

PUBLIC NOTICE

Call for allocation of a Scientist Scholarship

Reference: BII/FhP-25/06

The call for allocation of a *Research Integration Grant* for a Student attending a Bachelor's degree is open and subject to the following conditions:

1. **General scientific field:** Engineering.
2. **Specific scientific field:** Informatics and Computing Engineering or Electrical and Computer Engineering.
3. **Admission Requirements:** i) Student attending an academic Bachelor's degree in the scientific field mentioned above; ii) Knowledge of frontend development; iii) Good programming skills with JavaScript; iv) Proficiency in English and excellent communication skills and teamwork.
4. **Work Plan:** The student will conduct research within the Connected Things (Cyber-Physical Systems) group and contribute to the development of Fraunhofer's ongoing projects. Responsibilities will include developing and supporting web services primarily using Spring Boot, frontend development with React, and deploying services. All tasks must comply with the established security standards of the project. The student should have experience with front-end development using JavaScript or other web/multi-platform languages, which is also valued.
 - 4.1. **Tasks:**
 - Familiarisation with the currently ongoing project(s) and codebase.
 - Understand the service architecture and workflow.
 - Enhance existing solutions and implementations.
 - Contribute to the ongoing project by developing new features.
 - Develop or improve a support front-end for the existing infrastructure.
 - Conduct performance improvements, tuning, and testing.
 - Keep up-to-date documentation of all new developments and fixes.
5. **Applicable law and regulation:** Portuguese Statute of the Scientific Research Scholarship Holder [*"Estatuto do Bolseiro de Investigação Científica"*], approved by Law no. 40/2004, of August 18, amended by Decree-Law no. 202/2012, of August 27, Law no. 12/2013, of January 29, Decree Law no. 89/2013, of July 9 (hereinafter referred to as the "Statute"), Law no. 123/2019, of August 28 and the Research Scholarships' Regulation of Associação Fraunhofer Portugal Research (hereinafter referred to as the "Regulation").

6. **Place of work:** Fraunhofer Portugal AICOS, Porto, Portugal, under the scientific supervision of Doctor Filipe Sousa.
7. **Scholarship's Duration and Regime:** The scholarship shall have a duration of 3 months, eventually renewable for equal periods of time or until the term of the project, with an estimated starting date on July 2025, according to article 13 of the Regulation and article 3 of the Statute, under exclusivity regime, except for the exceptions expressly set out in nos. 3 and 4 of article 5 of the referred Statute.
([https://www.fraunhofer.pt/content/dam/portugal/fhp/careers/grants/Regulamento Bolsas Fraunhofer Portugal Research 2021.pdf](https://www.fraunhofer.pt/content/dam/portugal/fhp/careers/grants/Regulamento_Bolsas_Fraunhofer_Portugal_Research_2021.pdf))
8. **Amount of the monthly maintenance allowance:** The amount of the scholarship corresponds to €651,12 as per table of amounts of the scholarships of Associação Fraunhofer Portugal Research (https://www.fraunhofer.pt/content/dam/portugal/fhp/careers/grants/regulamento_bolsas.pdf). The payment of the scholarship shall be made on a monthly basis by wire transfer.
9. **Selection Procedures:** The selection procedures to be used shall be made based on the following parameters:
A – Current average in the Bachelor's degree; B – Alignment of academic choices with the work to perform; C – Curriculum evaluation in accordance with the objectives of the project. The following percentage weighting shall be given to the selection parameters: $0,2 \times A + 0,3 \times B + 0,5 \times C$.
10. **Composition of the selection panel:** Chairman: Doctor Filipe Miguel Monteiro da Silva e Sousa; Permanent Members: Doctor Waldir Aranha Moreira Júnior and Doctor Luís Filipe Caeiro Margalho Guerra Rosado.
11. **Publication/notification of the results:** The final evaluation results shall be published in a list ordered by the final score and posted in a visible and public place at Fraunhofer, Portugal. The approved applicant shall be notified by email.
12. **The opening period of the call:** The call is open from 05-06-2025 to 18-06-2025.
13. **Documents and deadlines for application:** Applications must be submitted by means of an application email with the following documents: *Curriculum Vitae*, required qualifications certificate, and other evidencing documents deemed relevant.
Applications should be delivered during the call's opening period, sent by email with acknowledgment receipt to jobs@fraunhofer.pt, in *pdf* format, by 11:59 p.m. June the 18th 2025.