POLITECNICO SETÚBAL

NOTICE OF COMPETITION FOR TWO RESEARCH GRANTS – DOCTORAL STUDENTS IN THE AREA OF COMPUTER ENGINEERING OR RELATED AREAS – SINES NEXUS PROJECT

Bearing in mind Regulation No. 437/2020 on Research Grants of the Polytechnic Institute of Setúbal, published in the 2nd series of the Official Gazette No. 83, of April 28, it is made public that, by order of 20-02-2026 from the President of the IPS, a competition is open for the award of **two Research Grants aimed at carrying out R&D activities** for candidates **enrolled in a PhD program**, **in the area of Computer Engineering or related areas**, within the scope of the Sines Nexus project, financed through IAPMEI - Recovery and Resilience Program, **with the period for receiving applications from 23-02-2026 to 06-03-2026**, in accordance with the following conditions:

1. **Duration of the Scholarship -** The scholarship lasts for three months, is non-renewable, and cannot extend beyond the end of the Sines Nexus project (June 30, 2026).

2. **Recipients -** The scholarship is intended for candidates with the following profile:

   - Students enrolled in master's degrees in computer engineering or related fields.
   - Relevance to those with knowledge of international transport systems and, preferably, in the port area.
   - Good technical and scientific knowledge in mobile development, and/or web programming, and/or human-computer interaction (UX), and/or application of Machine Learning.
   - Sense of responsibility and ability to communicate and integrate into multidisciplinary work teams.

3. **Financial component** - According to the Table, contained in Annex I to the FCT Scholarship Regulation, approved by Regulation No. 950/2019, published in the Diário da República, 2nd series of December 16 (updated version), the value of the Scholarship corresponds to **€ 1309,64** being paid monthly, by bank transfer.

4. **Workplace -** The work will be carried out exclusively at the Marketing and Logistics Department of the School of Business Sciences under the scientific supervision of Professor Rui Madeira or Professor Ana Mendes.

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5. **Activity plan -** The candidate will perform functions in one of the Work Packages (WP) in which IPS is participating:

   - WP1 – Open Data Collaboration Platform and/or;
   - WP3 – Smart Gates and Smart Terminals and/or;
   - WP5 – Smart Logistics

6. **Assessment and ranking criteria:**

   6.1. **Curriculum and Motivational Letter Assessment (CV+ML) – (scale of 0-15 values)**

   a) **Academic training (weighting of 0,30) - maximum 15 values**

Enrollment in a doctoral program in Computer Engineering or related fields	15 val.
Enrollment in a doctoral program in related fields	10 val.

   b) **Analysis of knowledge in digital transformation (weighting of 0,30) - maximum 15 values**

With relevant knowledge and experience in digital transformation applied to the project area (e.g., participation in research & development projects, communications, published articles)	15 val.
Good technical and scientific knowledge in mobile development, and/or web programming, and/or human-computer interaction (UX), and/or application of Machine Learning.	10 val.
With knowledge in digital transformation applied to the project area.	10 val.
With knowledge in digital transformation applied to other areas of interest.	5 val.

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c) General analysis of the Curriculum Vitae (weighting 0,40) - maximum 15 values

Very good	15 val.
Good	10 val.
Satisfies	5 val.
Does not satisfy	0 val.

6.2. Motivation Letter (scale of 0-5 values)

Four the motivation letter, 4 evaluation parameters are defined and their classification results from the following formula: ML=MI+TTK+CS+VEF

- Motivation and Interest (MI)
- Theoretical and Technical Knowledge (TTK)
- Critical Sense (CS)
- Verbal Expression and Fluency, including in English (VEF)

Each parameter is valued from 0 points to 1,25 points according to the candidate's demonstration of competence or behavior.

6.3. The classification of each candidate will be calculated by the sum of the values obtained in the **CURRICULAR EVALUATION** and in the **MOTIVATION LETTER**.

6.4. The classification of each candidate will be calculated by the sum of the values obtained in the selection methods specified in the previous point and the ordering of the candidates will be expressed on a scale of 0 to 20 values, rounded to the nearest tenth.

6.5. For the candidate to be admitted, they must achieve a minimum total classification of 9.5 values and must have obtained at least half of the maximum possible score in Curriculum Assessment method.

6.6. In the event of a tie, the one who achieved the highest rating in the Motivation Letter component will be used as the tiebreaker.

6.7. Based on the final ranking list, a recruitment reserve will be created, which will be used to potentially hire successful candidates in the event of withdrawal from those placed in positions eligible for hiring.

7. **Application documents** - The application must be accompanied by the following documentation:

   - Letter of motivation addressed to the President of the IPS;
   - Candidacy form;
   - Detailed CV;
   - Certificates of qualifications for academic degrees held;
   - Proof of student status for the course and degree attended at a Portuguese Higher Education Institution, issued by the respective academic services;
   - Documents and visas relating to residence in the national territory (for applicants without Portuguese citizenship).

8. **How to submit your application -** The application must be made by filling out the standard form, available on the IPS website, at www.ips.pt, and sent to bolsas.investigacao.dgp@ips.pt or through the address, Campus do IPS, Estefanilha, 2910 761 Setúbal, until the application deadline.

9. **The jury is made up of:**

   President

   Doctor Rui Miguel Gonçalves Neves Madeira, Adjunct Professor at the Setúbal School of Technology/IPS.

   Effective vowels

   Doctor Ana de Jesus Pereira Barreira Mendes, Coordinating Professor at the School of Business Sciences/IPS.

   Doctor Pedro Emanuel Albuquerque e Baptista Santos, Adjunct Professor at the Setúbal School of Technology/IPS.

Substitute members

Doctor Tiago Miguel Santa Rita Simões de Pinho, Coordinating Professor at the School of Business Sciences/IPS.

Doctor Paula Cristina Rodrigues Miranda, Adjunct Professor at the School of Technology of Setúbal/IPS.

10. **Applicable legislation and regulations -** The scholarship is awarded under Law No. 40/2004 of August 18, in its updated version (Statute of the Scientific Research Fellow) and Regulation of Scholarships and Research of the Foundation for Science and Technology, available for consultation at https://www.fct.pt/apoios/bolsas/regulamento.phtml.pt

Instituto Politécnico de Setúbal.

Assinado por: **ÂNGELA MARIA GOMES TELES DE MATOS CREMON DE LEMOS**
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