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

1 (one) Research Fellowship (BI) for MSc Student
Ref. 931.11 - 1 BI EM SafeSessions

1 Research Fellowship(s) (BI) is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution "Safe Concurrent Programming with Session Types"*,* "PTDC/CCI-COM/6453/2020", funded by the Fundação para a Ciência e a Tecnologia, I.P./MCTES through national funds (PIDDAC) under the programme All Scientific Domains, under the following conditions:

1.   **Scientific Area**: Programming Science and Technology.

2.   **Requirements for admission**: BSc completed.

3.   **Additional optional skills and qualifications**: Software development experience in Haskell and the FreeST programming languages.

4.   **Contracting requirements**: Presentation of the academic qualifications and/or diplomas. Enrolment in a MSc degree in Computer Science or related field.

5.   **Work plan**: Design a class of session types including recursion, sequential composition, functions, and session polymorphism. Study the type equivalence problem in this class. Incorporate this extension into the FreeST programming language. Create a suite of applications and test cases demonstrating the usefulness and practicality of the extension.

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 the LASIGE, Department of Informatics of the Faculty of Sciences of the University of Lisbon under the scientific supervision of Professor Vasco Thudichum Vasconcelos.

8.   **Fellowship duration**: This position is initially opened for 3 months due to start in November 2023. The fellowship contract may be potentially renewed for until the end of the project, in accordance with the provisions of Regulation of Research Fellowships from the Foundation for Science and Technology, I.P.

9.   **Monthly allowance**: The fellowship amounts to € 930,98, according to table values of the fellowships awarded directly by the FCT, IP. 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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10.   **Evaluation and selection process**: Candidates will be assessed by

- CV: 20%;
- BSc's grades (on the European Scale of Comparability of Ratings*): 40%;
- Software development experience in Haskell and FreeST: 40%.

* Holders of pre-Bologna degrees are exempt from presenting the BSc Certificate with European Scale of Comparability of Classifications.

Applicants whose application is scored with a final classification of less than 60 points are not eligible for granting a fellowship.

11.   **Selection Committee**: President of the jury: Vasco Thudichum Vasconcelos; Members: Diana Costa and Diogo Poças; Alternate members: Antónia Lopes and Alcides Fonseca.

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 17/11/2023 to 30/11/2023 .

14.   **Application:** Applications should be sent via e-mail to lasige-candidaturas@listas.di.ciencias.ulisboa.pt, indicating in the "Subject": Ref. 931.11 - 1 BI EM SafeSessions, by attaching the following documents:
   a.   Curriculum vitae;
   b.   Certificate of completion of previous degree* [Note 1, 2].
       * Certificate of completion of previous degree on the European Scale of Comparability of Ratings - Holders of pre-Bologna degrees are exempt from presenting the BSc Certificate with European Scale of Comparability of Classifications.

15.   **Processing of personal data:** FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências, as the controller under the General Data Protection Regulation, collects and processes the personal data requested in the context indicated in paragraph 14., under the legitimate interests in ensuring the award of the research fellowship to candidates with the indicated profile.

The personal data will be kept for the period necessary for the execution of the purposes for which they are intended, being ensured the processing and protection in an appropriate and diligent way, the confidentiality and integrity of these data, through appropriate technical and organizational measures.

Personal data may be transmitted to third parties, namely the entity funding the research project, solely for the purposes specifically established. In this sense, whenever the transfer of personal data to countries outside the European Union and/or international organizations is necessary, compliance with the applicable legal provisions is ensured.

You have the right to request access, rectification, elimination, limitation of processing, the right to object and also data portability (if technically feasible), through the e-mail address: dpo@fciencias-id.pt. You also have the right to lodge a complaint with the National Data Protection Commission.

For more information, we recommend consulting the Internal Rules of Data Protection of FCiências.ID - Association for Research and Development of Sciences at https://fciencias-id.pt/.

16.   **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.

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Note 1: The documents that prove the entitlement of the academic qualifications and diplomas can be dismissed during the application period and replaced by a declaration on their honour from the applicant (Minuta PT, Minute EN). 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.

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