

28/09/2022

Research Student Fellowship (BI – Bachelor)

Where to apply

Application Deadline: 11/10/2022 17:00 - Europe/London

Contact Details

Where to send your application.

COMPANY

LIP - Laboratório de Instrumentação e Física Experimental de Partículas

E-MAIL

ofelia@lip.pt

Hiring/Funding Organisation/Institute

ORGANISATION/COMPANY

LIP - Laboratório de Instrumentação e Física Experimental de Portugal
Partículas

DEPARTMENT

LISBON

ORGANISATION TYPE

Research Laboratory

WEBSITE

<http://www.lip.pt>

E-MAIL

natalia@lip.pt

ofelia@lip.pt

COUNTRY

CITY

LISBON

POSTAL CODE

1649-003

STREET

Av. Prof. Gama Pinto, nº 2

ORGANISATION/COMPANY

LIP - Laboratório de Instrumentação e Física Experimental de Partículas

RESEARCH FIELD

Physics

RESEARCHER PROFILE

First Stage Researcher (R1)

LOCATION

Portugal › LISBON

TYPE OF CONTRACT

Temporary

JOB STATUS

Full-time

APPLICATION DEADLINE

11/10/2022 17:00 - Europe/London

HOURS PER WEEK

35

OFFER STARTING DATE

15/10/2022

REFERENCE NUMBER

EXPL/FIS-OUT/1185/2021 - BI (Bachelor)

OFFER DESCRIPTION

LIP opens a call for selection of fellows for one Research Student Fellowship (BI – Bachelor) for participation in the exploratory project “Muography as a new tool for geophysics”, reference EXPL/FIS-OUT/1185/2021, funded by FCT/MCTES through national funds (State Budget – OE).

Work plan:

The data acquired with the muon telescope installed by LIP in the Lousal mine will be analysed, together with simulations of the transport of muons from the atmosphere to the detector. The simulation will be used to guide the interpretation of the real data, to produce maps of muon transmission and crossed matter depth. The grant is included in Task 2 of the project.

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 nº 40/2004 de 18 de Agosto, and its successive amendments).

Duration:

The fellowship has a duration of 6 months, eventually renewable, with a foreseen starting date on 15th October, 2022.

Application:

Applicants should submit a curriculum vitae, diploma and a list and grades of university courses and other relevant documents, for the evaluation to ofelia@lip.pt e natalia@lip.pt

More Information

ADDITIONAL INFORMATION

Benefits

The monthly amount of 875,98€ is in accordance with the values stipulated in the “FCT Regulation for Research Studentships and Fellowships”:

https://www.fct.pt/apoios/bolsas/docs/Tabela_de_Valores_SMM_2022.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).

At the starting date of the grant, the candidate should 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 nº. 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 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:

Dra. Sofia Andringa, Dr. Alberto Blanco, Dr. Raul Sarmento

Additional comments

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.

Equality and non-discrimination Policy

We are committed to promoting equality and preventing discrimination, and welcome applications of all qualified candidates irrespective of their age, disability, gender, marital status, pregnancy, maternity, gender identity, race, colour, nationality, ethnicity or national origin, sexual orientation, religion or belief, social background or culture or trade union membership.

Web site for additional job details

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

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

REQUIREMENTS

Required Research Experiences

RESEARCH FIELD

Physics

YEARS OF RESEARCH EXPERIENCE

1 - 4

Offer Requirements

REQUIRED EDUCATION LEVEL

Physics: Bachelor Degree or equivalent

REQUIRED LANGUAGES

ENGLISH: Excellent

Skills/Qualifications

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

Graduation in Particle Physics

Specific Requirements

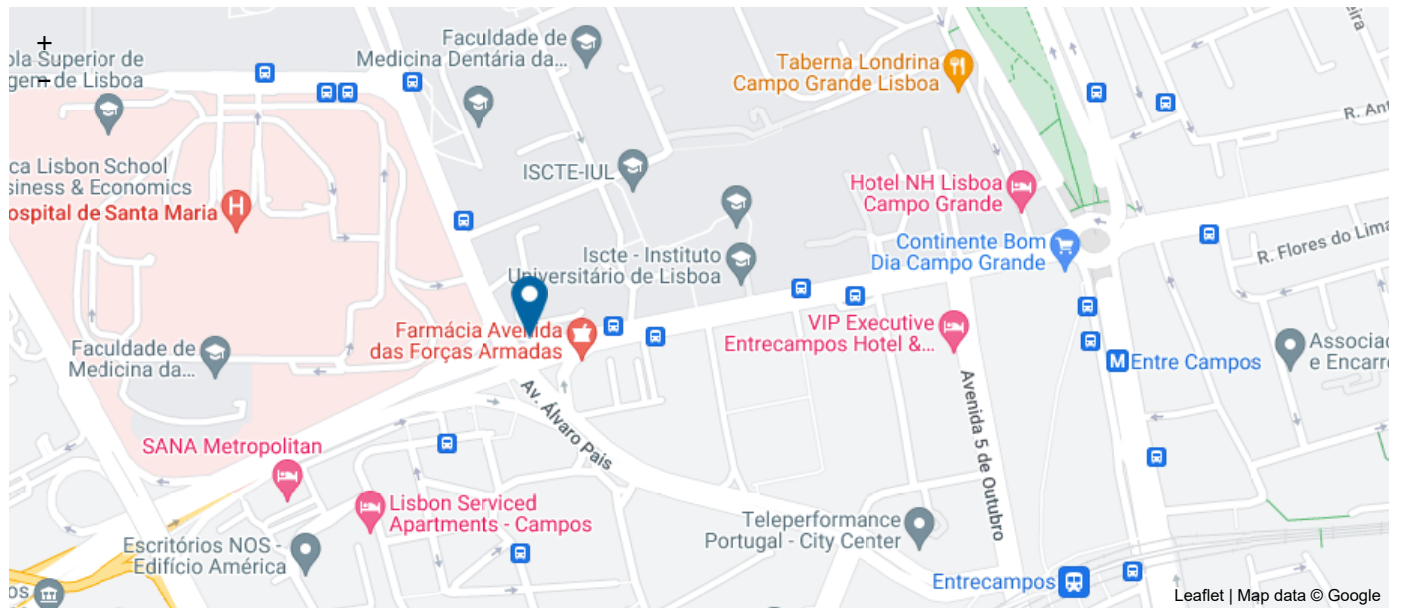
Requirements:

The candidate should have a solid background in particle physics and astrophysics.

Preference criteria:

Experience in Linux, C++ and data analysis with ROOT; Knowledge on muography will be favoured.

Map Information



WORK LOCATION(S)

1 position(s) available at
LIP - Laboratório de Instrumentação e
Física Experimental de Partículas
Portugal
LISBON
1649-003
Av. Prof. Gama Pinto, nº 2

EURAXESS offer ID: 841718

Disclaimer:

The responsibility for the jobs published on this website, including the job description, lies entirely with the publishing institutions. The application is handled uniquely by the employer, who is also fully responsible for the recruitment and selection processes.

Please contact support@euraxess.org if you wish to download all jobs in XML.