



Portugal



# Job offer

JOB

PORTUGAL

[LIP - Laboratório de Instrumentação e Física Experimental de Partículas](#)

Posted on: 27 February 2025

## RESEARCH FELLOWSHIP (BI-Bachelor)

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27 Feb 2025

## Job Information

Organisation/Company	LIP - Laboratório de Instrumentação e Física Experimental de Partículas
Department	Coimbra
Research Field	Physics » Applied physics
Researcher Profile	First Stage Researcher (R1)
Positions	Bachelor Positions
Country	Portugal
Application Deadline	14 Mar 2025 - 17:00 (Europe/Lisbon)
Type of Contract	Other
Type of Contract Extra Information	STUDENT FELLOWSHIP (Bachelor)

<b>Job Status</b>	Not Applicable
<b>Hours Per Week</b>	35
<b>Offer Starting Date</b>	1 Apr 2025
<b>Is the job funded through the EU Research Framework Programme?</b>	Not funded by a EU programme
<b>Reference Number</b>	2024.06584.CERN
<b>Is the Job related to staff position within a Research Infrastructure?</b>	No

## Offer Description

LIP opens a call for selection of fellows for **one Research Fellowship (BI-Bachelor)** for participation in the project “ATLAS Experiment Upgrade”, reference 2024.06584.CERN, supported by the measure RE-C06-i06.m02 – “Support the funding of International Partnerships in Science, Technology and Innovation” of the Recovery and Resilience Plan - PRR, within the scope of the agreement between the Recover Portugal Mission Structure and the Foundation for Science and Technology (FCT, I.P.), as intermediary beneficiary.

### Work plan:

The successful candidate will contribute to the development of a for the high time resolution tracking detector (High Granularity Timing Detector HGTD). The HGTD, which will have a time resolution of 50 ns per track, is currently being developed for the upgrade of the ATLAS experiment of the LHC collider at CERN, in Switzerland. The goal of this work will be the development and commissioning of the instruments supporting the quality control of two components produced in Portugal: the High Voltage filters and the Transfer Module of the Interlock system.

Scientific supervision: Ricardo Gonalo

### Legislation:

A fellowship contract will be established according to the Status of Scientific Research Fellow (Law n° 40/2004 de 18 de Agosto, and its successive amendments) and to the “Regulations for Research Grants of the Foundation for Science and Technology” (<https://files.dre.pt/2s/2019/12/24100000/0009100105.pdf> ).

### Duration:

The fellowship has a duration of **6 months**, eventually renewable until the end of the project, with a foreseen starting date on **April 1st, 2025**. The fellowship may eventually be renewed, until the maximum foreseen in the project and according to the terms of the FCT regulations.

The working plan will be carried out at LIP-Coimbra, under the supervision of Prof. Ricardo Gonalo

### Application:

Applicants should submit: a motivation letter and a curriculum vitae (both in English), Bachelor certificate and including the list of classifications obtained in the different curricular units, and other relevant documents, as a PDF file, by email to [bolsas@coimbra.lip.pt](mailto:bolsas@coimbra.lip.pt).

## Where to apply

**E-mail** bolsas@coimbra.lip.pt

## Requirements

**Research Field** Physics » Applied physics

**Education Level** Bachelor Degree or equivalent

### Skills/Qualifications

#### Requirements:

The candidate must have a bachelor degree in Physics or Physics Engineering and must be enrolled in a course granting a higher academic degree (master) or in a non-academic degree course as mentioned in “Regulations for Research Grants of the Foundation for Science and Technology”.

The candidate should provide a clear demonstration of the ability to carry out a research program.

#### Preference criteria:

Fluent in English. Good knowledge of data analysis. Experience in analog circuit analysis and analog signal processing.

### Specific Requirements

Demonstrable knowledge and commitment to the área of instrumentation and electronics or statistical data analysis which allow the development of the current project. Programming in Python.

**Languages** ENGLISH

**Level** Good

## Additional Information

### Benefits

The monthly amount of **1.040,98€**, is in accordance with the values stipulated in the “FCT Regulation for Research Studentships and Fellowships”:

[https://www.fct.pt/wp-content/uploads/2025/02/Tabela\\_valores\\_SMM\\_2025.pdf](https://www.fct.pt/wp-content/uploads/2025/02/Tabela_valores_SMM_2025.pdf)

This amount will be paid on a monthly basis through a bank transfer to the grant holder's bank account.

### **Eligibility criteria**

Applicants should fulfil the requirements to join a course granting a higher academic degree (Master) or in a non-academic degree course, as stipulated in the "Regulations for Research Grants of the Foundation for Science and Technology" (Article 6).

When contracting, it will also be necessary the candidate present a proof of enrollment in the course granting or not, a higher academic degree.

In the event of the degree was awarded by a foreign higher education institution, the degree must comply with the provisions of the Decree-Law n.º. 66/2018, of 16 august (<https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition?plid=1536> ). The selected candidate must provide the recognition of the degree when signing the contract.

### **Selection process**

#### **Evaluation:**

The members of the jury will take into consideration the CV (50%) and its relevance to project needs (50%).

If none of the candidates fulfills the appropriate profile, the scholarship will not be awarded.

#### **Members of the Jury:**

#### **Effective**

- Ricardo Gonalo (president)
- Patricia Conde
- Rute Pedro

#### **Alternates**

- Agostinho Gomes

#### **Advertising / notification of results:**

The results of the evaluation will be communicated by email; in case of disagreement, the candidates have a period of 10 working days to contest the decision, as provided for in the Code of Administrative Procedure in a preliminary hearing. At the end of this period, the arguments presented will be analysed by the jury committee, who will simultaneously communicate the final decision to all the candidates who submitted allegations. The final results of the shortlisted applicants will be communicated by e-mail. In case of disagreement, the candidates have a period of 15 working days to contest the decision.

#### **Additional comments**

LIP actively promotes a non-discrimination and equal access policy, wherefore no candidate can be privileged, benefited, impaired or deprived of any rights whatsoever, or be exempt of any duties based on their ancestry, age, sex, sexual preference, marital status, family and economic conditions, instruction, origin or social conditions, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic origin or race, origin territory, language, religion, political or ideological convictions and union membership.

**Website for additional job details**

<https://www.lip.pt/?section=about&page=recruitment>

## Work Location(s)

Number of offers available	1
Company/Institute	LIP - Coimbra
Country	Portugal
State/Province	Coimbra
City	Coimbra
Postal Code	3004-516
Street	Departamento de Física da Universidade de Coimbra, Rua Larga, 3004-516, Coimbra

## Contact






City	Coimbra
Website	<a href="http://www.lip.pt">http://www.lip.pt</a>
Street	Departamento de Física da Universidade de Coimbra, Rua Larga
Postal Code	3004-516
E-Mail	seclip@coimbra.lip.pt
Phone	+351 239 833 465

Apply now [🔗 \(mailto:bolsas@coimbra.lip.pt?subject=RESEARCH\\_FELLOWSHIP\\_\(BI-Bachelor\)\)](mailto:bolsas@coimbra.lip.pt?subject=RESEARCH_FELLOWSHIP_(BI-Bachelor))

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