NOTICE OF OPENING OF AN INTERNATIONAL COMPETITION FOR THE RECRUITMENT OF A DOCTORATE UNDER DECREE-LAW No. 57/2016, OF AUGUST 29, WITH THE AMENDMENTS INTRODUCED BY LAW 57/2017, OF 19 JULY AND COMPLEMENTARY LEGISLATION

INOV Public Notice Number: 01-2020

1. At the meeting held on 21st January 2020 the Executive Board of INOV INESC INOVAÇÃO – Instituto de Novas Tecnologias (INOV) decided to open an international selection competition for one doctorate position under the project RESNET Detect - Deteção Automática Precoce de Incêndios Florestais utilizando Redes Neuronais de Aprendizagem Residual - PCIF/MPG/0051/2018. The project is funded by Fundação para a Ciência e Tecnologia (FCT), in the form of an employment contract under an unspecified fixed-term work contract - in the framework of Decree-Law No. 57/2016, of August 29, ), with the amendments introduced by Law No. 57 / 2017, dated July 19 (regulations for hiring doctorates to stimulate scientific and technological employment in all areas of knowledge –RJEC), also taking into account the provisions of Regulatory Decree No. 11-A / 2017, of December 29 and the Código do Trabalho (Labor Code), approved by Law No. 7/2009, of February 12, in its current wording - being the basis of the contracting the performance of a specific service, precisely defined and non-durable, with a view to performing the following functions:

   - Senior Researcher

The maximum term of the working contract is 6 (six) years. The execution of the abovementioned tasks has a foreseeable duration of 36 months.

The termination of the project or completion of the tasks that are the subject of this competition shall determine the expiration of the contract that will operate with the communication referred to in article 345 (1) of the Código do Trabalho (Labor Code), meaning that the employer shall notify the termination of the contract to the employee, at least 7, 30 or 60 days in advance, according to whether the contract lasted up to six months, six months to two years, or per longer period.

2. Applicable law

Decree-Law No. 57/2016, of August 29, the regulations for hiring doctorates to stimulate scientific and technological employment in all areas of knowledge (RJEC), with the amendments introduced by Law No. 57 / 2017, dated July 19, also taking into account the provisions of Regulatory Decree No. 11-A / 2017, of December 29.

“Código do Trabalho” (Labor Code), approved by Law No. 7/2009, of February 12, in its current wording.

3. In compliance with article 13 of RJEC, the jury of the competition is composed as follows:

   PRESIDENT: Prof. Dr. Luís Miguel Silveira
   MEMBER 1: Prof. Dr. Miguel Mira da Silva
   MEMBER 2: Prof. Dr. Mário Serafim Nunes
   SUBSTITUTE MEMBER: Prof. Dr João Ferreira
   SUBSTITUTE MEMBER 2: Dr. Andrei Utkin

4. The workplace shall be at INOV Headquarters Rua Alves Redol, 9, 1000-029 Lisboa or at any other facilities namely Av. Duque de Ávila, 23 -1000-138 LISBOA, in accordance with the requirements and needs of research projects.
5. In compliance with Portaria nº 1553-c/2008 of 31 of December 2008 the monthly remuneration corresponds to level 33 of the single remuneration table (TRU), which corresponds to a monthly remuneration of 2.128,34 Euros.

6. Any national, foreign and stateless candidate(s) holding a doctorate degree in Physics Engineering and Technology or other related scientific 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. 341/2007 of 12th of October, and all formalities established therein must be fulfilled, by the selected candidate, until the date of signature of the contract.

7. General tender admission requirements include those specified in the previous section and be verifiable from the candidate’s curriculum vitae and in compliance with the productivity criteria such as:

   a) PhD degree in Physics Engineering and Technology;
   
   b) Demonstrated experience in one or more of the topics:
      
      i. Machine Learning – with more than 5 years of Post-Doctoral experience;
      ii. Automatic forest fire detection proven by scientific publications;
      iii. Participation in national and european scientific research projects;
      iv. Usage Keras and GPU.
   
   c) Demonstrated knowledge and skills through scientific publications, citations and patents;

Other requirements:

   a) Leadership, a strong motivation to work in a team, combining excellent organization skills with the ability to meet deadlines;
   
   b) Immediate availability
   
   c) 

8. According to article 5 of RJEC, the selection is made through the evaluation of the scientific and curricular path of the candidates.

