

Job offer

JOB PORTUGAL

LIP - Laboratório de Instrumentação e Física Experimental de Partículas | Posted on: 20 June 2025

International Selection Tender Procedure for Doctorate Hiring

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20 Jun 2025

Job Information

Organisation/Company	LIP - Laboratório de Instrumentação e Física Experimental de Partículas
Department	LISBON
Research Field	Physics
Researcher Profile	Recognised Researcher (R2)
Positions	Postdoc Positions
Country	Portugal
Application Deadline	18 Jul 2025 - 17:00 (Europe/Lisbon)
Type of Contract	Permanent
Job Status	Full-time
Hours Per Week	35
Offer Starting Date	1 Aug 2025
Is the job funded through the EU Research Framework Programme?	Not funded by a EU programme
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 an external competition, for international selection, to recruit a Researcher in the LIP Scientific-Technical Career, for the development of scientific research work, in the scientific area of Astroparticle Physics and development of Instruments and Methods for Space Applications, Project Management, as well as in scientific extension activities, such as scientific dissemination and knowledge transfer.

The candidate will be hired under an open-ended work contract.

Applicable Legislation:

- Labour Code approved by Law n.º 7/2009 of 12th February, under its current reading.
- Decree-Law n.º 57/2016, 29 August, amended by Law n.º 57/2017, 19 July

Duties to perform

The candidate will develop his/her work in the scientific area of Astroparticle Physics and the development of Instruments and Methods for Space Applications, particularly in the research line of studying radiation environments in Space, and will regularly carry out, in addition to research and development activities, other scientific and technical activities within the scope of LIP's mission, including continuous support to the Grants Office.

Submission of Applications

Candidates must submit the following documentation:

- a) Motivation letter (max. 2 pages);
- b) Detailed Curriculum Vitae;
- c) Copy of certificates or diplomas. For candidates with diplomas issued by foreign institutions, the presentation of the recognition/equivalence will be required for the signature of the contract;
- d) Two reference letters;
- e) Other documents the candidate considers relevant for the application.

Candidates shall send their application files and supporting documentation, in a digital form, in PDF format, to the email: natalia@lip.pt. **The call is open from June 20 to July 18, 2025, 17:00 (Lisbon time).**

All candidates who formalise 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 are punished by law.

This tender is exclusively destined to fill the vacancy and can be terminated at any time until approval of final candidate list, expiring with the respective occupation of said vacancy.

Where to apply

E-mail natalia@lip.pt

Requirements

Research Field Physics

Education Level PhD or equivalent

Skills/Qualifications

Candidate Profile

PhD or equivalent in the scientific area of Physics, or similar. The candidate must have more than 5 years of post-doctoral research and relevant experience in the area of application; with a relevant scientific curriculum in the area of Astroparticle Physics and Space applications; with experience in simulation and data analysis of radiation detectors and energetic particles, in particular from detection instruments on board space missions; with experience in preparing applications for projects and contracts within the scope of European Space Agency's calls and European projects.

Specific Requirements

In addition, the following requirements and preference factors apply:

- The candidate must have a profile suitable for integrating international teams and projects, in a constructive and collaborative environment, and be fluent in English and Portuguese.
- The candidate must also have programming knowledge (Python, C++) and knowledge of physics simulation package (Geant4) and analysis tools (Root), as well as experience in Linux operating system.
- Successful experience in applying for national and/or international funding for scientific research projects.
- Experience in bidding for contracts with the European Space Agency, either as a Prime Contractor or as a participant in consortia with Industry or Scientific Institutions.
- Experience in managing national and European projects with advanced knowledge of project management tools, such as JIRA and knowledge management platforms, such as Confluence.

The candidate must demonstrate proven aptitude to develop scientific dissemination activities in the scientific area of Physics.

Languages ENGLISH

Level	Excellent
Languages	PORTUGUESE
Level	Excellent
Research Field	Physics

Additional Information

Benefits

Workplace and Monthly Wage

- Workplace will be in the LIP node of Lisboa.
- The monthly remuneration to be awarded is the one stipulated in the LIP Scientific-Technical Career, position CT3, corresponding to level 33 of the single remuneration table, which is currently 2,351.53 Euros.

Eligibility criteria

Admission Requirements

Any national, foreign or stateless candidate who holds a PhD degree in the above mentioned areas (in the Candidate Profile section) and a scientific and professional curriculum whose profile is suited for the activity to be performed can submit an application.

In the event the doctorate degree was awarded by a foreign higher education institution, it is mandatory to obtain the recognition of the degree and the conversion of its final score to the Portuguese classification scale, complying with the provisions of Decree-Law 66/2018, of 16 August. The recognition of foreign academic degrees and diplomas must be made available for the signature of the contract.

