ISCTE – Instituto Universitário de Lisboa

Opening of international selection tender procedure for the recruitment of one researcher, pursuant to Decree-Law number 57/2016, of 29 August, amended by Law number 57/2017, of 19 July.

I. Maria de Lurdes Reis Rodrigues, Rector of ISCTE-IUL, hereby makes public that, by virtue of her order issued on 18 January 2019, an international selection tender for recruitment is opened, for the time limit of 10 business days counted from the day immediately after that of the publication of the present public notice, for one (1) Doctoral position equivalent to Principal Investigator in the scientific area of High Performance Computing.

The hiring is made in the form of a resolutive employment contract of indeterminate duration in conformity with the Labour Code. The tender is aimed exclusively at filling the indicated position, and can be cancelled up to the homologation of the list of the final ordering of the applicants and expires upon the filling of the vacancy under offer.

II. Applicable legislation

1. The tender is ruled by the provisions in Decree-Law number 57/2016, of 29 August, as amended by Law 57/2017, of 19 July, which approves an arrangement for hiring persons with doctoral degrees aimed at stimulating scientific and technological employment in all areas of knowledge (RJEC), by Regulatory Decree number 11-A/2017, of 29 December, which regulates contract remuneration levels, as well as by the Labour Code, approved by Law number 7/2009, of 12 February, in its current wording.

2. The tender is opened pursuant to subparagraph b) of number 1 and number 3 of article 6 of Decree-Law number 57/2016, and subparagraph a) of number 1 of article 28 of the Regulation of Scientific Employment (REC).

III. Workplace

The workplace is located at ISCTE-Instituto Universitário de Lisboa, Av. das Forças Armadas, 1649-026 Lisboa.

IV. Remuneration

The monthly remuneration to be attributed corresponds to the remunerative level of the category of Principal Investigator, established in the Scientific Research Career Statutes, approved by Decree-Law number 194/99, of 20 April, in its current wording, of the gross value of 3601.03 euros.

V. Description of the position

This position seeks to foster the development of scientific research activities in the subject areas of high performance computing, machine learning and computer system architecture, and involves performance of the following duties:

a) research in high performance computing, machine learning and computer system architecture for the areas of: energy and sustainable mobility in the context of smart cities;
b) analysis and design of sustainable constructed environments, multimodal man-machine interaction and interactive technologies;
c) preparation of proposals for submission to national and international funding sources in the subject areas of the tender;
d) preparation of scientific publications;
e) scientific dissemination;
f) development of intellectual property with possible generation of patents.

VI. Recruitment requirements for the tender

1. Applicants can be nationals, foreigners and stateless persons holding a doctoral degree and with a scientific and professional curriculum that reveals a profile suited to the activity to be developed.

2. The following are requirements for admission to this tender:
a) Doctoral degree in a scientific area of relevance to the tender.
b) Fluency in Portuguese and English.
c) Proven research experience in the subject areas of the tender.

3. Proven research experience in the subject areas of the tender is appraised according to the following parameters:
a) research experience in the area of high performance computing through scientific publications and participation in R&D projects;
b) research experience in the area of computer system architecture through scientific publications and participation in R&D projects;
c) research experience in the area of machine learning through scientific publications and participation in R&D projects;
d) at least 20 scientific publications in the subject areas of the tender;
e) authorship and/or co-authorship of at least 5 patents;
f) participation in activities of dissemination of scientific results;
g) professional experience in the subject areas of the tender.

VII. Formalisation of the application

1. The applications are formalised by a request addressed to the Rector of ISCTE-IUL, asking for the acceptance of the application, which should indicate the tender being applied for, clearly naming the Information Sciences and Technologies and Architecture Research Centre (ISTAR-IUL) and the position for which the applicant is applying, identification of the applicant with full name, number and date of the identity card or citizen card, or civil identification number, date of birth, residence and contact address, including electronic address and telephone number. In this

request, the applicant should express consent for the communications and notifications related to the tender procedure to take place via electronic mail, indicating the respective address (as per the template available at https://www.iscte-iul.pt/conteudos/iscteiul/quem-somos/trabalhar-no-iscteiul/990/concursos).

2. The application should be accompanied by the following documentation:

a) Document confirming the title of doctoral degree. Holders of a doctoral degree obtained abroad must submit documentation confirming its recognition or equivalence of degree, where any formalities stipulated therein should be complied with by the date of formalisation of the contract.

b) Letter of motivation of a maximum length of 750 words, containing: i) reflection on the activities pertinent to the present tender developed over the last five years and outlook on work to be developed; ii) and reflection on the applicant's suitability to the research activities foreseen in the project and to the Research Unit for which the applicant is competing (ISTAR-IUL).

c) A copy in electronic format (pdf) of the applicant's detailed curriculum vitae, structured in accordance with the assessment criteria presented in the public notice.

