

CALL FOR AWARDING RESEARCH FELLOWSHIPS WITHIN PROJECT GRANTS AND R&D INSTITUTIONS

1 Research Fellowship under Special Regime (BI-RE) for Master Degree Student

1 Research Fellowship(s) under Special Regime (BI-RE) is (are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the Project/R&D Institution “SATO – Self Assessment Towards Optimisation of Building Energy” and “SMART2B – Smartness to existing Buildings and “SMART2B – Smartness to existing Buildings”, financed by European Union’s H2020 research and innovation programme under Grant Agreement no. 957128 and 101023666, respectively, under the following conditions:

1. **Scientific Area:** Informatics / Computer Science
2. **Requirements for admission:** Portuguese nationals, foreign and stateless persons may submit applications to this selection procedure, with a Bachelor Degree completed in Computer Science or Informatics.
3. **Additional optional skills and qualifications:** Experience in Web technologies (e.g. HTML, CSS, Javascript, Typescript, etc.); Knowledge of JavaScript frameworks and full-stack programming (e.g. Angular, NodeJS, MongoDB, Spring Boot, etc.); Skills in Human-Computer Interaction, User Experience and User Interface Design.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrollment in a Master degree in Computer Engineering.
5. **Work plan:** The main goal of this work is to develop interactive applications for the various actors in the SATO and SMART2B system. In particular, the fellow's work will include: (1) Review of the state-of-the-art of frameworks for Web and mobile application development; (2) Definition of the architecture of the interactive applications (mobile and Web); (3) Design, creation and validation of low-fidelity prototypes of dashboards and the interactive applications (mobile and Web); (4) Implementation of the applications and integration with the SATO and SMART2B platform services, and with the interactive feedback and gamification components; (5) Testing and validation of the applications.
6. **Legislation framework:** Research Fellowship Holder Statute, in accordance with Law 40/2004, of 18 August, in its current version and the FCT Regulation for Research Studentships and Fellowships, in its current version (Reg. 950/2019 published in DR on 16th December: <https://dre.pt/application/file/a/127230968>, or at the FCT website: <https://www.fct.pt/apoios/bolsas/regulamento.phtml.pt>), and FCiências.ID Fellowship Regulation, as approved on 12th May 2020 (available at [Regulamento de Bolsas de Investigação Científica da FCiências.ID](#)).
7. **Place of work:** The work will be developed at LASIGE, in Faculty of Sciences of the University of Lisbon, Campo Grande, Lisbon, Portugal under the scientific supervision of Professor Manuel João da Fonseca.
8. **Fellowship duration:** This position is initially opened for 6 months and will begin in December 2021. The fellowship contract may be potentially renewed for an additional period of 9 months.
9. **Monthly allowance:** The fellowship amounts to € 1 150, according to [table values](#) of the FCiências.ID Fellowship Regulation. The fellowship holder will have a personal accident insurance and can ensure the right to social



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security through adherence to the voluntary social insurance scheme, if not covered by any other social protection scheme, pursuant to *Código dos Regimes Contributivos do Sistema Previdencial de Segurança Social*.

The fellowship will be paid monthly by bank transfer.

10. **Evaluation and selection process:** Candidates will be assessed by the quality of their CV and possibly, a selection interview. If the selection interview is not carried out, the final evaluation will be obtained with a weighting of 100% in the curriculum evaluation. If the jury chooses to carry out the selection interview, it will be carried out to the 2 (two) candidates with the best classification in the curriculum evaluation. If the selection interview is carried out, the final evaluation will be obtained considering the following percentages: 50% for the curriculum evaluation and 50% for the selection interview..

11. **Selection Committee:** President – Prof. Manuel J. Fonseca; Effective Member - Prof. Ana Paula Afonso; Effective Member – Prof. José Manuel Cecílio; Substitute Member – Prof. Tiago Guerreiro; Substitute Member – Prof. Carlos Duarte.

12. **Publication/notification of results:** All the candidates will be notified by e-mail, sent by the call holder, with the selection meeting minutes enclosed.

13. **Deadlines:** This call for applications is open from 24/11/2021 to 03/12/2021 .

14. **Application:** Applications should be sent via e-mail to cdrosa@fc.ul.pt, referring in the e-mail subject the ID SATO-BIRE-202115, by attaching the following documents:

- a. Curriculum vitae – **CV may be provided in PDF or through the [CIÊNCIAVITAE](#) system;**
- b. Certificate of completion of previous degree;
- c. other documents considered relevant.

15. **Time limits for the appeal procedure:** In case of negative decision, the candidates have 10 business days, after the date of announcement of the results of the candidates evaluation, to pronounce their disagreement in accordance with the *Código do Procedimento Administrativo*. Appeals against the final decision may be submitted to the Administration Board of FCIências.ID (fciencias.id@fciencias-id.pt) within 15 business days after the notification date

Note 1: The documents that prove the entitlement of the academic qualifications and diplomas, or the proof of registration in the academic degree or diploma requested on the call, can be dismissed during the application period and replaced by a declaration on their honour from the applicant. Their delivery is mandatory for the fellowship contractualization.

Note 2: Please note that - higher education degrees and diplomas awarded by foreign higher education institutions need to be recognized by a Portuguese higher education institution, pursuant to the [Decree-Law nr. 66/2018](#) (August 16) and the [Ministerial Order nr. 33/2019](#) (January 25). The presentation of the recognition certificate is mandatory for contract signature. More information can be obtained at: <https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition>.

