



# UAlg

UNIVERSIDADE DO ALGARVE

**NOTICE NO. 025/2026**

**COMPETITION FOR THE AWARD OF A GRANT, IN ACCORDANCE WITH THE PROVISIONS OF THE RESEARCH GRANT REGULATIONS OF UNIVERSIDADE DO ALGARVE.**

**TITLE: 1 Research Grant – Bachelor of Science**

A competition is open for the award of one (1) Research Grant – Bachelor of Science within the scope of the R&D Project ALGARVE-FEDER-02968400 - SIRING - 24518 - "Intelligent system for the reduction of food and industrial waste, using IoT sensors, Machine Learning and Gamification", funded by program PT2030-SIID - I&D Empresarial – Copromoção, under the following conditions:

1. **Scientific Area:** Computer Engineering.

2. **Admission Requirements:** Bachelor of Science in Computer Engineering or similar. Preference is given to candidates with strong knowledge in: Fluency in spoken and written Portuguese; Knowledge and experience in preparing technical reports, including research and investigation into the state of the art in the project areas; Knowledge and experience in Optimization and Machine Learning Algorithms; Knowledge and experience in programming languages and computational tools, namely Java, Python, SQL, JavaScript, React, HTML, CSS/Bootstrap, C, C#, Git; Knowledge and experience in sensor networks and IoT platforms.

Taking into account paragraphs 1 and 2 of Article 5, Research Grants, of the University of Algarve Grants Regulations:

"1. Research grants, hereinafter referred to as BI, are intended for R&D activities by students enrolled in an integrated master's degree, a master's degree or a doctorate, with a view to consolidating their scientific training through the development of research work leading to the award of the respective academic degree, whether or not integrated into R&D projects.

2. The scholarships referred to in this article may also be intended for the performance of R&D activities by graduates or masters enrolled in non-degree courses integrated into the educational project of a higher education institution, developed in association or cooperation with one or more R&D units."

3. **Project Objectives:** the work to be carried out consists of supporting the work foreseen in the SIRING project - "Intelligent system for reducing food and industrial waste, using IoT sensors, Machine Learning and Gamification". The objectives of this work consist of: a) Development of systems for identifying waste by means of imaging, with optimization of waste management, which includes collection, treatment and promotion for its reduction; (b) support the research and development of the software and hardware required for the SIRING project.

4. **Applicable Legislation and Regulations:** Research Fellow Statute, approved by Law No. 40/2004 of August 18, as amended by Decree-Law No. 65/2024 of October 1, and the University of Algarve Research Grant Regulations (<https://files.dre.pt/2s/2021/10/210000000/0013700149.pdf>).

5. **Workplace:** The work will be developed in the Project Laboratory, in the Instituto Superior de Engenharia in the University of Algarve, under the scientific guidance of Professor Jorge Semião.

6. **Duration of grant(s):** The grant will last for 12 months, starting in May 2026. The grant contract may be renewed until the end of the project, taking into account the University of Algarve Research Grant Regulations. (<https://files.dre.pt/2s/2021/10/210000000/0013700149.pdf>).

**7. Monthly maintenance allowance amount:** The monthly maintenance allowance is €1,090.98. The maintenance allowance will be paid monthly by bank transfer. (<https://www.fct.pt/wp-content/uploads/2026/03/Tabela-de-Valores-SMM-2026.pdf>).

**8. Candidate evaluation:** : In accordance with the provisions of Article 11.2 of the University of Algarve Research Grant Regulations, the evaluation of candidates will be based solely on the following criteria: merit of the candidate, with a value of 60%; merit of the training plan, with a value of 20%, and the evaluation process may include an interview to be carried out by the candidates or part of them, which will have a weight of 20%.

**9.** The evaluation process may include an interview with the candidates or a portion of them, to be selected by the Evaluation Panel, which will have a maximum weighting of 20%.

