

EURAXESS

ANNOUNCEMENT FOR THE OPENING OF A SELECTION TENDER PROCEDURE FOR DOCTORATE HIRING

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31 Oct 2023

Job Information

Organisation/Company	LIP - Laboratório de Instrumentação e Física Experimental de Partículas
Department	LISBON
Research Field	Physics
Researcher Profile	Established Researcher (R3)
Country	Portugal
Application Deadline	17 Nov 2023 - 05:00 (Europe/Lisbon)
Type of Contract	Temporary
Job Status	Full-time

Hours Per Week	35
Offer Starting Date	1 Dec 2023
Is the job funded through the EU Research Framework Programme?	Not funded by an EU programme
Reference Number	RESTART Program
Is the Job related to staff position within a Research Infrastructure?	No

Offer Description

LIP is opening a selection tender for one vacancy of doctorate to perform research in the scientific area of Experimental Particle Physics. This vacancy is open in the framework of the FCT RESTART Program and the scientific work will be carried out in the ATLAS and LHC Upgrade Projects. The candidate will be hired under a non-fixed term work contract (maximum duration of 6 years), pursuant to the dispositions of articles 6 and 7 of the Decree-Law n°. 57/2016 of 29th August, updated by the Law n°. 57/2017, of 19th July and to the Labour Code, under its current reading.

Work Plan: The candidate will carry out scientific work in the framework of the ATLAS and LHC Upgrade Projects, as well as within the scope of the Simulation and Big Data Competence Center, namely collaborating in data analysis and playing a leading role in knowledge transfer in strategic partnerships for LIP.

Application formalization shall be made by sending:

- Motivation letter;
- Detailed Curriculum Vitae;
- Certificate or diploma copy. For foreign certificates, proof of the recognition request should be provided with the application, if applicable. The Recognition of foreign diploma should be delivered for contractual purposes; <https://www.dges.gov.pt/pt/pagina/reconhecimento>
- Contacts of 2 referees;
- Other documentation relevant for the evaluation of qualifications in a related scientific area.

Candidates shall submit their application and supporting documentation, in a digital form, in PDF format, via email to natalia@lip.pt. **The call is open from 02nd November to 17th November 2023, 17:00 (Lisbon time).**

- **Applicable Legislation:**
- Decree-Law no. 57/2016 of 29th August, which approved the doctorate hiring regime destined to stimulate scientific and technological employment for all knowledge areas (RJEC), updated by the Law n° 57/2017, of 19th July
- Labour Code approved by Law no. 7/2009 of 12th February, under its current reading
- Regulatory Decree n° 11-A/2017, of 29th December

Requirements

Research Field	Physics
Education Level	PhD or equivalent

Skills/Qualifications

Application requirements: Candidates for the position must be PhD holders with relevant post-doctoral experience, at least five years, and relevant post-doctoral scientific curriculum. Candidates must be highly motivated and have a PhD in physics, with publications in the field of Experimental Particle and Astroparticle Physics. Knowledge of Linux, C++, ROOT, as well as advanced data analysis techniques, namely deep machine learning, and availability to collaborate in knowledge transfer processes in academic and non-academic contexts.

Specific Requirements

Preference factors: Experience with data analysis tools in large Physics and Astroparticle collaborations, expertise in deep machine learning for classification and identification of anomalies.

Languages ENGLISH

Level Excellent

Research Field Physics

Years of Research Experience 4 - 10

Additional Information

Benefits

Monthly remuneration to be paid is the one defined by articles 15 (1) (2) of the Law n° 57/2017, of 19th July, corresponding to level 1 of the category "Investigador Auxiliar", i.e 3.327,76 Euros (Estatuto da Carreira de Investigação Científica).

Eligibility criteria

Any national, foreign or stateless candidates who hold a doctorate degree in Physics or related scientific area and a scientific and professional curriculum whose profile is suited for the activity to be performed can submit their applications. In the event the doctorate 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.

Selection process

Pursuant to article 13 of RJEC, the tender selection panel shall be formed by Prof. Patrícia Gonçalves, Prof. Mário Pimenta and Prof. Nuno Catro.

Pursuant to article 5 of RJEC, selection is to be made based on the evaluation of the scientific and curricular career of the candidates whose application is considered admissible.

Scientific and curricular career evaluation focuses on the last five years taking into account the relevance and quality of:

1. scientific and technological production deemed most relevant by the candidate, in the last five years;
2. research activities, experimental and applied work deemed most impactful by the candidate, in the last five years;
3. knowledge extension and dissemination activities, namely under the scope of the promotion of culture and scientific practices, deemed most relevant by the candidate, in the last five years;

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

Evaluation criteria are the following:

Evaluation of the CV of the candidates, namely their scientific merit and research capabilities as demonstrated by the diffusion of the scientific results achieved and by the participation in research projects in scientific fields relevant for the proposed work program.

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 subareas.

The selection method will consider: candidate's curriculum vitae and its relevance to the needs of the research project (80%) and motivation letter (20%).

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

Minutes of panel meetings shall be executed and shall 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 required.

After selection criteria application, the panel shall prepare a sorted list of approved candidates and respective classification.

Panel's final decision shall be validated by the leader of the institution, who is also in charge of deciding about the hiring.

Additional comments

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 shall be punished by law.

Both admitted and excluded candidate list and final classification list shall be published in the website of LIP: <http://www.lip.pt> and all candidates shall be notified by email with delivery receipt.

Preliminary Hearing and Final Decision Deadline: 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.

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.

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 Decree-Law no. 29/2001 of 3 February, 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.

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

Postal Code

1649-003

Street

Av. Prof. Gama Pinto, nº 2

Geofield



Where to apply

E-mail natalia@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