

EURAXESS

Job offer

JOB

PORTUGAL

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

Posted on: 9 January 2025

Research Fellowship (BI – Master) - SPAC group

Apply now [🔗 \(mailto:natalia@lip.pt?subject=Research Fellowship \(BI – Master\) - SPAC group\)](mailto:natalia@lip.pt?subject=Research%20Fellowship%20(BI%20-%20Master)%20-%20SPAC%20group)

[Add to Favorites](#)

[Share](#)

[View \(/jobs/307454\)](/jobs/307454)

[Edit \(/node/307454/edit\)](/node/307454/edit)

[Delete \(/node/307454/delete\)](/node/307454/delete)

9 Jan 2025

Job Information

Organisation/Company

LIP - Laboratório de Instrumentação e Física Experimental de Partículas

Department

LISBON

Research Field

Computer science » Other
Medical sciences » Health sciences

Researcher Profile

First Stage Researcher (R1)

Positions

Master Positions

Country	Portugal
Application Deadline	24 Jan 2025 - 17:00 (Europe/Lisbon)
Type of Contract	Other
Type of Contract Extra Information	Research Grant
Job Status	Full-time
Hours Per Week	35
Offer Starting Date	1 Feb 2025
Is the job funded through the EU Research Framework Programme?	Not funded by a EU programme
Reference Number	2024.07331.IACDC
Is the Job related to staff position within a Research Infrastructure?	No

Offer Description

The Laboratory of instrumentation and Experimental Particle Physics (LIP) is opening a selection tender for one Research Student Fellowship (BI – Master) for research activities in the scientific subject of Computational Sciences, Data Science, and Artificial Intelligence applied to health, in the framework of the project “HealthDisrupt: A public health tool to monitor the impact of disruptive events in nationwide health diagnoses” (2024.07331.IACDC), financed by the PRR, within the scope of the investment “RE-C05-i08 - More Digital Science”, measure “RE-C05-i08. m03 - Support a program of R&D projects for development and implementation of advanced cybersecurity, artificial intelligence and data science systems in public administration, as well as a scientific capacitation program”, within the scope of the agreement between the Recover Portugal Mission Structure and the Foundation for Science and Technology (FCT, I.P), as an intermediary beneficiary.

The recruited candidates will integrate a project focused on data analysis to support decision making in public health, joining a multidisciplinary and diverse research team in a collegial and collaborative environment.

The candidate should have an educational background in Biomedicine, Biology, Computational Biology or similar, and be currently enrolled in a PhD Program in public health.

Main Research Fields: Computation, Data Science, Artificial Intelligence.

Workplan:

The chosen candidate will perform the following tasks:

1. Analysis and development of databases containing medical and non-medical information;
2. Participation and development of activities related to the project in coordination with other colleagues and researchers;
3. Participation in activities related to the goals of the project, namely those related to the selection and analysis of relevant bibliography, dissemination activities, including the preparation of scientific articles and presentations in conferences, seminars, workshops, etc., as well as organizing those same events in the context of the project.

Duration: The fellowship has a duration of 4 months, with a foreseen starting date in 1st February 2025. The fellowship may eventually be renewed, until the maximum foreseen in the project and according to the terms of the LIP regulations.

The research project will be conducted at LIP under the scientific supervision of Joana Gonçalves de Sá.

Candidates can apply by sending the following documentation, in English:

- Motivation letter
- Curriculum Vitae detailing the skills and qualifications described in this advertisement
- Certificate or diploma copy, including recognition of foreign diploma, if applicable
- Contacts of 2 references
- Other documents the candidate considers relevant for their application

Applications should be sent as pdf files to the email address vanda@lip.pt and natalia@lip.pt.

Where to apply

E-mail natalia@lip.pt

Requirements

Research Field Computer science

Education Level Master Degree or equivalent

Research Field Medical sciences » Health sciences

Education Level Master Degree or equivalent

Skills/Qualifications

The ideal candidate should also have:

- Experience in using programming languages such as Python and R, and data analysis software (e.g., GIS, PostgreSQL, Microsoft Power BI).
- Relevant academic background, preferably with a master's degree in Bioinformatics, Computational Biology, Bioengineering, Information Management, or related fields.
- Proven experience in using predictive models in health, epidemiology, and/or public health.
- Strong communication and collaboration skills in multidisciplinary and international environments.

The candidate must be fluent in English and Portuguese and be able to use both in a professional setting (equivalent to level C2).

