

3 Research Grants Announcement (M/F)

Call open for applications for three Research Scholarships within the framework of project “IBPS - Intelligent Batch Processing System”, with the reference POCI-01-0247-FEDER-069998, co-financed by the European Regional Development Fund (ERDF), through the Operational Programme for Competitiveness and Internationalization (COMPETE 2020), under the PORTUGAL 2020 Partnership Agreement, under the following conditions:

Scientific area: Computer Science/ Informatics Engineering/ Electrotechnical and Computer Engineering/ Management

Admission requirements: Candidates who cumulatively meet the following two requirements can apply for this competition:

Requirement 1:

- To be a student enrolled in a master degree or integrated master or in an integrated master's program who has already completed the 180 credits corresponding to the first six curricular semesters in the area of Computer Science, Informatics Engineering, Electrotechnical and Computer Engineering, Management or related area a requirement to be duly proven at the time of signing the contract.

or

- To be enrolled in a non-academic degree course integrated in the educational project of a higher education institution, developed in association or cooperation with one or more R&D units, a requirement to be duly proven at the time of signing the contract.

Note: In the case of bachelors who are enrolled in non-academic degree courses, the scholarship can only be awarded to those who do not exceed, with this scholarship contract, including possible renewals, an accumulated period of two years in that typology of the scholarship, followed or interpolated.

And

Requirement 2:

- Hold a Bachelor's degree in Computer Science/ Informatics Engineering/ Electrotechnical and Computer Engineering/ Management or related area.

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If the qualification has been granted by a foreign higher education institution, it must comply with the provisions of Decree-Law No. 66/2018, of August 16, and any formalities established therein must be fulfilled by the time of hiring.

Work plan: The work is part of the IBPS project objectives with its core tasks such as process scheduling optimization, concurrent scheduling, forecasting of process characteristics and intelligent fault management in scheduling systems. They will also contribute to the Technical-Scientific Dissemination of the project's results.

Legislation and regulations: Law Nº. 40/2004, of 18th August, in its current wording (Statutes of Scientific Research Fellow) and Regulation of Research Grants of Fundação para a Ciência e a Tecnologia, in force (<https://www.fct.pt/apoios/bolsas/regulamento.phtml.pt>) and Regulation of Research Grants of University of Porto in force.

Workplace: The work will be developed at the Artificial Intelligence and Computer Science Laboratory at DEI/FEUP – Department of Informatics Engineering of the Faculty of Engineering of the University of Porto, under the scientific guidance of Professor Luís Paulo Reis and other member of the project/researcher at FEUP/LIACC.

Grant Duration: Initial duration of 6 months, with the predicted starting date in July 2022, on an exclusive basis, eventually renewable, but not exceeding the project's conclusion date.

If the recruitment procedures do not allow the grant to last for a minimum of 3 consecutive months, in accordance with paragraph 3 of article 6 of the Research Grant Regulations of the Foundation for Science and Technology, I.P. , the scholarship will not be awarded.

The eventual renewal of the scholarship will be carried out as determined in article 6 of the Research Grants Regulation of the Foundation for Science and Technology, I.P.

Stipend: The grant stipend amounts to 875,98 €, according to the table of values of the grants awarded directly by FCT, I.P. in Portugal, and <https://www.fct.pt/apoios/bolsas/valores>. Payment will be made via bank transfer.

Selection Procedure:

Curriculum Evaluation, which will focus on the candidate's merits, in which the following factors will be considered, with the indicated weights, and in which all criteria will be evaluated by the jury on a scale of 0-10:

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F1: Academic training - 40%

F1a) Bachelor's Degree Area - 50% (Bachelor's degree in Informatics Engineering, Computer Science, Electrotechnical Engineering or Management – 10 points, Bachelor's degree in related field – 5 points)

F1b) Final BCs Degree average grade (Bachelor's degree) and Classifications in the Master and/or PhD - 50%

F2: Scientific Publications in Indexed Journals and Conferences - 20%

F3: Previous experience in research work - 20%

F4: Motivation Letter - 20%

The candidate's final classification will be obtained by the formula $CF = 0.4 \cdot F1 + 0.2 \cdot F2 + 0.2 \cdot F3 + 0.2 \cdot F4$, where: $F1 = 0.5 \cdot F1a + 0.5 \cdot F1b$

Scholarships will only be awarded if the selected candidates obtain a final evaluation equal to or greater than 8 values (scale 0-10).

Composition of the Selection Jury:

President — Professor Luís Paulo Gonçalves dos Reis

1st Effective member – Professor Ana Paula Cunha da Rocha

2nd Effective member – Professor Jorge Manuel Gomes Barbosa

1st Substitute member – Professor Brígida Mónica Teixeira de Faria

2nd Substitute member – Professor André Monteiro de Oliveira Restivo

Advertisement of final decision: The results of the evaluation will be released to the candidates by email to the email address indicated in the application process.

Deadline for applications and form of presentation of the applications:

The call is open from **23-06-2022 to 07-07-2022 (until 23h59m, GMT time)** 10 working days.

Applications must be formalized by email to lpreis@fe.up.pt and recursoshumanos@fe.up.pt, clearly stating the reference in the subject (**FEUP-IBPS-BolsaLicenciado**), and including the following pdf documents: Motivation letter, Copy of certificates evidencing academic degree (referring the classification of each separated or integrated degree), Curriculum Vitae; Declaration on honor that the candidate fulfills the requirement contained in article 6 of the Regulation for Research Grants of the Foundation for Science and Technology, I.P. (model below, for student enrolled in a non-academic

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degree course integrated in the educational project of a higher education institution, developed in association or cooperation with one or more R&D units) and other documents considered relevant by the applicant. In order to assure that all documents can be read, the preferred saving format is the Portable Document Format (.pdf).

Declaration on honour

I, (identification of the scholarship holder), holder of the Citizen Card / Visa / Residence Permit no. valid until _____, declare under honour, to be in the conditions of no. 5 of article 6^o of the Research Grants from FCT, IP - Regulation No. 950/2019, of 16 December.

Porto, ____/____/_____

Signature

(Scholarship holder's signature)

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