

## Portugal



# Junior Researcher (PhD holder) – AMBER/COMPASS



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26 Apr 2024

## Job Information

<b>Organisation/Company</b>	LIP - Laboratório de Instrumentação e Física Experimental de Partículas
<b>Department</b>	LISBON
<b>Research Field</b>	Physics
<b>Researcher Profile</b>	Recognised Researcher (R2)
<b>Country</b>	Portugal
<b>Application Deadline</b>	14 May 2024 - 17:00 (Europe/Lisbon)
<b>Type of Contract</b>	Temporary
<b>Job Status</b>	Full-time
<b>Hours Per Week</b>	35
<b>Offer Starting Date</b>	TBC
<b>Is the job funded through the EU Research Framework Programme?</b>	Not funded by an EU programme

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 "AMBER/COMPASS: Collaboration in the AMBER and COMPASS Experiments at CERN", project submitted under the scope of the FCT Programme of Cooperation between Portugal and CERN, reference 2024.00270.CERN.

### Work plan:

The AMBER/COMPASS project, coordinated by Dra Catarina Quintans from LIP – Laboratory of Instrumentation and Experimental Particle Physics, in cooperation with the COMPASS and AMBER group from the Aveiro University – I3N, aims at investigating hadron structure from the experimental data of the AMBER and COMPASS experiments at CERN. The successful candidate will develop a two-fold activity: the analysis of muon-on-proton Deep Inelastic Scattering data collected by COMPASS; and particle identification in AMBER measurements.

### Legislation:

The contract will be celebrated as a non-fixed term work contract in accordance with Decree-Law n.º. 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.º. 57/2017, of 19th July; the Labour Code approved by Law n.º. 7/2009 of 12th February, under its current reading; and Regulatory Decree n.º. 11-A/2017, of 29th December.

### Researcher Profiles

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. When the doctoral degree has been awarded by a non-Portuguese University, the procedures established in Decree-Law n.º. 66/2018, 16<sup>th</sup> August, must have been completed until the starting date of the contract.

### How to Apply?

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, should 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@lijp.pt](mailto:natalia@lijp.pt).

### Duration:

Non-fixed term work contract (foreseen duration of 12 months), eventually renewable.

## Requirements

Research Field	Physics
Education Level	PhD or equivalent

### Skills/Qualifications

#### Requirements:

Doctoral degree. Motivated researcher with previous experience in data analysis in the context of Particle Physics.

### Specific Requirements

#### Preference criteria:

Experience in the field of Deep Inelastic Scattering studies.

**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. 2.294,95 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

#### Evaluation:

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:**

Carlos Azevedo (Univ. Aveiro)

Daniel Galaviz (LIP/FCUL-UL)

Patrícia Conde (LIP/IST-UL)

**Alternates:**

Helena Santos (LIP/FCUL-UL)

Pedro Abreu (LIP/IST-UL)

**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**

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 - Laboratório de Instrumentação e Física Experimental de Partículas

**Country**

Portugal

**City**

Lisboa

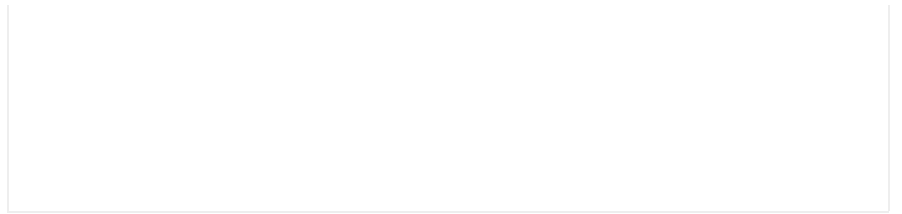
**Postal Code**

1649-003

**Street**

Av. Prof. Gama Pinto, 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