Specific Requirements

The candidate should have previous experience (at least 3 years) working on research projects in the subject areas of biomedicine, biology, health sciences, with a strong emphasis on computation and data science. Previous experience in data analysis in a hospital setting, as well as international experience in public health projects is strongly preferred.

Languages ENGLISH

Level Excellent

Research Field Computer science

Years of Research Experience 1 - 4

Additional Information

Benefits

The monthly amount of 1259.64€ is in accordance with the values stipulated in the “FCT Regulation for Research Studentships and Fellowships”:

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 bank transfer to the grant holder's bank account. The fellowship might be supplemented according to LIP's regulations.

Eligibility criteria

Any national, foreign, or stateless candidates who hold an academic or professional curriculum whose profile is suited for the activity to be performed can submit their applications.

All candidates who formalize their applications in an improper way or fail to prove the requirements imposed by this tender are excluded from admission. In case of doubt, the panel is entitled to request any candidate to present further documentation supporting his/her statements. False statements provided by the candidates shall be punished by law.

In the event the degree was awarded by a foreign higher education institution, the degree must comply with the provisions of Decree-Law no. 341/2007 of 12th October by the application deadline.

Selection process

The tender selection panel shall be formed by:

- Prof. Joana Gonçalves de Sá (LIP)
- Prof. Nuno Castro (LIP)
- Lília Perfeito (LIP)
- Paulo Almeida (LIP) (substitute)

Evaluation criteria are the following:

Evaluation of the CV of the candidates, namely their educational background and past experience.

Each member of the panel will value the criteria for each candidate, taking into account the requirements of the duties to be performed, the adequacy of previous experience, his/her relationship to the relevant areas and sub-areas.

The selection will consider the applicant's Curriculum Vitae (60%) and their motivation letter (40%).

High-ranking candidates might be called for an interview, and the final decision will be based on the interview score alone.

After applying the selection criteria, the panel will prepare an ordered list of the approved candidates and their corresponding classification. In case none of the candidates can demonstrate suitable skills or background, the panel will not select any candidate.

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

Non-discrimination and equal access policy: LIP actively promotes a nondiscrimination 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

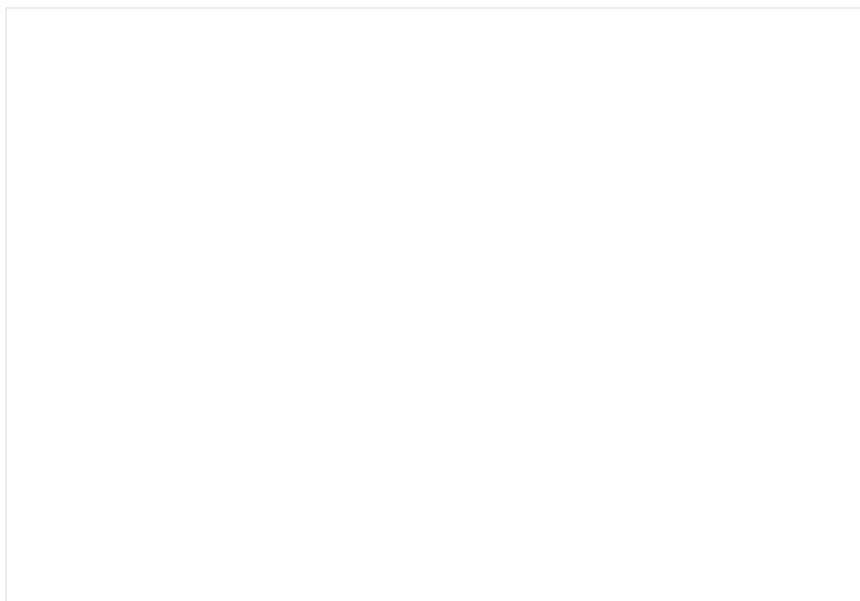
State/Province

LISBON

City

LISBON

Geofield



Contact

City

LISBON

Website

<http://www.lip.pt>

Street

Av. Prof. Gama Pinto, nº 2

Postal Code

1649-003






E-Mail

natalia@lip.pt

Apply now [✉ \(mailto:natalia@lip.pt?subject=Research Fellowship \(BI – Master\) - SPAC group\)](mailto:natalia@lip.pt?subject=Research_Fellowship_(BI_Master)_-SPAC_group)

 [Add to Favorites](#)

Share this page

-  X (formerly Twitter)
-  Facebook
-  LinkedIn
-  Whatsapp
-  More share options