

**PUBLIC NOTICE****Call for allocation of a Scientist Scholarship****Reference: BII/FhP-22/03**

The call for allocation of a Research Integration Grant for University Student is open and subject to the following conditions:

1. **General scientific field:** Engineering.
2. **Specific scientific field:** Informatics Engineering.
3. **Admission Requirements:** i) University Student attending an academic degree in the field of Informatics Engineering or similar; ii) Interest in developing knowledge on Blockchain; iii) Interest in learning about software development within professional context; iv) Proficiency in English and excellent communication skills and teamwork.
4. **Work Plan:** The Student will work under the framework of project “AICeBlock - AI Certification through the Blockchain”. The goal is to evaluate private blockchain platforms through benchmarking simulators and provide the trade-offs of each one.
  - 4.1. **Tasks:**
    - T1: Explore blockchain simulators namely Hyperledger Caliper and BCTMark’s, xBCBench, GoHammer and Workbench;
    - T2: Comparative study of blockchain simulators.
    - T3: Experimentation study of blockchain performances.
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 PhD Khadija Sabiri.
7. **Scholarship’s Duration and Regime:** The scholarship shall have the duration of 3 months, eventually renewable for equal periods of time or until the term of the project, with estimated starting date on August, 2022, 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.aicos.fraunhofer.pt/content/dam/portugal/fhp/careers/grants/Regulamento\\_Bolsas\\_Fraunhofer\\_Portugal\\_Research\\_2021.pdf](https://www.aicos.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 €486,12 as per table of amounts of the scholarships of Associação Fraunhofer Portugal Research, ([https://www.fraunhofer.pt/content/dam/portugal/fhp/careers/grants/Reg\\_Bolsas\\_FhP\\_Anexo\\_II\\_Jan2022.pdf](https://www.fraunhofer.pt/content/dam/portugal/fhp/careers/grants/Reg_Bolsas_FhP_Anexo_II_Jan2022.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 – Alignment of academic choices with the work to perform; B – Curriculum evaluation in accordance with the objectives of the project; C – Experience in research works. The following percentage weighting shall be given to the selection parameters:  $0,3 \times A + 0,5 \times B + 0,2 \times C$ .

**10. Composition of the selection panel:** Chairman: Doctor Filipe Miguel Monteiro da Silva e Sousa; Permanent Members: Doctor Waldir Aranha Moreira Júnior and Doctor Khadija Sabiri.

**11. Publication/notification of the results:** The final evaluation results shall be published in a list ordered by final score, posted in a visible and public place at Fraunhofer Portugal. The approved applicant shall be notified by e-mail.

**12. Opening period of the call:** The call is open from 09-07-2022 to 07-08-2022<sup>(1)</sup>.

**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 e-mail with acknowledgement receipt to [jobs@fraunhofer.pt](mailto:jobs@fraunhofer.pt), in *pdf* format, until 11:59 p.m. of August the 7<sup>th</sup> 2022.

<sup>(1)</sup> *The opening period of the call has been extended from 27-07-2022 to 07-08-2022.*