**10.** Composition of the Application Evaluation Board: The Application Evaluation Board is composed of three full members and one alternate (all PhDs):

- (President) Prof. Doctor Jorge Filipe Leal Costa Semião, Coordinating Professor of ISE-UAlg;
- (Full member) Prof. Doctor Roberto Célio Lau Lam, Adjunct Professor at ISE-UAlg;
- (Full member) Prof. Doctor Jaime Afonso Carvalho Martins, Adjunct Professor at ISE-UAlg;
- (Alternate Member) Prof. Doctor Paulo Silva, Adjunct Professor at ISE-UAlg;

**11. Publication/Notification of Results:** The final evaluation results will be published through a list ordered by final grade posted in a visible and public place in the building of the Instituto Superior de Engenharia in UAlg, Campus da Penha, and the approved candidate will be notified by email.

**12. Application Deadline and Submission Method:** The competition is open from **23/04/2026 to 07/05/2026**.

**13. Applications must be accompanied by the following documents:**

- a) Official identification document (simple copy or legal equivalent). Applicants of non-Portuguese nationality must present a residence permit, permanent residence certificate, or long-term resident status, valid on the scholarship start date. Any of these may be replaced, in its absence, by a declaration of honor by the candidate. However, this must be submitted during the scholarship contracting phase, under penalty of forfeiture of the scholarship award;
- b) Curriculum Vitae;
- c) Copy of the qualification certificates for the academic degrees held, specifying the final grade and, if possible, the grades obtained in all courses taken;
- d) Other documents deemed relevant due to the type and modality of the scholarship.
- e) The Application for Application to the Competition, dated and signed, must be addressed to the President of the Competition Evaluation Panel, <https://www.ualg.pt/sites/default/files/documentos/2022-12/anexo-iii-requerimento-para-candidatura-bolsa-pt.pdf>, for the following address: Prof. Doutor Jorge Semião, Universidade do Algarve / Instituto Superior de Engenharia, Campus da Penha, 8005-139 Faro, or by email to [jsemiao@ualg.pt](mailto:jsemiao@ualg.pt), Ref.<sup>a</sup> Project ALGARVE-FEDER-02968400 - SIRING - 24518. In the aforementioned application, **you must expressly consent to all notifications related to the bidding process being sent to the indicated email address.**

**14. Documents to be submitted for the scholarship agreement:**

- a. Individual Taxpayer Registry (INV) information, if the applicant is a nationality other than Portuguese, must be submitted during the scholarship agreement process, under penalty of forfeiture of the scholarship award;
- b. Documents proving that the applicant meets the requirements for the respective type of scholarship, namely, proof of enrollment and registration and the study cycle or course that does not confer an academic degree;
- c. Declaration of the advisor(s) assuming responsibility for supervising the work plan, in accordance with Article 5-A of the Research Scholarship Statute, as well as guaranteeing the necessary conditions for the successful development of the work and compliance with the duties set forth in Article 13 of the Research Scholarship Statute;
- d. Declaration of Commitment to the Exclusive Dedication Regime.

#### **15. Deadlines and Procedures for Complaints and Appeals:**

Candidates may, if they so wish, comment on the draft decision to award the requested scholarship, at a hearing for interested parties within 10 business days, under the terms and for the purposes set forth in Article 121 of the Code of Administrative Procedure.

Candidates have the right to complain to the evaluation panel within 10 business days regarding the commission or omission of any act.

An appeal may be filed against the final decision of the application evaluation panel to the Rector within 10 business days of notification.

#### **16. Scholarship Contract:**

After receiving all required documentation, a scholarship contract will be signed with the selected candidate(s) in accordance with the attached template.

#### **17. Evaluation of Fellow(s):**

At the end of each fellowship contract period, the advisor will evaluate the fellow(s)' work by applying the following criteria, in accordance with the attached model: Compliance with working hours and attendance; Compliance with the work plan, namely in: Development of systems for identifying waste through imaging, with optimization of waste management, which includes collection, treatment and promotion for its reduction; To support the research and development of the software and hardware necessary for the SIRING project.

The University of Algarve reserves the right to cancel the scholarship award procedure, within the scope of the aforementioned Project, whenever funding does not materialize or the scholarship duration exceeds the project completion date.

University of Algarve, April 15, 2026

The Principal Investigator

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Prof. Doctor Jorge Filipe Leal Costa Semião