

EURAXESS

Job offer

JOB

PORTUGAL

[LIP - Laboratório de Instrumentação e Física Experimental de Partículas](#) | Posted on: 14 November 2024**Research Initiation Student Fellowship (BII)**Apply now [✉ \(mailto:bolsas@coimbra.lip.pt?subject=Research Initiation Student Fellowship \(BII\)\)](mailto:bolsas@coimbra.lip.pt?subject=Research%20Initiation%20Student%20Fellowship%20(BII))[Add to Favorites](#)[Share](#)[View \(/jobs/291067\)](/jobs/291067)[Edit \(/node/291067/edit\)](/node/291067/edit)[Delete \(/node/291067/delete\)](/node/291067/delete)

14 Nov 2024

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	Undergraduate Positions
Country	Portugal
Application Deadline	29 Nov 2024 - 17:00 (Europe/Lisbon)
Type of Contract	Other
Type of Contract Extra Information	Research Initiation Student Fellowship (BII)
Job Status	Full-time
Hours Per Week	35
Offer Starting Date	1 Jan 2025
Is the job funded through the EU Research Framework Programme?	Not funded by a EU programme
Reference Number	2024.00269.CERN

Is the Job related to staff position within a Research Infrastructure? No

Offer Description

LIP opens a call for selection of fellows for one Research Initiation Student Fellowship (BII) for participation in the project "DRD1PT (Participação na Colaboração DRD1 no CERN)", reference 2024.00269.CERN, funded by the program "Call for IC&DT Projects: Co-operation between Portugal and CERN" (RE-C06-i06-"Ciência Mais Capacitação" do PRR).

Work plan:

The work plan will be carried out within the scope of task number 1 "tRPC: Development of an optimised PS-tRPC readout" of the aforementioned project.. This task is focused on the implementation of an optimized readout that makes use of a single RPC module able to simultaneously provide sub-millimeter position precision and a time precision better than 100 ps. The candidate will be responsible for the evaluation of the characteristics of the assembled detector equipped with the new readout, especially those most affected by it (spatial and temporal resolution).

Legislation:

The fellowship contract will be established according to the Status of Scientific Research Fellow (Law nº 40/2004, August 18th, and its successive amendments) and to the "Regulations for Research Grants of LIP and FCT (<https://files.dre.pt/2s/2019/12/241000000/0009100105.pdf>)

Duration:

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

The working plan will be carried out at LIP-Coimbra, under the supervision of Alberto Blanco.

Application:

Applicants should submit:

- Detailed curriculum vitae (in English);
- Motivation letter (in English);
- Copy of the Certificate of enrollment
- Other relevant documents for the evaluation;

to bolsas@coimbra.lip.pt, referring the job offer ID in the email subject.

Where to apply

E-mail bolsas@coimbra.lip.pt

Requirements

Research Field Physics » Applied physics

Education Level Undergraduate

Skills/Qualifications

Requirements:

Enrolled in a Degree in Physics or Physics Engineering

Specific Requirements

Preference criteria:

Matlab programming experience

Experience with RPC detectors and associated instrumentation

Internships or research experience in the area would be an asset.

Languages	ENGLISH
Level	Good
Research Field	Physics » Applied physics

Additional Information

Benefits

The monthly amount of **601,12€**, is in accordance with the values stipulated in the LIP and FCT "Regulation for Research Studentships and Fellowships-Anexo I"

https://www.fct.pt/wp-content/uploads/2024/02/Tabela-de-Valores-SMM_atualizacao-2024.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 or in a non-academic degree course, as stipulated in the "Regulations for Research Grants of LIP" (Article 5).

When contracting, it will also be necessary the candidate present a proof of enrolment 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=1...>). 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 the required field adequation (50%). If none of the candidates fulfills the appropriate profile, the scholarships will not be awarded.

Members of the Jury:

Effective

- Alberto Castro
- Luis Margato
- Filipa Borges

Alternates

- Andrey Morozov
- João Saraiva

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 analyzed 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

Non-discrimination and equal access policy:

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
City	Coimbra
Postal Code	3004-516
Street	Departamento de Física da Universidade de Coimbra, Rua Larga, 3004-516, Coimbra

Contact

City	Coimbra
Website	http://www.lip.pt
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_Initiation_Student_Fellowship_\(BII\)\)](mailto:bolsas@coimbra.lip.pt?subject=Research_Initiation_Student_Fellowship_(BII))

[Add to Favorites](#)

Share this page

- [X \(formerly Twitter\)](#)
- [Facebook](#)
- [LinkedIn](#)
- [Whatsapp](#)
- [More share options](#)