

SCHOOL OF MUSIC AND PERFORMING ARTS OF  
POLYTECHNIC UNIVERSITY OF PORTO (ESMAE - P.PORTO)

ANNOUNCEMENT FOR THE AWARD OF TWO RESEARCH SCHOLARSHIPS

CONTINUOUS AND PERSONALIZED MULTI-DISTANCE BINAURAL PROJECT

REF: PROJETO IDT PT2030 #25955

A call is open for 2 research grants, under the Continuous and Personalized Multi-Distance Binaural Project, developed in co-promotion between Sound Particles and ESMAE, approved by ANI – Agência Nacional de Inovação and funded by COMPETE2030, PT2030 E FEDER, under the following conditions:

1. SCIENTIFIC AREA

Psychoacoustics – Spatial and binaural audio

2. ADMISSION REQUIREMENTS

2.1 –General admission requirements for the research grant:

- a) National of Portugal or national of another Member State of the European Union;
- b) National of a third country;
- c) Stateless person or beneficiary of political refugee status;
- d) **Holder of a Bachelor's degree or legally equivalent qualification;**
- e) **Student enrolled in a Master's programme aiming to consolidate their scientific training through the development of research work leading to the award of the respective academic degree, integrated or not in R&D projects.**

2.2 Specific requirements:

- a) **Enrolled in a Master's programme in the fields of: Sound and Music Technologies; Audio Engineering; Acoustics; or related areas considered appropriate to the work plan.**

3. WORK PLAN

To collaborate in the following work plan of the project:

- a) Definition and implementation of the experimental protocol for personalized multi-distance binaural measurements;
- b) 3D digitization of the ears and creation of individualized acoustic models;
- c) Development of the method for measuring and analyzing continuous binaural perception as a function of distance;
- d) Design of the experimental setup and construction of the reference dataset;
- e) Integration and validation of the method in prototypes within a controlled real environment;
- f) Performance evaluation, feedback collection, and iterative optimization of the prototypes.

#### 4. APPLICABLE LEGISLATION AND REGULATIONS

- Law No. 40/2004, of August 18, as amended by Decree-Law No. 202/2012, 27th of August, by Decree-Law No. 233/2012, of 29th of October, by Law No. 12/2013, of 29th of January, by Decree-Law No. 89/2013, of 9th of July, and by the Decree-Law No. 123/2019, of 28th of August.
- Article 37 of Decree-Law No. 63/2019, of 16th May.
- FCT Research Grants Regulation, I. P., No. 950/2019, of 16th of December, altered by Regulation No. 643/2021, of 14th of July.
- PORTO's Research Grants Regulation (P.PORTO/P-001/2020), approved by the Order P.PORTO-P-015-2020, of 18th of May.

#### 5. SCIENTIFIC SUPERVISION AND WORKPLACE:

Scientific Coordinator: Professor Marco Paulo Barbosa Conceição, Adjunct Professor at the School of Music and Performing Arts of the Polytechnic of Porto.

#### 6. SCIENTIFIC SUPERVISION AND WORKPLACE:

Scientific Supervisors: Inês Salselas, PhD and Gustavo Almeida, PhD

The work will be carried on the facilities of the School of Music and Performing Arts of the Polytechnic University of Porto.

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Website: <https://www.esmae.ipp.pt>

## 7. WORKING PERIOD AND SYSTEM

Scholarship contract for 12 months, potentially renewable for periods of 6 months, up to the limit of **the project's execution period, on an exclusive basis**, in accordance with the applicable regulations.

## 8. AMOUNT OF MONTHLY ALLOWANCE

**The amount of the grant corresponds to € 1.040,98**, according to FCT's table ([click here for the table](#)), paid monthly, plus the reimbursement of the voluntary social insurance (SSV), amounting to € 158,99 per month, in accordance with the regulations (membership of the SSV is up to the scholarship holder).

