

Job offer

JOB PORTUGAL

LIP - Laboratório de Instrumentação e Física Experimental de Partículas | Posted on: 30 October 2024

Research Student Fellowship (BI – MSc Holder) - CMS Group

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30 Oct 2024

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	PhD Positions
Country	Portugal
Application Deadline	15 Nov 2024 - 17:00 (Europe/Lisbon)
Type of Contract	Temporary
Job Status	Full-time
Hours Per Week	35
Offer Starting Date	1 Dec 2024
Is the job funded through the EU Research Framework Programme?	NextGenerationEU
Reference Number	2024.00238.CERN
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 MSc Holder)** for participation in the project "Collaboration in the operation and physics data analysis at the CMS experiment at CERN", project submitted in the framework of the Call for SR&TD Projects: Cooperation between Portugal and CERN, Ref. 2024.00238.CERN, funded by the Investment RE-C06-i06 – "Science Plus Training" - PRR

Work plan:

The work plan will be carried out in the framework of the activities of the LIP group in the CMS experiment, one of the outstanding research groups in High Energy Physics in Portugal. The LIP-CMS group is involved with a leading role in data analysis (Top, B, quarkonium, heavy ions, SUSY, exclusive production, and Higgs) and in the HL-LHC detector upgrades for Phase2 (MTD, PPS). At LIP, we operate a Tier-2 computer center, provide resources for data analysis both locally and as a part of the CMS computing grid.

The successful candidate will participate in the data analysis of the full dataset available with the goal of fully exploiting the discovery opportunities offered by the LHC in the search for New Physics. The activity is centered on Run2 data and preparation for a leading contribution in the LHC Run3 data analyses.

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, August 18th, and its successive amendments).

Duration:

The fellowship has a duration of 10 months, eventually renewable until the end of the project, with a foreseen starting date on December 1, 2024 (or soon thereafter).

Applicants should submit: a motivation letter, Curriculum Vitae, two reference letters, Bachelor and Master diplomas 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

Where to apply

E-mail natalia@lip.pt

Requirements

Research Field [Physics](#)

Education Level [Master Degree or equivalent](#)

Skills/Qualifications

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

Specific Requirements

Applicants should fulfil 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 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=1...>). The selected candidate must provide the recognition of the degree when signing the contract.

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_atu...

This amount will be paid on a monthly basis, through a bank transfer to the grant holder's bank account.

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:

- Prof. João Varela (LIP and IST)
- Prof. Patricia Gonçalves (LIP and IST)
- Dr. Jonathan Hollar (LIP)
- Dr. Michele Gallinaro (LIP and IST)

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 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.

Website for additional job details

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

<https://www.lip.pt/?lang=en§ion=research&page=research-group-details&detail...>

Work Location(s)

Number of offers available

1

Company/Institute

LIP - Laboratório de Instrumentação e Física Experimental de Partículas

Country

Portugal

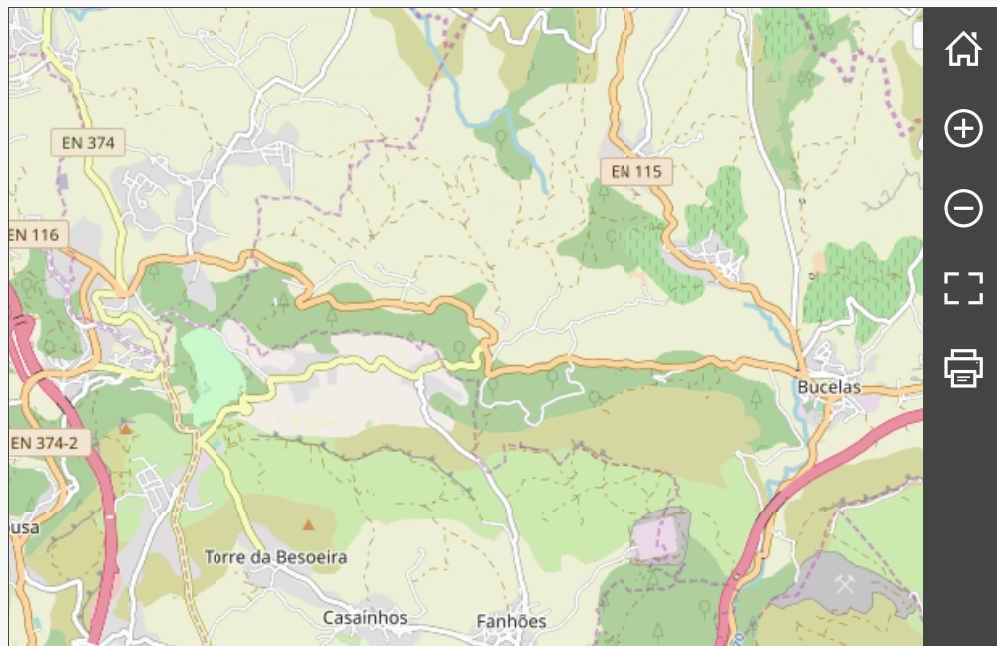
State/Province

LISBON

City

LISBON

Geofield



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