

EURAXESS

Research Student Fellowship (BI – Bachelor)

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4 Oct 2023

Job Information

Organisation/Company	LIP - Laboratório de Instrumentação e Física Experimental de Partículas
Department	LISBON
Research Field	Physics
Researcher Profile	First Stage Researcher (R1)
Country	Portugal
Application Deadline	20 Oct 2023 - 17:00 (Europe/Lisbon)
Type of Contract	Temporary
Job Status	Full-time
Hours Per Week	35
Offer Starting Date	1 Nov 2023
Is the job funded through the EU Research Framework Programme?	Not funded by an EU programme
Reference Number	CERN/FIS-INS/0028/2021

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 Student Fellowship (BI – Bachelor)** for participation in the project “Participation in the SND@LHC experiment at CERN”, reference **CERN/FIS-INS/0028/2021**, funded by FCT/MCTES through national funds (State Budget – OE).

Work plan:

The work plan will be carried out in the framework of the activities of the LIP group in the SND@LHC experiment, the most recent experiment at CERN’s LHC. The group is chiefly involved in the muon detection system, having taken part in its construction. The group is also chiefly involved in the analysis of the data collected by the experiment, having played a leading role in the analysis that amounts to the observation of collider neutrinos, at the LHC.

The successful candidate will take part in detector commissioning and analysis of LHC Run3 data.

Legislation:

A fellowship contract will be established according to the “Regulations for Research Grants of the Foundation for Science and Technology” (<https://dre.pt/application/conteudo/127238533>) and to the Status of Scientific Research Fellow (Law n° 40/2004, August 18th, and its successive amendments).

Duration:

The fellowship has a duration of 4 months with a foreseen starting date by November 2023, eventually renewable.

Application:

Applicants should submit: a motivation letter, curriculum vitae, two reference letters, Bachelor certificate and a list and grades of university courses and other relevant documents, as a PDF file, by email to ofelia@lip.pt and natalia@lip.pt

Requirements

Research Field Physics
Education Level Bachelor Degree or equivalent

Skills/Qualifications

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

Specific Requirements

Familiarity with C++, python, root, machine learning is welcome. Some initial experience with the snd-software framework would be welcome but not required.

Languages ENGLISH

Level Excellent

Research Field Physics

Years of Research Experience 1 - 4

Additional Information

Benefits

The monthly amount of 930,98€ is in accordance with the values stipulated in the “FCT Regulation for Research Studentships and Fellowships”:

https://www.fct.pt/wp-content/uploads/2023/02/Tabela-de-Valores-SMM_2023.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=1...>). The selected candidate must provide the recognition of the degree when signing the contract.

Selection process

The members of the jury will take into consideration the CV (50%) and the research experience in the required field (50%). If none of the candidates fulfills the appropriate profile, the scholarship will not be awarded.

Members of the Jury:

- Dr. Alberto Blanco (LIP)
- Profª. Paula Bordalo (LIP)
- Dr. Cristovão Vilela (LIP)
- Dr. Nuno Leonardo (LIP and IST)

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 email. 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 - Laboratório de Instrumentação e Física Experimental de Partículas

Country

Portugal

State/Province

Lisbon

Postal Code 1649-003
Street Av. Prof. Gama Pinto, nº 2
Geofield



Where to apply

E-mail ofelia@lip.pt

Contact

City LISBON
Website <http://www.lip.pt>
Street Av. Prof. Gama Pinto, nº 2
Postal Code 1649-003
E-Mail natalia@lip.pt