

1 Research Grant Announcement (M/F)

Call open for applications for a research grant within the framework of the activities on Offloading Connectivity via WiFi for Mobile Nodes, financed by FEUP, under the following conditions:

Scientific Area: Computer Science, Wireless Systems

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

Requirement 1:

- Be a student enrolled in a doctoral program in the area of Electrical and Computer Engineering, 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.

and

Requirement 2:

- Hold a master's degree in Electrical and Computer Engineering, or in a similar field.

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:

- Assessing gains of data offloading system using data-based evaluation

- Writing scientific article

- Preparation of SenseMiCity WiFi mobility dataset for publication

Legislation and regulations: Law N.º. 40/2004, of 18th August, in its current wording (Statutes of Scientific Research Fellow) and Regulation of Research Grants of University of Porto.

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 Ana Cristina Costa Aguiar.

Grant duration: Initial duration of **3 months**, with the predicted starting date in February **2022**, on an exclusive basis eventually renewable.

The eventual renewal of the scholarship will be carried out as determined in article 10 of the Regulation of Research Grants of University of Porto

Stipend: The grant stipend varies between 1.104,64€ according to the table of values of the Regulation of Research Grants of University of Porto and 1.504,64€ depending on the profile and previous experience of the candidate in the project area.

The payment will be made by bank transfer.

Selection procedure:

The curriculum (60%) of the candidates will be evaluated based on the merit of the candidate and the following factors will be assessed:

- a) Academic training (Master in Electrical and Computer Engineering, Computer Science or Informatics 10 points; Others Masters – 2 points)
- b) Publications in the area of WiFi connectivity for mobile nodes 5 points, Publications in other areas – 2 points
- c) Research Experience in the project area – 5 points; in related areas – 3 points; Other areas – 1 point

The curriculum of each candidate will be evaluated in a 1-20 points scale. Candidates with less than 14 points in the curricular evaluation will not be invited for the interview.

In the interview (40%) topics related with the work plan, experience and the candidate's CV will be discussed with the invited candidates.

Selection Jury:

President: Professor Ana Cristina Costa Aguiar

Effective member: Ricardo Santos Morla

Effective member: Luís Miguel Pinho de Almeida

Supplementary member: Paulo José Lopes Machado Portugal

Supplementary member: Manuel Alberto Pereira Ricardo

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 **08-01-2022 to 21-01-2022** (until 23h59m, GMT time).

Applications must be formalized by email to anaa@fe.up.pt and to recursoshumanos@fe.up.pt, clearly stating the reference **FEUP- Mobile Nodes** and including the following pdf documents: Motivation letter, Copy of certificates evidencing academic degree (referring the classification of each separated or integrated degree), detailed Curriculum Vitae; 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).