

EURAXESS

Junior Researcher (PhD holder) – Pheno/YoctoLHC

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7 Nov 2023

Job Information

Organisation/Company	LIP - Laboratório de Instrumentação e Física Experimental de Partículas
Department	LISBON
Research Field	Physics
Researcher Profile	Recognised Researcher (R2)
Country	Portugal
Application Deadline	21 Nov 2023 - 17:00 (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?	H2020 / ERC
Reference Number	Ref. 835105
Is the Job related to staff position within a Research Infrastructure?	No

Offer Description

LIP opens a selection tender for one position - Junior Researcher - in the framework the project “YoctoLHC: Yoctosecond imaging of QCD collectivity using jet observables” financed by the European Research Council (ERC) in the Horizon 2020 (ERC-2018-ADG) programme with reference 835105.

Work plan:

The YoctoLHC project, coordinated by Professor Carlos Salgado — Universidade de Santiago de Compostela and Galician Institute of High Energy Physics (IGFAE) — and developed in partnership with the Phenomenology Group at LIP and the University of Jyväskylä, aims to characterize the initial stages of the formation of Quark Gluon Plasma in heavy ion collisions using information from the structure of hadronic jets. The successful candidate will focus on the study of jet dynamics in the presence of a quark gluon plasma.

Legislation:

The contract will be celebrated as a non-fixed term work contract in accordance with Decree-Law no. 57/2016 of 29th August, which approved the regime for hiring of doctorate holders destined to stimulate scientific and technological employment for all knowledge areas (RJEC), updated by the Law n° 57/2017, of 19th July; the Labour Code approved by Law no. 7/2009 of 12th February, under its current reading; and Regulatory Decree n° 11-A/2017, of 29th December.

Duration:

Non-fixed term work contract (foreseen duration of 12 months) with expected starting date on December 1st, 2023.

Applicants should submit: (i) motivation letter; (ii) complete CV (including publication list); (iii) copy of relevant diplomas (certification of registration of non-portuguese diplomas, when relevant, may be presented after the conclusion of the selection process); (iv) any other documents deemed relevant by the candidate to support the application.

All documents should be sent, in PDF format, to the email address natalia@lip.pt.

Requirements

Research Field	Physics
Education Level	PhD or equivalent

Skills/Qualifications

Holders of a doctoral degree in Physics or similar area and with a scientific and professional track record suitable to the research to be carried out.

Motivated researcher with previous experience in the study jets in heavy ion collisions.

Specific Requirements

When the doctoral degree has been awarded by a non-Portuguese University, the procedures established in Decree-Law n°.

66/2018, of 16 august must have been completed until the starting date of the contract.

<https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition?plid=1...>

Preference criteria:

Experience in Jet Physics in heavy ion collisions

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 article 15 (1) of the Law n° 57/2017, of 19th July, corresponding to level 33 of the Single Salary Table, i.e. 2.228,11 Euros.

Eligibility criteria

Applicants must hold a doctoral degree in Physics or related area.

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°. 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

Pursuant to article 5 of RJEC, selection is to be made based on the candidate's scientific and curricular career evaluation of the candidates.

Scientific and curricular career evaluation focuses on relevance, quality and topicality:

- a) of scientific, technological production in the last five years, deemed most relevant by the candidate;
- b) of research activities, applied or based on practical work, developed in the last five years, deemed of higher impact by the candidate;
- c) of knowledge extension and dissemination activities developed in the last five years, namely under the scope of the promotion of scientific culture and practices, deemed most relevant by the candidate;
- d) of the management of science, technology and innovation programmes.

Evaluation criteria are as follows:

- a) scientific and technological production in the last five years (60%)
- b) research activities, applied or based on practical work, developed in the last five years (30%)
- c) knowledge extension and dissemination activities developed in the last five years and management of science, technology and innovation programmes (10%).

Each member of the panel will evaluate each candidate in each stated criterium, taking into account the requirements of the duties to be performed, the adequacy of previous experience, his/her relationship to the relevant areas and sub-areas.

The final classification (CF) is stated in a zero (0) to one-hundred (100) scale and obtained according to $CF = 0,60*a) + 0,30*b) + 0,10*c)$

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

Minutes of 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 shall prepare an ordered list of the approved candidates with corresponding classifications. The panel's final decision shall be validated by the head of the institution, who is also responsible for the hiring.

Members of the Jury:

Professor José Guilherme Milhano, President; Dra. Liliana Apolinário, effective member; Professor Nuno Castro, effective member; Professor Carlos Salgado, effective member.

Additional comments

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.

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://pages.lip.pt/pheno/>
<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