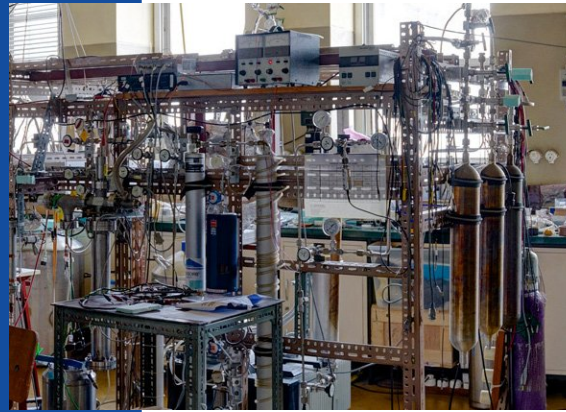
Scientific computing



Knowledge transfer, education and outreach

WHERE
LIP IS

A nation-wide laboratory
working in close
collaboration with the
local universities



LIP Internship Program

Minho

Coimbra

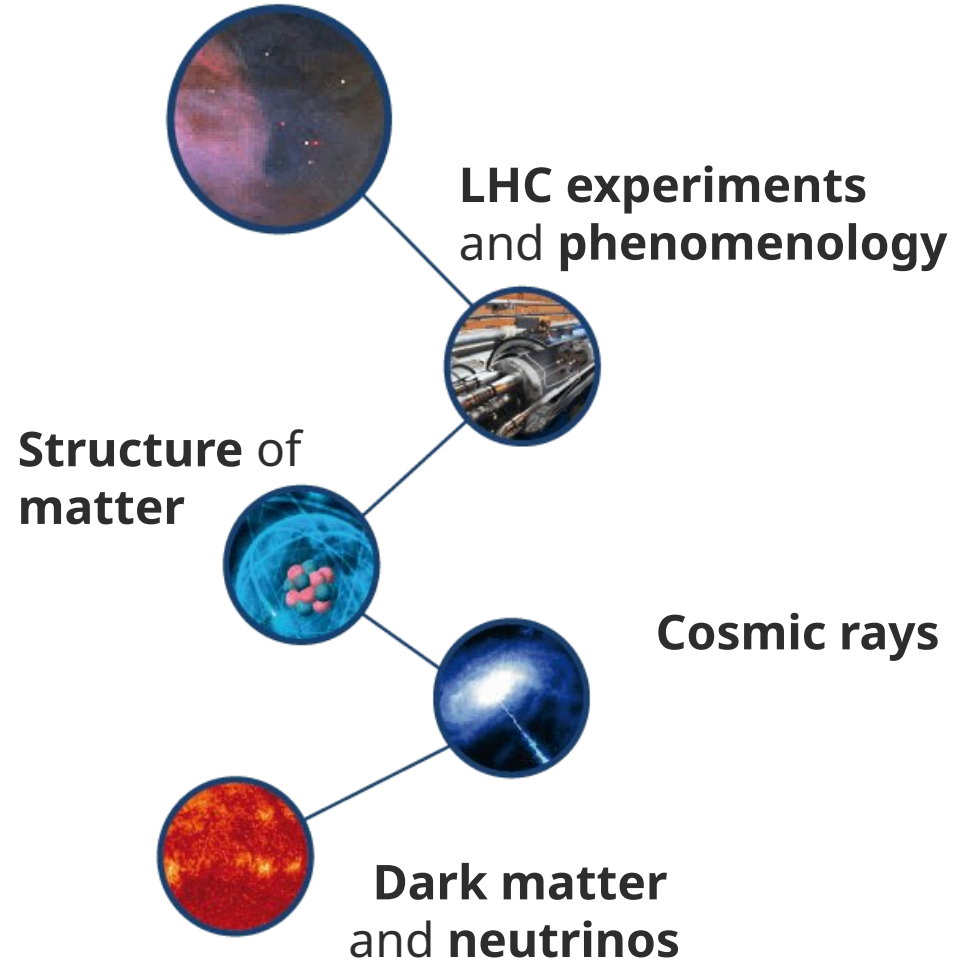


Lisboa

Research Areas

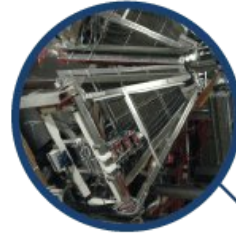
- **Experimental particle and astroparticle physics**
- **Development of new instruments and methods**
- **Scientific computing**

Experimental particle and astroparticle physics



Research Areas

- Experimental particle and astroparticle physics
- **Development of new instruments and methods**
- Scientific computing



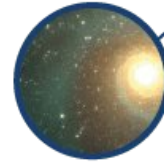
Development of new instruments and methods



Detectors for Particle and nuclear physics



Health applications



Radiation environment studies and applications for space

the full program

introductory lectures and tutorials

learn about the research at LIP
for your summer project and beyond

develop your research project

in close contact with supervisor(s)
and your other colleagues

present your results and learn about others

in a common final workshop in September
and in a paper for future reference ([check the papers from previous years](#))



indico - link

slack - link

the center & surroundings

your summer research project
this is the main focus for all of us

your supervisor, colleagues, group
the supervisor is your main contact:
has everyone already met?

the LIP community
colleagues are spread around in location
but we stay connected to the rest of LIP



Estagios @ lip.pt

Helpdesk @ lip.pt

Secretariado @ lip.pt

the common agenda

introductory lectures this week
on the several research lines of LIP

meeting point for all subjects
please ask all the questions you want

hands-on tutorials in the afternoons
learn useful tools for your projects & beyond

Today

Detectors
&
Introduction to
Particle Physics

*meeting supervisors
and a tour of LIP*

C++/root

your questions

Coffee-break times and where to have lunch?

Working times and spaces?

Summer holidays...

Languages...

What else?

