

## 1 Research Grant Announcement (M/F)

Call open for applications for a research grant within the framework of project “**Study of non-idealities and erosion in Hurricane cyclone systems** (isolated and/or batteries)”, funded by Faculty of Engineering of University of Porto, under the following conditions:

**Scientific Area:** Chemical Engineering

**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 Chemical and Biological Engineering, a requirement to be duly proven at the time of signing the contract.

**and**

**Requirement 2:**

-Hold a master’s degree in Chemical Engineering or related 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:** Writing articles about the study done in non-idealities and erosion in Hurricane cyclone systems.

**Legislation and regulations:** Law Nº. 40/2004, of 18th August, in its current wording (Statutes of Scientific Research Fellow) and and Regulation of Research Grants of University of Porto.

**Work place:** The work will be developed at the Department of Chemical Engineering of the Faculty of Engineering of the University of Porto (FEUP), under the scientific supervision of Professor João Bernardo Lares Moreira de Campos.

**Grant duration:** Initial duration of **6 months**, with the predicted starting date in **May 2024**, on an exclusive basis eventually renewable but never exceeding the project duration.

If the contracting procedures do not allow the scholarship to have a minimum duration of 3 consecutive months, in accordance with paragraph 2 of article 10 of the Research Regulation of Research Grants of University of Porto, the grant will not be awarded.

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 amounts to 1.259,64€ according to the table of values of the Regulation of Research Grants of University of Porto. The payment will be made by bank transfer.

**Selection procedure:**

The curriculum of the candidates (50%) will be evaluated based on the merit of the candidate, and the following factors will be assessed:

- a) Academic training (Master in Chemical Engineering - 10 points; Others Masters – 2 points)
- b) Publications in the area of Chemical Engineering 3 points, Publications in other areas – 2 points
- c) Research Experience in the project area – 7 points; in related areas – 3 points; Other areas – 1 point

The curriculum of each candidate will be evaluated on a 1-20 points scale. Candidates with less than 13 points in the curricular evaluation will not be invited for the interview.

In the interview (50%) topics related to the work plan, experience and the candidate's CV will be discussed with the invited candidates.

If none of the candidates achieves a minimum final score of 15 points, the scholarship will not be awarded.

**Selection Jury:**

President: Professor João Bernardo Lares Moreira de Campos

Effective member: Professor Manuel António Moreira Alves

Effective member: Doctor Júlio José da Silva Paiva

Supplementary member: Doctor José Daniel Pacheco Araújo

Supplementary member: Doctor João Mário Rodrigues Miranda

**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 22-04-2024 to 07-05-2024 (until 23h59m, GMT time).

Applications must be formalized by email to [jmc@fe.up.pt](mailto:jmc@fe.up.pt) and to [recursoshumanos@fe.up.pt](mailto:recursoshumanos@fe.up.pt), clearly stating the reference **FEUP- ciclones Hurricane**) 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).