

**OPEN NOTICE FOR INTERNATIONAL CALL FOR PhD HIRING, UNDER ARTICLE 23, DECREE-LAW 57/2016 DATED ON 29<sup>TH</sup> OF AUGUST, AS AMENDED BY LAW 57/2017 DATED ON 19<sup>TH</sup> JULY, FINANCED BY THE FCT (FUNDAÇÃO PARA A CIÊNCIA E TECNOLOGIA, I.P.):**

**Note: This is a free translation of the original announcement written in Portuguese, provided only for convenience of non-Portuguese speakers. Only the Portuguese version has official value.**

1. The Board of Directors of Instituto de Telecomunicações decided to open an international call to select one candidate researcher for the *Pattern Recognition and Automatic Learning* Group.

Job description:

- Research in Data Science, namely in the areas that it encompasses: artificial intelligence and machine learning, as well as analysis, coding, description, mining, visualization, protection, and communication of multimedia information.
- Publish results in high-impact scientific journals and conferences.
- Writing of project proposals for competitive funding gathering.

2. Applicable Legislation:

- Decree-Law no. 57/2016 of 29th of August, which approved the hiring of doctorate to stimulate scientific and technological employment for all areas of knowledge (RJEC), amended by the Law 57/2017 dated 19th of July, and regulated by Regulatory Decree nr 11-A/2017, dated 29th December
- Labour Code approved by Law no. 7/2009 of 12 February, under its current Reading.

3. According to article 13 of RJEC, the selection panel shall be:

- Prof. Hugo Proença (President, Universidade da Beira Interior),
- Prof. Mário A. T. Figueiredo (Universidade de Lisboa),
- Prof. Paulo Lobato Correia (Universidade de Lisboa)
- Substitute: - Prof. Ana Aguiar (Universidade do Porto),

4. The workplace shall be at Instituto de Telecomunicações, IT Branch Covilhã – Universidade da Beira Interior or at any other facilities of Instituto de Telecomunicações namely in Aveiro, Coimbra, Lisboa, Porto, Leiria or others, in accordance with the requirements and needs of research projects.
5. Monthly remuneration is set by article 23 (3) of RJEC, corresponding to level 33 of the Salary Table, approved by Order no. 1553-C/2008 of December 31st, i.e. **2,153.94 Euros**.
6. Any national, foreign and stateless candidate(s) holding a **doctorate degree in Physics, Mathematics, Computer Science, Electrical Engineering, or similar area** and a suitable scientific and professional curriculum may submit an application. **In case of doctorate degrees awarded by a foreign higher education institution, the degree must comply with the provisions of Decree-Law no. 66/2018 of 16th of August, and all formalities established therein must be fulfilled by the selected candidate.**
7. General tender admission requirements include those specified in the previous section and compliance with the productivity criteria in force at Instituto de Telecomunicações, ([https://www.it.pt/docs/Politica\\_de\\_Qualidade\\_2.pdf](https://www.it.pt/docs/Politica_de_Qualidade_2.pdf)), that must be verifiable from the candidate's curriculum vitae.
8. According to article 5 of RJEC, selection is to be made based on the candidate's scientific and curricular evaluation.
9. Scientific and curricular career evaluation is based on relevance, quality and up-to-dateness:
  - 9.1. of scientific, technological production in the last five years, deemed most relevant by the candidate;
  - 9.2. of research activities, applied or based on practical work, developed in the last five years, deemed most impactful by the candidate;
  - 9.3. of knowledge extension and dissemination activities developed in the last five years, namely under the scope of the promotion of culture and scientific practices, deemed most relevant by the candidate;
  - 9.4. of the activities of management of science, technology and innovation programmes, in

Portugal or abroad.