3. The applications can be presented in Portuguese or English and should be submitted in person, during normal business hours, or sent via electronic means to the address recrutamento@iscte-iul.pt with the following reference in the Subject "Candidatura Investigador Principal ISTAR-IUL", by the deadline established in this public notice.

4. Applicants who formalise their application incorrectly or who do not provide evidence of meeting the requirements will be excluded. The selection panel is entitled to request any applicant, in the case of doubt, to submit documents confirming her/his statements.

5. False statements provided by the applicants will be punished pursuant to the law.

VIII. Selection criteria

1. Pursuant to article 5 of Decree-Law number 57/2016, the selection is conducted by the assessment of the scientific and curricular track record of the applicants.

2. The assessment of the scientific and curricular track record is incident on the relevance, quality and up-to-dateness of the scientific contributions of the applicants in the areas referred to in point V, considering:

a) The scientific and technical production of the last five years deemed to be most relevant by the applicant and associated to the subject areas described in point V;

b) The research activities developed in the last five years deemed to be of most impact by the applicant and associated to the subject areas described in point V;

c) The activities related to outreach and dissemination of knowledge developed in the last five years, particularly in the context of promotion of culture and scientific

practices, deemed to be of most relevance by the applicant and associated to the subject areas described in point V.

3. The period of five years referred to in the previous number can be increased by the selection panel, at the applicant's request, when substantiated by suspension of scientific activity for socially protected reasons, namely due to motives of parental leave, prolonged serious illness, and other situations of non-availability for legally supervised work.

IX. Selection methods

1. The selection method used will be curricular assessment.

2. The adopted curricular assessment criteria are as follows:

a) Scientific and technical production in the last five years in the subject areas of the tender (50%). The assessment of this criterion will consider scientific publications – articles in indexed scientific journals, chapters in books, publications in minutes of reputed scientific meetings in the subject areas of the tender – papers at conferences, creation and reinforcement of laboratory resources, authorship and co-authorship of patents and industrial models, organisation of national or international scientific events, and distinctions for national and international scientific activity.

b) Research activities in the last five years in the subject areas of the tender (40%). The assessment of this criterion will consider participation and/or leadership of research projects, and participation in networks and partnerships (national and international).

c) Activities related to outreach, disseminating knowledge developed in the last five years in the subject areas of the tender (10%), namely promotion and monitoring of scientific culture and practices and disclosure of knowledge and research results to society, for academic and non-academic audiences.

3 - The selection panel will conduct the curricular assessment of the applicants in accordance with the adopted criteria, using a scale of integers from 0 to 100, with the final classification being obtained by the average of the scores attributed by each member of the selection panel.

X. Recruitment on absolute merit

Applicants obtaining a grade of 70 points or higher are considered approved in terms of absolute merit, with all the rest excluded from the tender procedure due to the selection panel considering that they do not possess a scientific and professional curriculum revealing a profile suited to the position in question.

XI. Final classification and ordering

The final classification of each application corresponds to the grade obtained in the curricular assessment, with the selection panel drawing up the ordered list of the approved applicants with the respective classification.

XII. Hearing of interested parties

1. The interested parties are entitled to a hearing on the lists of recruited and excluded applicants as well as the list of final classification and ordering of the applicants, pursuant to articles 121 and 122 of the Code of Administrative Procedure, with notification of the interested parties by electronic mail message and publicising on the ISCTE-IUL website.

2. The tender process can be consulted by the applicants at the Human Resources Unit, under the terms indicated in the notification referred to in the previous point.

XIII. Constitution of the selection panel

In conformity with article 13 of Decree-Law number 57/2016, the selection panel is composed of Dr Sara Eloy Cardoso Rodrigues, Director of the Information Sciences and Technologies and Architecture Research Centre (ISTAR-IUL), who chairs, by Dr Nuno Manuel de Carvalho Ferreira Guimarães, Full Professor at ISCTE-IUL and by Dr Ricardo Parreira de Azambuja Fonseca, Full Professor at ISCTE-IUL.

XIV - Non-discrimination and equal opportunity policy

ISCTE-IUL actively promotes a policy of non-discrimination and equal access; therefore, no applicant can be privileged to, benefited from or deprived of any right or exempt from any duty, in particular due to ancestry, age, sex, sexual orientation, marital status, family situation, economic situation, education, origin or social condition, genetic assets, reduced work capacity, disability, chronic disease, nationality, ethnic origin or race, territory of origin, language, religion, political or ideological convictions and union membership.

XV. Pursuant to Decree-Law number 29/2001, of 3 February, a disabled applicant has preference in the event of the same classification as another applicant, which prevails over any other legal preference. Applicants must submit a sworn statement in the application form on their level of disability, type of disability and means of communication/expression to be used in the selection process, under the terms of the aforesaid diploma.

ISCTE-IUL, 18 January 2019, The Rector, Maria de Lurdes Rodrigues