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Makers Lab 2024 – Terms and Conditions

Preamble

The 'Associação Fraunhofer Portugal Research' (hereafter 'Fraunhofer Portugal') is a private non-profit institution dedicated to the promotion of applied research in Portugal. Fraunhofer Portugal owns and operates applied research centres, namely the 'Fraunhofer Portugal Research Center for Assistive Information and Communication Solutions' (hereafter 'FhP-AICOS').

The FhP-AICOS research centre focuses on developing innovative, intuitive, accessible, and ubiquitous technological solutions in the scientific field of Human-Centred Design, Artificial Intelligence and Cyber-Physical Systems. FhP-AICOS' scientific and technical activities are developed in the areas of digital health, digital industry, and digital futures.

The Makers Lab is an initiative promoted by FhP-AICOS, in partnership with the Departamento de Engenharia Informática (DEI) of the Faculdade de Engenharia da Universidade do Porto (FEUP), in line with its goal of improving the qualifications of Portuguese human resources and encouraging the cooperation between the industry and the scientific and academic community, by motivating and awarding IoT and hardware-based ideas.

1 Scope

1.1 The present document defines the terms, conditions, and rules applicable to participation in the **Makers Lab 2024**.

2 Objective

2.1 The objective of the Makers Lab is to support university students with scientific and technological ideas related to Cyber-physical Systems. The support will include guidance for the development of the idea, training and mentoring provided by the FhP-AICOS team of researchers.

3 Makers Lab Eligible Teams/Participants

3.1 The Makers Lab is open to group applications (hereafter the 'Teams') made up of university Bachelor's students (2nd and 3rd year) and Master's students (1st and 2nd year) in Informatics and Computer Engineering.

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3.2 Each team must be made up of minimum two and maximum three students.

3.3 The Jury reserves the right to verify and decide on the eligibility of the Teams in accordance with the previously mentioned points.

4 Makers Lab Eligible Ideas

4.1 The ideas submitted to the Makers Lab must be related to Cyber-physical Systems – 3D Printing, Artificial Intelligence, Edge & Cloud Computing, and Embedded Electronics.

4.2 Each Team can submit only one idea to the Makers Lab.

4.3 The submitted ideas should reflect and comment their potential impact on Cyber-physical Systems.

4.4 The Jury reserves the right to exclude/disqualify from the Makers Lab any submitted idea which might not be in accordance with the previously mentioned points or which, for any other reason, falls outside of the scope of the Makers Lab.

5 Makers Lab Prizes

5.1 The Jury will consider awarding up to three ideas, with:

- a) Up to 1000,00 € (one thousand euro) for each winning idea to cover idea-development expenses;
- b) And, a mentoring programme for the Teams that presented the winning ideas at FhP-AICOS facilities, with supervision and guidance by the team of researchers.

5.2 The mentoring period, up to three months, will be determined according to the Teams' availability and the work plan defined by the FhP-AICOS experts. Access to the FhP-AICOS facilities will be regulated by an agreement to be signed between Fraunhofer Portugal and Participants.

5.3 The Jury reserves the right to not award any of the defined prizes in case the highest-scored ideas do not reach a minimum quality standard.

6 Makers Lab Demo Day

6.1 The Makers Lab Demo Day consists of a public session where the winning ideas are presented by their Teams.

6.2 Except for highly exceptional and duly justified situations, conditioned to FhP-AICOS' agreement, the physical and personal presence in the Makers Lab Demo Day is mandatory to all members of Teams that developed winning ideas.

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7 Deadlines

7.1 The Makers Lab will follow the below chronogram:

- a) 10/Jul/2024: deadline for ideas submission;
- b) 15/Jul/2024: admission of ideas and selection of winning ideas;
- c) 17/Jul/2024 to 13/Sep/2024: mentoring;
- d) 25/Set/2024: Makers Lab Demo Day.

8 Registration and Submittal Process

8.1 To formally submit an idea to the Makers Lab, the following information is required:

- a) The filling of the mandatory fields present on the Online Registration Form, available at <https://www.aicos.fraunhofer.pt/makerslab>;
- b) The Curriculum Vitae of every member of each Team, in English;
- c) Uploading in the same Online Registration Form a presentation of the submitted idea, using the Application Template available at <https://www.aicos.fraunhofer.pt/content/dam/portugal/aicos/makers-lab/Makers Lab 2024 - Application Template.pptx> (MANDATORY), and according to the below Presentation Guidelines:
 - I. The presentation must be written in English;
 - II. Maximum number of slides: 7;
 - III. Minimum acceptable font size: 16pt;
 - IV. Allowed file formats: PDF, PPT, PPTX, PPSX.

8.2 The Presentation Guidelines provided under 8.1 (subparagraph c)) serve the purpose of helping the Participants present their idea to the Jury using a common, comparable framework. Please note that no submission can be formally accepted without strictly following the defined guidelines.

8.3 The total maximum size limit for uploads to the Online Registration Form is 8 MB. For the avoidance of doubt, the “total maximum size limit for uploads” includes the presentation and CV files.