10. The five-year period mentioned above may be extended by the panel, if requested by the candidate, whenever the suspension of scientific activities is justified on socially protected grounds like paternity leave, long-term serious illness, and other legal situations of unavailability to work.
11. The evaluation of the scientific and curricular career has two components, namely:
  - 11.1. The assessment of the curriculum vitae and other documentation presented, giving particular relevance to the contributions considered most relevant by the candidate in the last 5 years. This component of the evaluation is expressed in a scale of 0 to 20, taking into consideration:
    - 11.1.1. Scientific production of the candidate, namely articles in peer-reviewed journals (referred in Journal Citation Report do ISI Web of Knowledge) and proceedings of international conferences. The jury will assess the scientific production taking into consideration the quality of the submitted items and their relevance to the field of the present call;
    - 11.1.2. Knowledge of the themes, the scientific and technical expertise to carry out the functions described in point 1.
  - 11.2. Candidates with a classification of 14 or higher in the previous component shall make a public live presentation or video-conference of the results of their scientific activity and future perspectives. Following, members of the evaluation panel shall stimulate an open debate with the candidate. The evaluation of the presentation is expressed in a scale of 0 to 20 and should take into account the scientific knowledge and the capacity of communication demonstrated by the candidate, as well as the answers to the questions placed by the members of the evaluation panel.

Each panel member score is obtained attributing a weighing factor of 90% to the classification given to the evaluation of the curriculum vitae and other documentation, and a weighing factor of 10% to the classification given to the presentation.

The final classification of each candidate is obtained by the sum of the scores of the panel members divided by the number of the members of the panel. In the event of a tie, the chairperson of the panel will have the casting vote.

12. The candidates' final classification system shall be given based on a numerical scale from 0 to 20.
13. Each member of jury shall write a minute with their evaluation, and the panel shall deliberate by means of roll-call vote justified under adopted and disclosed selection criteria, with no abstentions allowed.
14. Minutes of panel meetings shall be written and shall include a summary of all occurrences, all votes casted by the members and respective reasoning, and shall be provided to candidates whenever required.
15. After applying the selection criteria, the panel will prepare a sorted list of approved candidates with their classification. The panel has the right of not selecting any of the candidates.
16. The panel's final decision shall be validated by the leader of the institution, who is also in charge of deciding about hiring.
17. Formalisation of applications:
  - 17.1. Applications are formalised by sending a Motivation Letter, addressed to the Board of Instituto de Telecomunicações, including this announcement identification, full name, parents' names, ID card / Citizen Card number and date or passport number and date, or civil identification number, taxpayer ID number, date and place of birth, marital status, occupation, residence and contact address, including email address and telephone number.
  - 17.2. Applications shall include all supported documents encompassed by section 6 and 7 for tender admission, namely:
    - 17.2.1. Certificate or diploma copy\*;
    - 17.2.2. Doctorate thesis;
    - 17.2.3. Curriculum vitae, detailed and structured pursuant to sections 9 and 11;

\*- The administrative verification of the recognition of doctoral degrees obtained abroad will be fulfilled for the purpose of contracting, in case of approval of the candidatures. Further information at <http://www.dges.mctes.pt>;

17.3. Candidates shall submit their application files and supporting documentation, in a digital form, in the IT portal, <https://www.it.pt/Positions/PostDocs>

17.4. This competition is open from **December 12<sup>th</sup>, 2022 until January 13<sup>th</sup>, 2023**.

**18.** All candidates who formalise their applications in an improper way or fail to prove the requirements imposed by this tender are excluded from admission. In case of doubt, the panel is entitled to request any candidate to present further documentation supporting their statements.

**19.** False statements provided by the candidates shall be punished by law.

**20.** Both admitted and excluded candidate list and final classification list shall be posted at **Instituto de Telecomunicações – Pólo do Lisboa, Instituto Superior Técnico, Av. Rovisco Pais 1, em Lisboa**, all candidates shall be notified by email.

**21.** Preliminary Hearing and Final Decision Deadline: After notified, all candidates have 10 working days to respond. Panel's final decisions are pronounced within a period of 90 days, from application deadline.

**22.** This tender is exclusively destined to fill this specific vacancy and can be terminated at any time up to the approval of the final candidate list. It expires with the occupation of said vacancy.

**23.** Instituto de Telecomunicações actively promotes a non-discrimination and equal access policy.

**24.** The selection panel approved this announcement on December 7<sup>th</sup> 2022.