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Job offer

JOB

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[LIP - Laboratório de Instrumentação e Física Experimental de Partículas](#) | Posted on: 29 January 2025

RESEARCH STUDENT FELLOWSHIP (Master level)

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29 Jan 2025

Job Information

Organisation/Company	LIP - Laboratório de Instrumentação e Física Experimental de Partículas
Department	LISBON
Research Field	Physics
Researcher Profile	First Stage Researcher (R1)
Positions	Master Positions
Country	Portugal
Application Deadline	13 Feb 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 Mar 2025
Is the job funded through the EU Research Framework Programme?	NextGenerationEU
Reference Number	2024.00227
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 Master) for participation in the project ATLASDaTA (*Collaboration in the ATLAS Experiment at CERN: Data Taking and Analysis*), project approved in the framework of the Call for SR&TD Projects: Cooperation between Portugal and CERN, Ref. 2024.00227.CERN, supported by the measure RE-C06-i06.m02 – "Support the funding of International Partnerships in Science, Technology and Innovation" of the Recovery and Resilience Plan - PRR, within the scope of the agreement between the Recover Portugal Mission Structure and the Foundation for Science and Technology (FCT, I.P.), as intermediary beneficiary.

Work plan:

This grant is intended to carry out scientific work within the scope of the ATLAS project. The work plan will focus on searches for violation of charge/parity symmetry in the couplings of the Higgs boson to the W boson. The grantee will have to perform statistical analysis of the data collected during the period 2015-2018 to determine the signal intensity as a function of angular observables and interpret them in terms of constraints on anomalous couplings at the HWW vertex. The grantee will also prepare the results for publication.

Legislation:

The fellowship contract will be established according to the Regulations for Research Grants of LIP and FCT and to the Status of Scientific Research Fellow (Law nº 40/2004 de 18 de Agosto, and its successive amendments).

<https://files.diariodarepublica.pt/2s/2019/12/241000000/0009100105.pdf>

<https://web.lip.pt/files/Regulamento-Bolsas-Investigacao-BI-LIP.pdf>

Duration:

The fellowship has a foreseen duration of 6 months, potentially renewable. The foreseen starting date is March 1, 2025.

Applicants should submit: a motivation letter, curriculum vitae, Master diploma and a list and grades of university courses and other relevant documents, as a PDF file, by email to vanda@lip.pt and natalia@lip.pt

Reference letters in support of the application may be submitted, but are optional.

Where to apply

E-mail vanda@lip.pt

Requirements

Research Field	Physics
Education Level	Master Degree or equivalent

Skills/Qualifications

Main Research Field: Physics

Level: Master or equivalent

Specific Requirements

Preference will be given to candidates who already have knowledge of C/C++, ROOT, experience with Linux, knowledge of the ATLAS data analysis framework or statistical analysis tools in High Energy Physics.

Languages	ENGLISH
Level	Excellent
Research Field	Physics
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 a bank transfer to the grant holder's bank account.

Other components, such as installation or travel support, if applicable, will be paid according to the same rules.

Eligibility criteria

Applicants should fulfill the requirements to join a course granting a higher academic degree (PhD) 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 signing the contract, the candidate must present a proof of enrollment in the course granting, or not, a higher academic degree.

In the event 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

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 fulfill the appropriate profile, the scholarship will not be awarded.

Effective Members of the Jury:

- Dr. Agostinho Gomes (LIP)
- Dra. Helena Santos (LIP)
- Dra. Rute Pedro (LIP)

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.

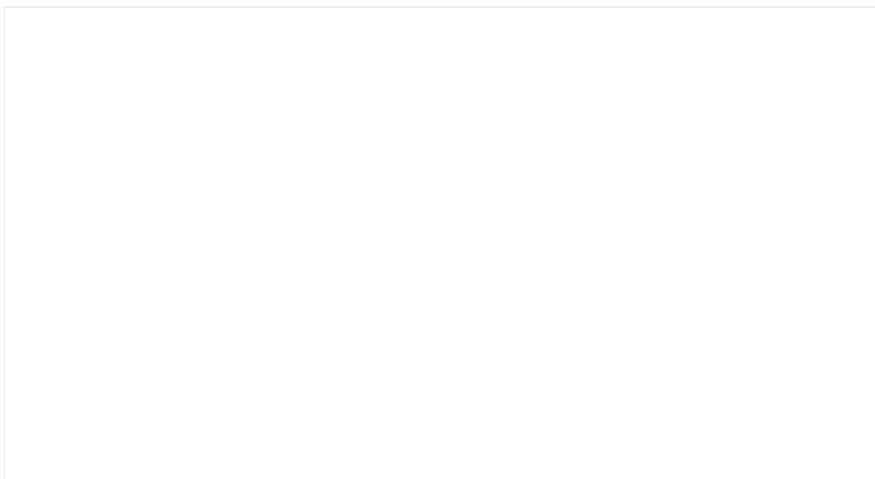
Additional comments

Non-discrimination and equal access policy: LIP actively promotes a non-discrimination and equal access policy, wherefore no candidate can be privileged, 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
Country	Portugal
State/Province	Lisboa
City	Lisboa
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 vanda@lip.pt

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