9. The evaluation of the scientific and curricular path focuses on relevance, quality and timeliness in the scientific area of the tender:

   a) of the scientific, technological, academic, cultural or artistic production during the last five years and considered more relevant by the candidate [30%];
   
   b) of the applied or practice-based research activities developed over the last five years and considered as having the greatest impact by the candidate [40%];
   
   c) of the activities of extension and dissemination of knowledge developed during the last five years, in particular in the context of promoting the culture and scientific practices considered by the candidate to be of greater relevance [15%];
   
   d) of the activities of science, technology and innovation programs management, in Portugal or abroad [15 %].
10. The period of five years referred to in the preceding paragraph may be increased by the jury, at the request of the candidate, when justified on grounds of suspension of scientific activity for socially protected reasons, namely for reasons of parental leave, prolonged serious illness, and other situations of unavailability for work legally protected.

11. The evaluation of the scientific and curricular career has two components, namely:
   i) The assessment of the curriculum vitae and other documentation presented is made in accordance to sections 7 to 9 of this notice. This component of the evaluation is expressed in a scale of 0 to 100.

   ii) The Jury may interview the first three candidates with higher classification in person or in the impossibility of attending by video conference. The evaluation of the interview is expressed in a scale of 0 to 100 taking into consideration the quality of 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.

   If an interview is conducted, the punctuation proposed by each member of the jury is obtained by assigning a weighting factor of 90% to the curriculum vitae and other documentation presented, and a weighting factor of 10% to the interview.

12. Each member of the jury assigns a classification to each of the candidates on a scale of 0 to 100 points, ranking the candidates according to their classification consisting on the sum of the partial classifications assigned in each evaluation criterion, and taking into account the weighting factor given to each parameter. In this process abstentions are not allowed.

13. Candidates shall be ordered by applying the successive voting method.

14. The jury has the faculty not to select any of the candidates.

15. Minutes of the jury meetings are drawn up, which contain a summary of what has taken place in them, as well as the votes cast by each of the members and their reasons, being available to the candidates whenever requested.

16. The final deliberation of the jury is approved by the President of INOV, and it is his responsibility to establish the respective contract.

17. Formalisation of applications
   17.1 Applications are made by sending an email to drh@inov.pt, with the documents stated in 17.2 and 17.3.

   17.2 Applications are formalised by sending a Motivation Letter, addressed to the Board of INOV, including this announcement identification, full name, parents’ names, ID card, or Citizen Card 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.
17.3 Applications shall include all supported documents encompassed by section 5 and 6 for tender admission, namely:

a) Copy of certificate or diploma;

b) Detailed curriculum vitae, structured in accordance with the items in section 7.

* 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.

18. This competition is open from 18th February 2020 until 11th March 2020 (during 15 working days).

19. Candidates who formalize their application incorrectly or who do not prove the requirements required in this notice are excluded from admission. In case of doubt, the jury may demand any candidate to present documents proving those statements.

20. The false statements made by the candidates will be punished according to the law.

21. The admitted and excluded candidates applicants will be notified by email of the final ranking list.

22. Prior Hearing and Deadline for Final Decision: After being notified, candidates have 10 working days to submit a formal rebuttal. Within the term of 30 days, counted from the deadline for the presentation of the candidacies, the final decisions of the jury are given.

23. This tender is exclusively intended to fill the vacancy (s) indicated and may be terminated until the homologation of the final ranking list of candidates and expiring with the respective occupation of the working position on offer.

24. Non-discrimination and equal access policy: INOV 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 exemption from any duty owing, in particular, to 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.

25. Under the terms of D.L. No. 29/2001, of February 3, a disabled candidate has a preference when in equal classification, which prevails over any other legal preference. Candidates must declare on the application form 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 aforementioned diploma.

26. The selection panel approved this announcement on. 21th January 2020