

1 Research Grant W/F

Call open for applications for a research grant within the framework of project “Safe Cities - Innovation for Building Urban Safety”, with the reference POCI-01-0247-FEDER-041435, 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: Electrical and Computer Engineering, Network Engineering and Information Systems or Informatics Engineering or related area.

Admission requirements: Candidates who meet the following requirements may apply for this grant:

Requirement 1:

- Be a student enrolled in a doctoral program in the aforementioned scientific area, a requirement to be proven at the time of signing the contract.

Or

Requirement 2:

- 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 masters 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

- Hold a master’s degree in the aforementioned scientific area.

If the degree has been awarded by a foreign higher education institution, it must comply with the provisions of the Decree-Law no. 66/2018, of august 16th, and any formalities established there must be fulfilled until the time of signing the contract.

Activity Outline:

The work to be carried out will consist of implementing audio transport in data networks using SDN control or other network control platforms.

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(Profile 77 – Tasks: SP1_A3_T3.1 SP1_A3_T3.2 SP1_A4_T4.1 SP1_A5_T5.2 SP1_A5_T5.3 SP1_A5_T5.4 SP8_A2_T2.1

The tasks can be adjusted depending on its feasibility in the project. All changes implying the grant holder's work in other tasks will be submitted to prior approval of the funding authority – AICEP.)

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](https://www.fct.pt/apoios/bolsas/regulamento.phtml.pt)) and Regulation of Research Grants of University of Porto, in force.

Work place: The work will be developed at the Department of Electrical and Computer Engineering of the Faculty of Engineering of the University of Porto (FEUP), under the scientific supervision of Professor Luís Miguel Pinho de Almeida.

Grant duration: Initial duration of 3 months, with starting date predicted to **July 2022**, on an exclusive basis regime eventually renewable but never exceeding the project duration.

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 1.144,64 euros according to the table of values of the grants awarded by FCT, I.P. in the Country <https://www.fct.pt/apoios/bolsas/valores>. The payment will be made by bank transfer.

Selection procedure:

- Curricular analysis, based in the candidate's merit (maximum 15 points) in which the following factors will be evaluated

- (a) Knowledge on operating data networks and analysing the respective traffic (5 points).
- (b) Experience in the area of communication networks; (up to 1 year - 2 points, more than 1 year - 5 points).
- (c) 1 publication in the area – 2 points, More than 1 publication in the area – 5 points.

The 4 candidates with highest curricular assessment with 10 or more points will be selected for an interview (maximum 5 points)

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The final evaluation results from the sum of the valuation of the factors listed above.

Selection Jury:

President: Professor Pedro Miguel Alves Brandão

Effective member: Professor Luís Miguel Pinho de Almeida

Effective member: Professor Ana Cristina da Costa Aguiar

Supplementary member: Professor Ricardo Santos Morla

Supplementary member: Professor Mário Jorge Rodrigues de Sousa

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 (23h59m, hora local)**

Applications must be formalized by email to lda@fe.up.pt and recursoshumanos@fe.up.pt, should clearly state the reference **FEUP- SafeCities_Perfil77**, and must include Motivation letter, Copy of certificates evidencing academic degree (referring the classification of each separated or integrated degree), detailed 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 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 6º of the Research Grants from FCT, IP - Regulation No. 950/2019, of 16 December.

Oporto, __/__/__

Signature

(scholarship holder)

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