## 9. METHOD OF SELECTION AND COMPOSITION OF THE JURY

### 9.1. Methods of candidate selection:

The selection methods will be in accordance with the following selection criteria and respective scores:

CRITERION A - Curriculum evaluation, weighted at 50%

Subcriterion A1 – **Academic qualifications (Bachelor's degree in Computer Engineering, Music – Music Production, Music Technologies, or related scientific fields)**;

Subcriterion A2 – Relevant prior experience, namely in areas such as music production, composition, sound design, or other related fields;

Subcriterion A3 – Relevant prior experience in computer engineering, programming, or related fields;

Subcriterion A4 – Knowledge in psychoacoustics, experimental methods and data collection, audio, music computing, or other related fields.

Classification criterion A = (25% x A1) + (25% x A2) + (25% x A3) + (25% x A4)

CRITERION B – Interview, weighted at 50%

Interview, with a weighting of 50%, to be conducted with the four candidates with the highest ranking under Criterion A.

FINAL CLASSIFICATION = (50% x A) + (50% x B)

### 9.2 – Tiebreaker Criteria:

In situations of an even final classification, the following tie-breaking criteria shall be applied, in descending order:

- a) Having a higher classification in criterion B.
- b) Having a higher classification in sub-criterion A1.
- c) If the tie still stands, the tie-breaker will be made by a vote of the members of the jury, with the chairman of the jury having the casting vote in the event of a new tie.

#### 9.3 – Reasons for exclusion of applicants:

Candidates may be excluded from the competition for the following reasons:

- a) Not holding the requirements set in the announcement of the competition (point 2.).
- b) Obtaining a score of less than 9.5 in any of the evaluation components are considered excluded from the competition and will not be evaluated in the subsequent component(s).
- c) Non-attendance of the applicant to the interview, when applicable, or his/her unwillingness to provide any additional clarifications that may be requested, will be deemed as a withdrawal from the application process.

#### 9.4 – Composition of the Selection Jury:

President - Inês Salselas, PhD

Effective Member – Gustavo Almeida, PhD, who substitutes the president in his absences and impediments

Effective Member – Diogo Franco, PhD

Alternate Member – Dimitrios Andrikopoulos, PhD

Alternate Member – Telmo Marques, PhD

#### 10. PUBLICATION/NOTIFICATION OF RESULTS

Applicants will be electronically notified of the competition results, through the e-mail address registered in the application, in accordance with the deadlines set forth in the P.PORTO Research Grant Regulations, and the minutes are obligatory stored by the jury in the support platform of this competition: <https://domus.ipp.pt/concursos/esmae/pessoal/>

## 11. PERIOD OF APPLICATION AND SUBMISSION FORM

### 11.1. Period of application

The call is open for a period of 10 working days, from 11/03/2026 to 24/03/2026.

Date of publication: 10/03/2026.

### 11.2. Form of submission of applications

Applications must be submitted by completing the electronic application form available at <https://domus.ipp.pt/concursos/esmae/pessoal/> and submitting it, together with the remaining required documents, by the end of the established deadline.

Applications sent by e-mail or by any other electronic means other than the established one, will be excluded.

### 11.3 Application instruction documents

- 1) *Curriculum Vitae*
- 2) Certificates of qualifications, or the corresponding recognition (with conversion of the respective final classification) when it awarded by foreign higher education institutions, without prejudice to the provisions of paragraph 1 of the following point.
- 3) **Proof of enrolment in a Master's programme, without prejudice to the provisions set out in paragraph 2 of the following point;**
- 4) Declaration by the applicant stating, under honor, statement that:
  - a. He/she is aware of the Research Grant Regulations of P.PORTO in force and commits to comply with it;
  - b. Does not exceed, with the conclusion of the grant contract in question, the maximum period legally established, consecutive or non-consecutive.
- 5) Other documents that the candidate considers relevant.

### 11.4. Application Documents: Specific Conditions

The supporting documents referred to in number 2 of the previous paragraph of the type:

- 1) Academic degree(s) and diploma(s), or the corresponding recognition when awarded by foreign higher education institutions - mandatory whenever the title of degree is a condition for admission or selection criterion for Applicants, but may be waived in the application

phase and replaced by a declaration of honor by the applicant, in cases where this condition only occurs at the stage of contracting the grant.

