

#4080

## Public Notice - International Selection Procedure

### PhD Scientific Researcher Recruitment (Assistant Researcher)

FCiências.ID/2022/LASIGE/4

**FCiências.ID - Associação para a Investigação e Desenvolvimento de Ciências**, through its Chairman of the Board of Directors, hereby announces the opening of an international call for the recruitment of a Scientific Researcher with a PhD degree, in the category of Assistant Researcher of the FCIências.ID Scientific Research Career, within the scope of the project ADMORPH: Towards Adaptively Morphing Embedded Systems (Ref. H2020-ICT-871259), financed by the European Union under Horizon 2020 - Community Framework Program for Research & Innovation, through Grant Agreement nº 871259, in the form of an indefinite duration fixed-term employment contract, according to the Portuguese Labour Code and complementary legislation.

#### I. Admission Requirements

Portuguese nationals, foreign and stateless persons may submit applications to this selection procedure, provided they hold a doctoral degree<sup>1</sup> in Computer Science or similar areas, and fully comply with the following requirements:

- a) Demonstrated scientific experience in Networked and Sensor-Based Critical Control Systems – Information provided on the CV.

<sup>1</sup> Please note that Degrees obtained in foreign countries need a Portuguese Recognition issued by a Portuguese high degree Institution, according to the [Decree-Law nr. 66/2018](#), of August 16<sup>th</sup> and the [Ministerial Order nr. 33/2019](#), of January 25<sup>th</sup>. The presentation of such Recognition is mandatory for contract signature. More information can be obtained in: <https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition>.

#### II. Preferential Requirements

- a) R&D activity in sensor based and robotic systems - Information provided on the CV;
- b) Experience in participation in national and/or international scientific projects in the scientific areas of this call for applications - Information provided on the CV;
- c) Scientific publications: scientific experience demonstrated by published papers in journals in the call area, namely related to sensor-based systems, control systems and robotic systems - Information provided on the CV;
- d) Proficiency in English (written and spoken) - Information provided on the CV.

#### III. Applicable Law

1. Portuguese Labour Code, as approved by Law No. 7/2009, of February 12<sup>th</sup>, in its current version (CT);
2. Administrative Procedure Code, as published in Decree-Law No. 4/2015, of January 7<sup>th</sup>, in its current version (CPA).

#### IV. Work plan

The work plan consists in the design and development of a demonstrator for a monitoring and adaptation management infrastructure, for supporting the operation of a safety-critical control system. The work will be developed in the context of task 2.1 (WP2) of the ADMORPH project.

## V. Composition of the Jury

In accordance to article 13 of the RCD, the members of the jury are:

- President - António Casimiro;
- 1<sup>st</sup> Member of the jury - José Cecílio;
- 2<sup>nd</sup> Member of the jury - Nuno Ferreira Neves;
- 1<sup>st</sup> Alternate Member of the jury - Pedro Ferreira;
- 2<sup>nd</sup> Alternate Member of the jury - Alan Oliveira de Sá.

## VI. Place of work

Work will be developed at the facilities of Research Center LASIGE Computer Science and Engineering Research Centre, in Campo Grande, Lisboa, Portugal.

## VII. Contract Duration

The partial time (60%) indefinite duration fixed-term employment contract is expected to start in December 2022, and will last until the Work Plan referred to in section IV is completed. It will have an expected duration of 7 months, will not exceed the limits set in the RCD.

## VIII. Monthly Allowance

The gross monthly salary corresponds to the position 2 of Assistant Researcher, being 2.087,20 Euros, according to *Estatuto de Carreira de Investigação Científica (ECIC)*, plus holiday and Christmas allowances, as well as food allowance in the amount and conditions set out for workers with a legal employment relationship under the Labour Code.

## IX. Evaluation of applications

1. Failure to comply with the Admission Requirements implies the non-admission of candidates in absolute merit.
2. Based on the assessment of the candidates' scientific and curricular background, in the last five years, each member of the jury presents a justified proposal for admission (final classification equal to or greater than 50%) or exclusion (final classification below 50%) for each candidate, according to the evaluation criteria referred to in paragraph 4.
3. The final classification of candidates is given on a scale of 0 to 100%.
4. Evaluation of the relative merit of candidates, will rely on the following criteria:
  - a) Participation in relevant scientific projects in the areas of Robotics and Networked and Sensor-Based Critical Control Systems - 30%;
  - b) Scientific publications in the area of Networked and Sensor-Based Critical Control Systems - 50%;
  - c) Assessment of the references provided by the candidate - 20%;
  - d) Interview, if deemed necessary by the jury - 10%.
5. The jury may decide to interview the 3 best ranked candidates [in criteria a) to c) of paragraph 4], for clarifications and improved explanations of curricular elements. If there is an interview, the sum of the classification obtained in the evaluation criteria a) to c) will correspond to 90% of the final classification and the interview will correspond to 10%.
6. The jury shall deliberate by means of a roll-call vote based on the evaluation criteria.