The recognition/equivalence of foreign academic degrees, as well as the conversion of its final score to the Portuguese classification scale, can be requested to any public Portuguese University, public Polytechnic Institute or to the Directorate General for Higher Education (DGES). For further information, applicants are advised to read the Decree-Law 66/2018, of 16 August, and to visit the website of the DGES: <https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition?plid=1536>

Selection process

Selection Methods and Criteria

Selection is to be made based on the candidate's scientific and curricular background (SCB) of the candidates whose application is considered admissible. The scientific and curricular background evaluation focuses on the relevance and quality for the areas of activity in which the tender is open:

- a) of the scientific, technological production in the last five years, deemed most relevant by the candidate, in the context of the job vacancy;
- b) of the adequateness of the candidate's profile and of his/her motivation letter to the development of the activities related to the LIP research line previously mentioned;
- c) of the professional experience in the scientific area and research line of the tender, including, namely, activities related to the conception, development and execution of research and development projects, computing infrastructures, as well as projects of another nature carried out within this scientific area;
- d) of the impact of scientific activity reflected in lectures, participation in scientific groups/organisations and similar;
- e) of the extension, transfer and dissemination of knowledge and service activities to the scientific community developed in the last five years.

The five-year period mentioned above can be extended by the panel, if requested by the candidate, whenever there is a temporary suspension of scientific activities caused by socially protected grounds like paternity leave, long-term serious illness, and other legal situations of unavailability to work.

The assessment of the scientific and curricular background (SCB) of the candidates is performed by each panel member and is stated in a zero (0) to one hundred (100) scale, rounded to the nearest unit.

The final classification (FC) of each candidate is obtained by the sum of the evaluation of each panel member (SCB) divided by the number of the panel members (N).

$$FC = (\sum SCB) / N$$

The final classification (FC) will be approximated to tenths by symmetrical rounding, on a scale from zero (0) to one hundred (100) values.

The panel members shall deliberate by means of roll call vote, justified under the adopted and disclosed selection criteria, with no abstentions allowed.

Minutes of the panel meetings will include a summary of all occurrences of said meeting, as well as of all votes casted by the members and respective reasoning, and shall be provided to candidates whenever requested.

After selection criteria application, the panel members shall prepare an ordered list of the approved candidates with corresponding classifications. If none of the candidates proves to have the necessary experience or qualifications, the jury will not select any candidate. The panel's final decision shall be validated by the head of the institution, who is also responsible for the hiring.

Selection Process

First meeting

The Panel Members decide, first, on the admission and exclusion of applications, according to the requirements and the adequateness of the candidates' background in the scientific areas for which the tender is open. After deciding on the admission and exclusion of candidates, the panel members begin the procedures relating to the phased application of the selection methods.

The Panel Members assess the scientific background and CV of all the admitted candidates. The merit of the candidates will only be assessed based on their previous experience in the scientific areas for which the tender is open, according to the selection criteria and evaluation parameters described in the present tender. The candidates' merit and experience in other areas shall not therefore be taken into consideration by the panel members. The ranking of the candidates in the SCB method is based on the scores given to each candidate.

The panel members calculate the final score and rank the candidates approved by applying the formula defined in the present tender.

The jury decides through nominal voting based on the selection criteria adopted and disclosed, abstentions not being allowed.

The notification of the draft's final decision to the candidates, which contains the list with the proposed ordering of the successful candidates as well as the list of the excluded candidates, is made according to the terms defined in the present tender.

Pursuant to article 121 of the Administrative Procedure Code, after notified, all candidates have 10 working days to respond. Panel's final decisions are pronounced within a period of 90 days, from application deadline.

Second meeting

If any of the candidates exercises their right to be heard, the panel members shall hold a second meeting in order to analyse the request, and the candidates will be notified of its deliberations, under the terms of the present tender.

If the panel members find the candidates' allegations well founded, it shall proceed according to its deliberations, thereby notifying the candidates under the terms of the present tender.

If the panel members find such allegations unfounded, following the candidates' notification under the terms of the present tender, the procedure shall then be submitted to the head of the institution for approval.

All the candidates will be notified regarding the approval decision under the terms of the present tender. The administrative records of the tender may be consulted by the candidates, through prior scheduling, requested by sending an e-mail to natalia@lip.pt.

Jury Members

- Patrícia Gonçalves, Professor at IST and LIP President
- Mário Pimenta, Professor at IST, LIP Researcher
- Guilherme Milhano, Professor at IST, LIP Director
- Nuno Castro, Professor at University of Minho, LIP Director, CNCA President of the Board of Directors

Additional comments

Notification of the Candidates

Both admitted and excluded candidates list and final classification list shall be sent to the candidates who will be notified by email with delivery receipt.

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.

Pursuant to the Law n.º. 04/2019 of 10 January, disabled candidates shall be preferred in a situation of equal classification, and said preference supersedes any legal preferences. Candidates must declare, on their honour, their respective disability degree, type of disability and communication/expression means to be used during selection period on their application form, under the regulations above.

Advertising

This announcement has been prepared by the Board of Directors and will be sent for publication on the LIP website and the EURAXESS portal.

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 [✉ \(mailto:natalia@lip.pt?subject= International Selection Tender Procedure for Doctorate Hiring.\)](mailto:natalia@lip.pt?subject=International%20Selection%20Tender%20Procedure%20for%20Doctorate%20Hiring) [📌 Add to Favorites](#)

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