

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

1 Fellowship in Special Regime for a PhD student (BI-RE)

1 Fellowship in Special Regime (BI-RE) are open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project ADMORPH - Towards Adaptively Morphing Embedded Systems funded by European Union's **H2020** research and innovation programme under grant agreement No. 871259, under the following conditions:

1. **Scientific Area:** Computer Science and Engineering
2. **Requirements for admission:** Students enrolled in the PhD Programme in Informatics of the Faculty of Sciences of the University of Lisbon.
3. **Additional optional skills and qualifications:** Research experience in the area of machine-learning techniques applied to distributed systems.
4. **Work plan:** The work will be developed in the scope of the “ADMORPH - Towards Adaptively Morphing Embedded Systems” project, which aims at leveraging system adaptivity to fuse fault and intrusion tolerance with the increasing performance requirements of current and future mission- and safety-critical CPS(oS). In concrete, the work will focus on the development of methodologies and techniques for network monitoring, to support dependable adaptation in response to network QoS parameter changes over time (e.g. communication delay, message loss). The idea is to explore new approaches based on machine learning techniques to improve the accuracy of monitoring and, implicitly, overall communication quality and predictability.
5. **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](#)).
6. **Place of work:** The work will be developed at the LASIGE research unit, under the scientific supervision of Professor António Casimiro.
7. **Fellowship duration:** This position is initially opened for 6 months and will begin on April 2021. The fellowship contract may be potentially renewed for up to 36 months, in accordance with the provisions of Regulation of Research Fellowships from the Foundation for Science and Technology, I.P.
8. **Monthly allowance:** The fellowship amounts to € 1521,47. The fellowship holder will have a personal accident insurance and can ensure the right to social 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.



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9. **Evaluation and selection process:** Candidates will be assessed by the quality of their CV (60%) and an Interview (40%).
10. **Selection Committee:** António Casimiro (President of the Jury), Pedro Ferreira (1st evaluator), Nuno Ferreira Neves (2nd evaluator), Alysson Bessani (alternate evaluator)
11. **Publication/notification of results:** All the candidates will be notified by e-mail, sent by the call holder, with the selection meeting minutes enclosed.
12. **Deadlines:** This call for applications is open from 08 March 2021 to 19 March 2021 .
13. **Application:** Applications should be sent via e-mail to lasige@ciencias.ulisboa.pt, referring in the "Subject": BI-RE (MSc) ADMORPH_mar2021, by attaching the following documents:
- Curriculum vitae;
 - Certificate of completion of previous degree;
 - Proof of registration in the study cycle that confers the requested degree in this call;
14. **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 candidate's 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 during 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>.

Note 3: FCIências.ID is an equal-opportunity employer. Applications that promote the diversity of its academic community with respect to ethnicity, gender, sexuality and class are particularly encouraged.

