

**CALL FOR 1 RESEARCH GRANT FOR A BACHELOR WITHIN THE SCOPE OF THE
PROJECT BCI4ALL | Refª IPT-BCI4ALL-BIL-1**

Application period: 25-Aug-2026 to 8-Sept-2026

The Polytechnic Institute of Tomar (IPT) opens a call for applications for one (1) Research Grant for a Bachelor (BIL) **enrolled, or willing to enroll, in a MSc or a non-degree course** within the scope of the BCI4ALL project, co-funded by national funds through the Portuguese Foundation for Science and Technology, I.P. (FCT) under reference **2023.17977.ICDT** (<https://doi.org/10.54499/2023.17977.ICDT>), and through the COMPETE 2030 Programme via the European Regional Development Fund, under reference **COMPETE2030-FEDER-00842800**, in the following conditions:

Type of Grant: Research Grant for a Bachelor (*Bolsa de Investigação para Licenciado*), in accordance with article 6 of the Regulation for Research Fellowships of the *Fundação para a Ciência e a Tecnologia* (FCT), I.P.

Number of positions: 1

Scientific Area: Computer Science, Computer Engineering or closely related area.

Admission requirements and candidate profile:

- 1) The candidate must hold a Bachelor's degree in Computer Science, Computer Engineering, or a closely related area.
- 2) The selected candidate must be enrolled in one of the following:
 - a) a non-degree-awarding course at the Polytechnic Institute of Tomar that complies with the requirements established in the applicable research fellowship regulations and is relevant to the activities defined in the fellowship work plan; or
 - b) a Master's degree program at the Polytechnic Institute of Tomar, enrolled in the 2nd year, with a dissertation or project topic aligned with the scientific area and work plan of this call;

The candidate must meet the eligibility criteria established by the FCT and I.P. regulations, in their current versions

(https://www.fct.pt/wp-content/uploads/2026/01/RBi_Republicado_2025.pdf).

“Courses not conferring an academic degree” must be related to the research fellowship's activity type. “Courses not conferring an academic degree” are the courses referred to in article 4, paragraph 3, letter e) of Decree-Law no. 74/2006, of 24 March, in the current wording, provided that they are developed in association or cooperation between the higher education institution and one or more R&D units, in accordance with the provisions of article 3, paragraph e) of the FCT Regulation for Research Fellowships.

- 3) The candidate should demonstrate knowledge of Software Engineering, Machine learning and Python development;
- 4) Given that the research activities involve interaction with patients and their families, proficiency in spoken and written Portuguese is an essential admission requirement.
- 5) Candidates must have good knowledge of English, both written and spoken, for the proper scientific dissemination of results.

Work plan: The selected candidate will join the BCI4ALL research team and contribute to the design and implementation of brain-computer interfaces to support communication by people with severe motor disability, including their possible integration with eye-tracking systems. The BCI system will be developed in Python environment using appropriate Python frameworks and wearable electroencephalography (EEG) devices. The system is expected to provide the usability and remote-monitoring capabilities required for use in patients' homes.

Regime: The attribution of the fellowship does not generate or entitle a relation of a legal-labour nature, and the fellowship is undertaken in an exclusive dedication regime. The fellowship holder is awarded the Fellowship Statute, in its current wording, according to the Research Fellowship Holder Statute, and according to the Regulation for Research Fellowships of the Fundação para a Ciência e a Tecnologia, I.P., both in their current wording.

Regulation: This call process shall comply with the applicable national legislation and regulations governing research grants, namely the Research Fellowship Holder Statute (*Estatuto do Bolseiro de Investigação*), approved by Law no. 40/2004 of 18 August, in its current wording, and the Regulation of Research Fellowships of the FCT (*Regulamento de Bolsas de Investigação*) in force whenever the grant is directly or indirectly funded by FCT.

Location: The works will take place at the Polytechnic Institute of Tomar.

Duration: 6 months, possibly **renewable**, by agreement between both parties. In accordance with article 6, paragraph 4, letter a) and b) of the FCT Regulation for Research Fellowships, the grant cannot exceed a period of 12 months for a candidate enrolled in a non-degree course or 24 months for a candidate enrolled in Master.

Scientific orientation: Professor Gabriel Pires and Professor Luís Almeida.

Financial conditions: The amount of the fellowship is **€ 1090.98**, in accordance with the table of values of the scholarships awarded directly or indirectly by FCT in Portugal (<https://www.fct.pt/wp-content/uploads/2026/03/Tabela-de-Valores-SMM-2026.pdf>), to be paid by bank transfer, plus personal accidents insurance and social security (Seguro Social Voluntário, first level contributions) if the applicant chooses to subscribe.

Selection and attribution criteria: The selection methods to be used will be **(a) Curricular Evaluation**, with a valuation of 70% for academic overall merit and 30% for the degree of satisfaction and motivation for the project. If the Jury deems it necessary, an interview may be carried out with the candidates placed in the first three positions according to the ranking resulting from the above criteria. In this case, the final score will include the **(a) Curricular Evaluation**, with a valuation of 80%, and **(b) Interview**, with a valuation of 20%. If none of the candidates has the appropriate profile (overall assessment below 60%), the scholarship will not be awarded.

Jury responsible for selection:

- President: Professor Gabriel Pereira Pires ;
- 1st Member: Professor Luís Agnelo Almeida ;
- 2nd Member: Professor Ana Cristina Barata Lopes.

Formalization of application: Applications must be formalized by sending the following elements:

- (1) Letter of motivation — **mandatory**;
- (2) Curriculum Vitae (CV) — **mandatory**;
- (3) Copy of the Certificate of Qualifications (Bachelor degree) with the final average, together with an academic transcript listing the grades obtained in all curricular units — **mandatory**;
- (4) Proof of enrollment in a Master or a non-degree course at the Polytechnic Institute of Tomar. Candidates currently enrolled in a Master's degree programme must also submit an up-to-date academic transcript listing all grades obtained — **mandatory**;
- (5) A declaration under honour by the candidate listing any fellowships received, their type and duration — **mandatory if the candidate has received any fellowships in Portugal**.

Applicants with academic degrees obtained abroad will be required to present a Certificate of Recognition in accordance with applicable law. This document is mandatory only in the contractualization phase.

Application submission: The applications shall be sent by email to gaii@ipt.pt with CC: gppires@ipt.pt and laa@ipt.pt specifying in the subject: Ref.^a IPT-BCI4ALL-BIL-1.

Submission of applications: The application process is open from **25-August-2026 until 08-September-2026**.

Form of publicity / notification of the results: The results of the evaluation will be publicized at the IPT website through a list ordered by the final grade obtained, with the candidates being notified by email. After the dissemination of the results through email, the candidates must consider themselves, from the outset, notified to, if they wish, express themselves in a prior hearing within a maximum period of 10 working days after that date. At the end of this period, the selected candidate must consider himself summoned to start the grant.