8.4 The Jury reserves the right to request additional information and clarifications that it finds to be of relevance to the accurate evaluation of the eligibility of Teams and the submitted idea.

9 Selection and Evaluation Criteria

9.1 The submitted ideas will be evaluated according to a set of indicators (referred at point 9.2) and scored by the Jury in a scale of 0 to 10, being 0 the lowest score and 10 the highest. The highest scored ideas – up to three ideas - will be awarded.

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9.2 The jury will assess and evaluate the ideas, bearing in mind the following criteria:

9.2.1 Technology Feasibility:

9.2.1.1 Technical feasibility of the IoT project;

9.2.1.2 Availability and maturity of the required technology, compatibility with existing systems, and scalability for future needs.

9.2.2 Business Objectives:

9.2.2.1 Alignment of IoT project with the overall business strategy and objectives;

9.2.2.2 Goals that the project is expected to achieve, such as improving efficiency, reducing costs, enhancing customer experience, or generating new revenue streams.

9.2.3 Adequacy to FhP-AICOS competences and Business Areas.

10 Results Announcement

10.1 The results will be announced to each team.

11 The Jury

11.1 The Jury is composed of 3 (three) members including representatives from both partners FhP-AICOS and FEUP.

11.2 The Jury is responsible for:

- a) the validation of the eligibility of the Teams and the submitted ideas;
- b) the admission of the ideas to the Makers Lab 2024;
- c) the evaluation and selection of winning ideas.

11.3 The Jury will deliberate by simple majority, being its decisions final and not subject to appeal.

12 Privacy and Publicity

12.1 Participants agree that personal data entered during the registration and idea submission process may be processed, stored, and used by Fraunhofer Portugal. These data will be stored in accordance with the Fraunhofer Portugal's 'Data Protection Policy' that can be consulted at <https://www.fraunhofer.pt/en/data-protection.html>.

12.2 Fraunhofer Portugal guarantees the confidentiality of all personal and non-personal data related to the Teams' participants registration and idea submission process.

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13 Data Protection

- 13.1 The Participant expressly authorizes the processing of personal data by Fraunhofer Portugal for purposes of participating in the Makers Lab and of compliance with Fraunhofer Portugal's legal obligations. In case of award, the Teams' participants also authorize Fraunhofer Portugal to publicly disclose the necessary data for purposes of publicity (e.g. name, university and idea).
- 13.2 Fraunhofer Portugal shall make no use of the Teams' participants' data other than the one included herein and undertakes to comply with the data protection legislation in force.

14 Intellectual Property Rights

- 14.1 The Teams' participants retain ownership of all the intellectual property rights (IPR) existing before the submission of the idea.
- 14.2 All Teams' participants warrant that their submitted ideas are original and that they are the sole and exclusive owner and rights holder of the submitted ideas and all included content.
- 14.3 Fraunhofer Portugal can eventually manifest its interest in developing a research project with the Teams, where both parts shall specifically agree on the exact extent and terms of that cooperation agreement in terms of IPR.

15 Miscellaneous

- 15.1 In order to have recognized his/her participation in the Makers Lab, the Teams' participants must agree with the Terms and Conditions described in this document. The formal acknowledgement of these Terms and Conditions is done when submitting the Online Registration Form, available at <https://www.aicos.fraunhofer.pt/makerslab>. By pressing the 'Send' button, the Teams declare that they have read, understood, and agree with the Terms and Conditions of the Makers Lab 2024. Once the 'Send' button is pressed, the Terms and Conditions form a binding legal agreement between each Team and Fraunhofer Portugal with respect to the Makers Lab.
- 15.2 Any false information provided within the context of the Makers Lab by the Teams, including personal information, copyright or ownership of right, will result in the immediate elimination of the Team from the Makers Lab. In addition, Fraunhofer Portugal AICOS reserves the right to judicially claim any damages that may arise from the breach of the present paragraph.
- 15.3 Any action taken by the Teams considered to be creating obstacles or conditioning the normal procedures of the Makers Lab will result in the immediate elimination of the Teams.

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- 15.4 Fraunhofer Portugal is neither responsible nor liable for any complaint, argument or dispute arising from issues of authorship and copyright over the content presented in the submitted ideas.
- 15.5 Fraunhofer Portugal is not responsible for electronic transmission errors resulting in omission, interruption, deletion, defect, delay or failure to receive submittal information on account of technical problems or traffic congestion on the Internet or at its Website.
- 15.6 Fraunhofer Portugal reserves the right to, at its sole discretion, cancel, terminate or suspend the Makers Lab, being those actions subject to communication to all Teams.
- 15.7 Fraunhofer Portugal reserves the right to amend or change the present Terms and Conditions, being those changes subject to communication to all Teams in order to be accepted as the new agreed Terms and Conditions.

16 Contacts

16.1 Any question or additional information regarding the Makers Lab can be placed through:

E-mail: makerslab@acos.fraunhofer.pt

Phone: + 351 220 430 300

Postal Address: Rua Alfredo Allen 455/461, 4200-135 Porto, PORTUGAL