

Title

Ci2 is now accepting grant applications to award 2 Research Initiation Grant (BII) within the scope of the “Verão com Ciência” programme

Offer description

Work plan: Participation in R&D activities, to be developed within the Ci2 Research Unit and its laboratories, through the integration in the work plans of the Dragonfly and SmarterCW projects. In the first project, the work plan includes the development and testing of a new monitoring unit for a robotic surface-water vehicle, and in the second project, it includes the development and testing of a new monitoring unit for data acquisition from sensors for water quality assessment.

Duration of the grants: The grants will last for 1 month, starting on September 1, 2021, non-renewable, on an exclusive basis.

Application deadline and form of submission of applications: The competition is open from the 6th to the 12th of August 2021. Applications must be formalized by sending: (a) Curriculum Vitae; b) Proof of enrolment in a higher professional technical course, bachelor's or master's degree; c) Proof of the number of credits already obtained and the total number of credits for the course in which they are enrolled. Students at the Polytechnic Institute of Tomar are exempt from submitting the proof referred to in paragraphs b) and c). Applications must be formalized by email simultaneously to the addresses hpinho@ipt.pt and drh@ipt.pt, including in the “Subject” field: Verão com Ciência Ci2.

Financing: The grants are financed by the Fundação para a Ciência e a Tecnologia (Portuguese Foundation for Science and Technology).

Researcher Profiles

Admission requirements: Students of professional higher technical courses, bachelor's or master's degree, with preference in the areas of electrical engineering and related areas.

Research fields

Scientific area: Electrical engineering and related areas.

Application Deadline/Time zone:

12th of August 2021

Is the job funded through a EU Research Framework Programme?

No

Reference Number

Verão com Ciência

How to Apply?

Applications must be formalized by email simultaneously to the addresses hpinho@ipt.pt and drh@ipt.pt, including in the “Subject” field: Verão com Ciência Ci2.

Hiring Organisation & Offer Posting Contact Details

Organisation/Company / Organisation Type / Department / Country* / Street / City / State / Postal-Code / Website / Contact Person E-mail / Phone / Mobile Phone / Fax*

The same as the Workplace.

Work Locations

Number of positions available / Company/Institute* / Country* / Street / City* / State/Province / Postal Code*

Number of positions available: 2

Workplace: The work will be carried out on the IPT campus at Estrada da Serra, Quinta do Contador, Tomar, Portugal, namely the facilities of Ci2 at IPT, including the Chemical and Environmental Engineering Laboratories of LAB.IPT and BIOTEC.IPT, and other spaces that may be considered adequate for the proper development of the work.

Required Education Level

Main Research Field / Level**

Electrical engineering and related areas. Please see the eligibility criteria

Website for additional job details

http://portal2.ipt.pt/pt/ipt/servicos_centrais/recursos_humanos/bolsas_de_investigacao/

Benefits

The grant amount corresponds to € 446.12

Eligibility criteria

Admission requirements: Students of professional higher technical courses, bachelor's or master's degree, with preference in the areas of electrical engineering and related areas

Selection process

Selection method to be applied: Merit of candidates measured by the evaluation of their curriculum to be classified on a scale of 0 to 20 values, according to the following formula and valuation criteria:

$$N = 10 \times FC + IES + AC + CV$$

On what:

N = Classification obtained, from zero to twenty with rounding to the units;

FC = Fraction of credits already obtained compared to the total credits of the course in which the students are enrolled;

IES = Higher Education Institution in which the students are enrolled considering 4 values if the candidate is enrolled in a course at the Polytechnic Institute of Tomar and 2 value if enrolled in a course from another institution;

AC = Alignment of the course in which the students are enrolled in with the work plan, considering 3 values if it is a course in the areas of electrical engineering and computers, and 1 value if it is a course in the areas of electricity and energy, or electronics and automation, or related fields;

CV = Up to 3 values as a result of the analysis of each candidate's resume, prioritizing their previous experience in research activities.

Candidates will be ranked in descending order of classification, and in the event of a tie in the classification obtained, in this order:

- a) The candidate with the best score in the FC factor;
- b) The candidate with the best score in the IES factor;
- c) The candidate with the best score in the AC factor;
- d) The candidate with the best score on the CV factor;
- e) The applicant with a minor age.

Composition of the Selection Jury: Henrique Joaquim de Oliveira Pinho (Chairman), Manuel Fernando Martins de Barros and Carlos Alberto Farinha Ferreira (effective members), and Pedro Manuel Granchinho de Matos (facultative member), Adjunct Professors of the Department of Engineering of the Polytechnic Institute of Tomar.

Form of publicity/notification of results: The results of the evaluation will be published within 3 working days from the deadline for submission of applications and the list is sorted in order of ranking of candidates, with the candidates being notified via email. Candidates will be admitted up to the second position in the ordered list. In the event that any of the selected candidates withdraws, the candidates in the following positions on the lists will be admitted until the foreseen vacancies are exhausted.

Prior Hearing: After the results are announced by e-mail, the candidates must consider themselves immediately notified to, if they wish, speak at a prior hearing within a maximum period of 10 working days after that date. The final decision will be taken within 3 working days after the conclusion of the preliminary hearing of interested parties and notified to the candidates by email. If the initial project decision leads to the granting to all candidates, the prior hearing will be waived, in which case the referred project will be equivalent to the final decision.

Complaint and appeal: The final decision referred to in the preceding paragraphs can be filed a complaint within 15 working days to the President of the IPT or an appeal to the highest executive body of the FCT within 30 working days, both after the respective notification.

Additional comments

The contract template and the reporting template are accessible on the IPT and Ci2 web pages, respectively.