- 2) Proof of enrollment in a study cycle leading to an academic degree or in a non-degree course, if he/she is not a student of P.PORTO - mandatory whenever the enrollment is a condition for admission, being that the grant will be subject to the existence of a valid enrollment within six months from the date of notification of approval in scientific evaluation.

## 12. DEADLINES AND PROCEDURES FOR COMPLAINTS AND APPEALS

From the final decision a complaint may be presented within 15 working days, or an appeal to the President of the ESMAE within 30 working days. Both may be presented after the corresponding notification, under the terms of article 12 of the P.PORTO's Research Grant Regulation.

## 13. EXPENDITURE AUTHORIZATION

Request for Expense Authorization No. 2026 CAB04 74

Project Reference: PROJETO IDT PT2030 #25955

Project title: CONTINUOUS AND PERSONALIZED MULTI-DISTANCE BINAURAL PROJECT

This notice will be published on the website of ESMAE and EURAXESS.

5 March 2026 —The President of the School of Music and Performing Arts, Marco Conceição.

Attached:

- 1) Model of the scholarship contract
- 2) Model of the Scholarship Holder's Report and evaluation of the Scientific Advisor

## CONTRATO DE BOLSA

ENTRE:

**PRIMEIRO: A Escola Superior de Música e Artes do Espetáculo (ESMAE) do Instituto Politécnico do Porto (P.PORTO)**, com sede em Rua (...), Porto, n.º de identificação de pessoa coletiva **número**, representado neste ato pelo Professor Doutor Marco Conceição, na qualidade de Presidente da ESMAE, adiante designado por “Primeiro Outorgante”, e

**SEGUNDO: (Nome)**, portador do Cartão de Cidadão n.º (...) e do n.º de identificação fiscal (...), com **Ciência ID (...)** e **Código ORCID (...)**, residente na Rua (...), código postal (...), adiante designado por “Segundo Outorgante”,

É celebrado de boa-fé, e reciprocamente aceite, o presente contrato de bolsa de investigação, suportado pelo **PAD N.º (...)**, ao abrigo do Estatuto do Bolseiro de Investigação e do Regulamento de Bolsas de Investigação do Instituto Politécnico do Porto, que se rege pelas seguintes cláusulas:

### CLÁUSULA PRIMEIRA

O Primeiro Outorgante compromete-se a conceder ao Segundo Outorgante uma (...), no âmbito do Projeto (...), supervisionado/coordenado por (...) **do Politécnico do Porto**, com início a (...), pelo período de **6 meses**, eventualmente renovável, não podendo a duração total do contrato exceder **dois anos** (n.ºs 2 e 3 do artigo 3.º do Estatuto do Bolseiro de Investigação, em conjugação com o disposto na alínea b) do n.º 4, artigo 6.º do Regulamento de Bolsas do IPP) e, cumulativamente, a data de termo do projeto de financiamento.

## CLÁUSULA SEGUNDA

O Segundo Outorgante obriga-se a realizar o plano de trabalhos descrito no processo de candidatura, de cujo conteúdo declara ter tomado conhecimento integral e aceitar sem reservas, a partir da data de início acima referida e em regime de dedicação exclusiva conforme Estatuto de Bolseiro de Investigação.

## CLÁUSULA TERCEIRA

O Segundo Outorgante realizará os trabalhos no âmbito da atividade do projeto mencionado na cláusula primeira, nas instalações e Unidade de I&D aí mencionados, tendo como orientador científico a **Prof. Doutor (nome)** e como coordenador o **Prof. Doutor (nome)**.

## CLÁUSULA QUARTA

1. O valor mensal da bolsa a atribuir ao Segundo Outorgante é de **€ 990,98**.
2. O valor mensal da bolsa poderá ser atualizado anualmente, de acordo com o disposto no Regulamento de Bolsas de Investigação do P.PORTO.
3. Ao valor mensal dos números anteriores, acresce o reembolso do Seguro Social Voluntário, conforme legislação em vigor.

