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Research Student Fellowship (BI – Bachelor) - NUC- RIA

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23/01/2023

Job Information

Organisation/Company	LIP - Laboratório de Instrumentação e Física Experimental de Partículas
Department	LISBON
Research Field	Physics
Researcher Profile	First Stage Researcher (R1)
Country	Portugal
Application Deadline	14/02/2023 - 17:00 (Europe/Lisbon)
Type of Contract	Other
Job Status	Full-time
Hours Per Week	35
Offer Starting Date	23/01/2023 - 12:00
Is the job funded through the EU Research Framework Programme?	Not funded by an EU programme
Reference Number	2022.06730.PTDC
Is the Job related to staff position within a Research Infrastructure?	No

Offer Description

LIP opens a call for one Research Student Fellowship (BI - Bachelor) for participation in the project “Atomic inputs for kilonovae modeling” , ref. 2022.06730.PTDC, funded by FCT/MCTES through national funds (State Budget – OE).

Work plan:

The grant is intended for scientific research work within the scope of above mentioned project, namely the calculation of atomic parameters in elements present in the composition of the ejecta associated with kilonovas and modeling of its emission spectra. The tools to be used include advanced atomic structure and radiative transfer codes.

The work will be carried out in the NUC-RIA group at LIP in Lisbon and in close collaboration with the TNA group at GSI in Germany.

Legislation:

The fellowship contracts 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 de 18 de Agosto, and its successive amendments).

Duration:

The fellowship has a duration of 6 months. The fellowship may eventually be renewed, until the maximum foreseen in the project (12 months) and according to the terms of the FCT regulations.

The foreseen starting date is on March 1st, 2023.

Requirements

Research Field	Physics
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Education Level Bachelor Degree or equivalent

Skills/Qualifications

Research Field: Physics

Academic Degrees: Bachelor in Physics, Physical Engineering or related areas

Candidates must demonstrate the ability to learn new concepts and techniques and research, and to carry out a research program.

Specific Requirements

Background in Physics, Physical Engineering, or related areas.

Experience with C++ or python programming languages.

Languages ENGLISH

Level Excellent

Research Field Physics

Years of Research Experience 1 - 4

Additional Information

Benefits

The monthly amount of 875,98€ is in accordance with the values stipulated in the “FCT Regulation for Research Studentships and Fellowships”:

https://www.fct.pt/apoios/bolsas/docs/Tabela_de_Valores_SMM_2022.pdf

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

Eligibility criteria

Applicants should fulfil the requirements to join a course granting a higher academic degree (Master) 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 contracting, it will also be necessary the candidate present a proof of enrolment 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 n.º 66/2018, of 16 august (<https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition?plid=1536>). 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 adequacy of the candidate's profile to the project's needs (50%).

Members of the Jury:

Dr. José Pires Marques, Dr. Jorge Miguel Sampaio, Dr. Daniel Galaviz

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

Equality and non-discrimination Policy

We are committed to promoting equality and preventing discrimination, and welcome applications of all qualified candidates irrespective of their age, disability, gender, marital status, pregnancy, maternity, gender identity, race, colour, nationality, ethnicity or national origin, sexual orientation, religion or belief, social background or culture or trade 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	LISBON
City	LISBON
Postal Code	1649-003
Street	Av. Prof. Gama Pinto, nº 2
Geofield	

Where to apply

E-mail ofelia@lip.pt

Contact

City	LISBON
Street	Av. Prof. Gama Pinto, nº 2
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