

**CALL FOR APPLICATIONS FOR 1 RESEARCH GRANT FOR THE PROJECT “EuroCC  
H2020-JTI-EuroHPC-04-2019” ONGOING AT UNIVERSIDADE DO PORTO**

The University of Porto hereby opens this Call for Applications for 1 research grant for the project EuroCC H2020-JTI-EuroHPC-04-2019: HPC Competences Centres-Research and Innovation (Grant Agreement N. 951732) at University of Porto, financed by H2020, Science and Technology Foundation (FCT) and co-financed by the European Regional Development Fund (ERDF) and International Competitive Operational Program (COMPETE 2020), with the following conditions:

**1. Research field / Scientific area:** Computer Science and Engineering.

**2. Admission requirements:**

To apply for the research grant, applicants must comply with the following requirements, for which documentary evidence must be provided:

- a) Bachelor in Computer Science or equivalent\*;
- b) Be enrolled in a Master course in Computer Science and Engineering, or equivalent;

*\* If the candidate holds a doctoral degree awarded by a foreign higher education institution, it must be recognized by a Portuguese higher education institution, in accordance with the provisions of article 25 of Decree-Law no. 66/2018 of 16 August, which approves the legal regime for the recognition of academic degrees and higher education diplomas awarded by foreign higher education institutions and Article 4 (2) (e) of Decree-Law no. 60/2018 of 3 August, and any formalities established therein be fulfilled up to the date of the contracting act.*

**3. Preferred requirements:**

- a) Experience and interest in Software Engineering topics;
- b) Experience in agile software development practices, especially on employing DevOps, continuous integration, and continuous delivery.

**4. Work Plan:**

The purpose of this contract is to perform the following tasks:

- a) State of the art review and analysis of related work regarding the adoption of DevOps practices;
- b) Review of different approaches, frameworks and tools for adopting DevOps practices;
- c) Evaluate the adoption of the practices with software professionals;
- d) Apply the practices in the context of an industrial case study at UPDigital;
- e) Writing of a research paper with the results.

## **5. Applicable Legislation and Regulations:**

The present call is governed by the FCT Regulations for Research Fellowships approved by the Regulation no. 950/2019 (published in the Series II of the DR, of 16th December) or University of Porto Regulations for Research Fellowships approved by the Regulation n.º 184/2021 (published in the Series II of the DR, of 3<sup>rd</sup> March) and by the Research Fellowship Holder Statute (approved by Law no. 40/2004, of 18th of August, in its current version); Decree-Law No. 66/2018 of 16 August (Legal regime for recognition of academic degrees and higher education diplomas awarded by foreign higher education institutions); Code of Administrative Procedure (CPA), approved by Decree-Law No. 4/2015, of January 7.

## **6. Workplace:**

The work will be accomplished at UPDigital, under the supervision of professors Filipe Figueiredo Correia (FEUP) and Fernando Silva (UP).

## **7. Duration:**

The Grant has a duration of 6 months, under an exclusive regime, and it is renewable for a similar period.

## **8. Monthly maintenance allowance amount:**

The monthly maintenance allowance is 875,98€, according to FCT. Payment will be made by Universidade do Porto by bank transference. In addition, the grant holder will be covered by personal accident insurance.

## **9. Evaluation methods:**

Comprises, Curricular Evaluation (CE) and, if the jury finds it necessary, Selection Interviews (SI) to the top 3 candidates in CE. The final classification is obtained with the formula:  $0,6 \times (CE) + 0,4 \times (SI)$ , on scale from 0 to 20/100 points. If there is no interview, the final classification is equal to CE.

The criteria of the curricular evaluation (CE) are:

- a) Final classification of academic habilitations (0 to 4 points);
- b) Adjustment to the scientific area (0 to 3 points);
- c) Experience in agile software development, DevOps, continuous integration and continuous handover (0 to 8 points);
- d) Other competences / relevant experiences (0 to 5 points).

The evaluation criteria of the selection interview (SI), if it takes place, are:

- a) Specific knowledge / competences to be able to realize the workplan (0 to 10 points);
- b) Aptitude and availability (0 to 4 points);
- c) Capacity of expression (0 to 3 points);

d) Motivation to accomplish the activities (0 to 3 points).

*In the event that the selected scholarship holder withdraws, the final ranking list of candidates in this competition may be used until august of 2022 to replace them. If none of the candidates demonstrates that they have the profile indicated to carry out the work plan, the jury reserves the right not to award the scholarship to the competition.*

#### **10. Selection panel:**

President – Fernando Manuel Augusto da Silva, Full Professor, FCUP

1.º Effective member – Filipe Alexandre Pais de Figueiredo Correia, Assistant Professor FEUP

2.º Effective member – Ademar Manuel Teixeira de Aguiar, Associate Professor FEUP

1.º Substitut member – Elisabete Mieiro de Seabra Neves-Dirigente Intermédia de 1º Grau do Serviço Sistemas de Informação do Centro Funcional da UPdigital da Reitoria da Universidade do Porto;

2.º Substitut member – Marco António Ramos Nunes, Dirigente Intermédio de 2º Grau da Unidade de Desenvolvimento e Inovação do Serviço de Sistemas e Informação da UPdigital.

#### **11. Disclosure of the results:**

Evaluation results will be communicated by email to the address provided by the candidates in the application form.

In compliance with the provisions of the Article 121 of the Code of Administrative Procedure (“Código do Procedimento Administrativo”), after being notified, candidates have 10 working days to submit a formal rebuttal.

The final decision will be announced after the analysis of applicants’ arguments presented in the preliminary hearing. Following the final decision, the applicant can file a formal complaint within 15 working days or, alternatively, file an appeal within 30 working days, counting after the communication of the final results. Applicants who choose to file a complaint should address their request to the member of the FCT Board of the Directors with the delegated competence. Applicants who choose to file an appeal must address their request to the FCT Board of Directors.

#### **12. Submission of applications:**

The Call for Applications is **open until of April, 4th 2022.**

Applications and all the supporting documents described in this call must be submitted by email to [candidaturasrh@sp.up.pt](mailto:candidaturasrh@sp.up.pt), with cc to [fmsilva@reit.up.pt](mailto:fmsilva@reit.up.pt), In the subject of the message, please include the reference of the post “**UP | 1 BI | EuroCC**”, in the title, along with the following documents:

The following documents are mandatory, under penalty of exclusion from the Call:

- a) Curriculum vitae, with indication of full name and address;
- b) Motivation letter stating availability to start the workplan;

- c) Copy of required degree certificates and degree recognition if it was obtained in a foreign higher education institution (this recognition document must be provided until the signature of contract);
- d) Proof of enrollment in a master degree (to be provided until the signature of contract);
- e) Proofs of preference conditions (if applicable);
- f) Other documents that the candidates find relevant for his merit appreciation.

*Documents must be attached directly to the application message, without links to external platforms/drives. In order to guarantee the reading of all documents, the preferred recording format is the Portable Document Format (.pdf). The files must be named with the candidate's first and last name and must not exceed, as a whole, 5 MB. These can be compressed in .zip format.*

13. UO promotes a policy of non-discrimination and equal access, thus no applicant may be privileged, benefited, damaged or deprived of any right or exempted from any duty, due to ancestry, age, gender, sexual orientation, marital status, family status, economic status, education, origin or social condition, genetic heritage, reduced work capacity, disability, chronic disease, nationality, ethnicity or race, territory of origin, language, religion, political or ideological beliefs or trade union affiliation.