7. Minutes of the jury meetings are drawn up, summarizing all relevant elements considered by jury members, as well as their individual votes and justifications.
8. After completion of the evaluation process, the jury will draw up a ranking of successful candidates with their classifications.
9. Hiring will be decided by the Chairman of the Board of Directors of FCIências.ID, based on the final jury recommendation.
10. The evaluation results will be published on the website of the FCIências.ID ("Concursos" tab). The candidates will be individually notified of the evaluation results by e-mail sent to the address indicated in the "Personal Data" section of the submitted form.
11. With the notification referred to in paragraph 10, the hearing phase of interested parties referred to in Article 121 *et seq.* of the CPA will begin, and last for ten working days.
12. The possible pronouncement of the candidate in a prior hearing must be addressed to the President of the jury and submitted in writing to [concursos@fciencias-id.pt](mailto:concursos@fciencias-id.pt). The President of the jury will convene a jury's meeting to produce the final decision, within thirty working days.
13. Within five working days of the final jury decision, the Chairman of the Board of Directors of FCIências.ID will approve it and the candidates will be notified.
14. The communication between FCIências.ID ([concursos@fciencias-id.pt](mailto:concursos@fciencias-id.pt)) and the candidates will be electronic and will comply with the following rules:
  - a) At the time of electronic submission of any document - namely in the case of paragraph no 12 - the candidates must generate proof of "sent message".
  - b) FCIências.ID will send an email message acknowledging documents received to the email address used by the candidates, within two working days.
  - c) In case of absence of a confirmation receipt by FCIências.ID – showing the possibility of technical problems that should neither be the responsibility of the candidate nor FCIências.ID - the candidates should contact FCIências.ID, with the proof referred to in point (a), to ensure delivery and proper receipt of the documents concerned.

#### **X. Compliance with public policies**

1. FCIências.ID actively promotes a policy of non-discrimination and equal access, so that no candidate can be privileged, benefited, disadvantaged or deprived of any right or exempt from any duty due to, inter alia, ancestry, age, sex, sexual orientation, marital status, family status, economic situation, education, social origin or condition, genetic heritage, reduced working capacity, disability, chronic illness, nationality, ethnic origin or race, territory of origin, language, religion, political or ideological beliefs and trade union membership.
2. Under the terms of D.L. No. 29/2001, of February 3<sup>rd</sup>, a disabled candidate has a preference in equal classification, which prevails over any other legal preference. Candidates must declare their respective degree of disability, the type of disability and the means of communication / expression to be used in the selection process, under the terms of the above-mentioned diploma.

#### **XI. Submission of Applications**

1. The present call will be open from 21<sup>st</sup> October to 4<sup>th</sup> November 2022.
2. The application and all the required documents may be submitted in Portuguese or English.
3. Applications will be submitted online, through the electronic platform of FCIências.ID (<http://concursos.fciencias-id.pt>).

4. On the electronic platform, applicants will complete a mandatory section on Personal Data [name, address, date of birth, contact email, nationality and scientific identifiers] and upload files with the documents listed below:
  - i. Detailed *Curriculum vitae* in PDF format - *mandatory*;
  - ii. A motivation letter clearly demonstrating that the candidate has an adequate profile for the position and fully complies with the Admission Requirements - *mandatory*;
  - iii. Up to five publications relevant for the objectives of the Work Plan - *mandatory*;
  - iv. Digital copies of documents proving formal academic degrees (PhD) and/or other scientific and professional qualifications - original documents must be provided in case of actual recruitment - *mandatory*;
  - v. Other documents that candidates consider relevant for the assessment of their scientific merit, or to declare the personal situation in the cases covered in section X-2 of this Notice - *optional*.
  
5. By decision of the Chairman of the Board of Directors of FCIências.ID, candidates who do not submit the documents identified in paragraph 4 will not be admitted to the call. In case of doubts, the Chairman may also invite candidates to substantiate specific data or statements with official supporting documents, before accepting the candidates' submission.

This Public Note was approved by the jury on 20<sup>th</sup> October 2022.