## CLÁUSULA QUINTA

O Primeiro Outorgante poderá rescindir o presente contrato nos casos a seguir indicados:

- a) Incumprimento grave e reiterado dos deveres do Segundo Outorgante por causa que lhe seja imputável, designadamente não atingir os objetivos estabelecidos no plano de trabalhos aprovado;
- b) Quando se verificar que o bolseiro prestou falsas declarações.

- c) Noutros casos previstos no Regulamento de Bolsas de Investigação do P.PORTO ou no Estatuto do Bolseiro de Investigação

### **CLÁUSULA SEXTA**

Sem prejuízo do disposto na cláusula anterior, este contrato cessa automaticamente com a conclusão do plano de atividades, com o decurso do prazo pelo qual a bolsa é atribuída, com a revogação por mútuo acordo, com alteração das circunstâncias ou com a constituição de relação jurídico-laboral com a entidade de acolhimento.

### **CLÁUSULA SÉTIMA**

É subsidiariamente aplicável o Regulamento de Bolsas de Investigação do Instituto Politécnico do Porto em vigor na data do contrato, do qual o Segundo Outorgante declara ter conhecimento.

### **CLÁUSULA OITAVA**

1. O Segundo Outorgante compromete-se a manter confidenciais, durante e após o termo do presente contrato, as informações, estudos e projetos conhecidos do Primeiro Outorgante, com a exceção dos necessários para a execução e disseminação do plano de trabalhos da bolsa, sempre de acordo com as indicações do(s) Orientador(s) Científico(s).
2. O Segundo Outorgante declara ter conhecimento e aceitar as disposições e instrumentos previstos no Regulamento de Propriedade Intelectual do Instituto Politécnico do Porto, nomeadamente a aceitação do previsto no seu Artigo 6º.

### **CLÁUSULA NONA**

Convencionam-se, por acordo entre as partes, que em caso de necessidade e para dirimir todas as questões emergentes do presente contrato será competente o Centro de Arbitragem Administrativa, com expressa renúncia a qualquer outro.

## CLÁUSULA DÉCIMA

Qualquer alteração a introduzir no contrato no decurso da sua execução ou eventual renovação do mesmo será objeto de acordo prévio sob forma escrita.

**Porto, dia mês ano**

### **O Primeiro Outorgante**

(O Presidente da ESMAE, Prof. Doutor Marco Conceição)

### **O Segundo Outorgante**

(O Bolseiro, nome)

Pedido de Autorização de Despesa n.º **NÚMERO**  
Compromisso n.º **NÚMERO**

## RELATÓRIO DO BOLSEIRO E AVALIAÇÃO DE ORIENTADOR

Tipo de relatório: Preliminar  Final

Nome do Bolseiro: \_\_\_\_\_

Nome do Orientador: \_\_\_\_\_

Referência Bolsa: \_\_\_\_\_

Unidade de I&D: \_\_\_\_\_

Projeto de I&D: \_\_\_\_\_

Instituição de Acolhimento: \_\_\_\_\_

Período de Vigência: de \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ a \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Descrição das atividades realizadas:

Desvios em relação ao trabalho planeado:

Lista de Publicações / Outros Trabalhos (incluir URL se disponível):

\_\_\_\_\_  
Assinatura do Bolseiro

\_\_\_\_ - \_\_\_\_ - \_\_\_\_  
Data

**Avaliação do Orientador:**

**Competências demonstradas:**

**Atitudes e valores:**

**Cumprimento global dos objetivos:**

**Avaliação do Orientador (Renovação):**

**Cumprimento global dos objetivos:**

**Informação sobre renovação:**

**Plano de trabalhos da Renovação (se aplicável):**

\_\_\_\_\_  
Assinatura do Orientador

\_\_\_\_ - \_\_\_\_ - \_\_\_\_  
Data