

NOTICE OF COMPETITION FOR ONE RESEARCH GRANT – DOCTORAL STUDENTS IN THE AREA OF COMPUTER ENGINEERING IN THE DRIVOLUTION PROJECT - TRANSITION TO THE FACTORY OF THE FUTURE

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 **one Research Grant aimed at carrying out R&D activities** for candidates **enrolled in a PhD program, in the area of Computer Engineering**, within the scope of the Drivolution 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 a PhD program in Computer Engineering or related fields.
 - Experience in developing Extended Reality applications.
 - Solid knowledge of User-Centered Design.
 - 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 in the Marketing and Logistics Department of the Faculty of Business Sciences, under the scientific supervision of Professor Rui Madeira or Professor Ana Mendes.
- 5. Activity plan** - Performing tasks within the scope of activity “A4. Predictive maintenance and interactive augmented reality-based manuals” of the Drivolution project, notably:
 - T3. Development of Intelligent User Manuals based on Augmented Reality following a User-centered design.
 - T4. Integration in the platform

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In addition to tasks such as:

- Supervision of work carried out by scholarship holders enrolled in master's programs.
- Participation in meetings and project dissemination activities (e.g., writing scientific papers).

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	15 val.
Enrollment in a doctoral program in related fields	10 val.

b) Analysis of knowledge in specific areas (weighting of 0,30) - maximum 15 values

Experience in developing Extended Reality applications	15 val.
Solid knowledge of User-Centred Design	10 val.
Basic knowledge of Extended Reality application development	10 val.

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.

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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.

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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 Patrícia Alexandra Pires Macedo, Assistant Professor at the Setúbal School of Technology/IPS.

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

Substitute members

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

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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
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