

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

### 1 (one) Research fellowship for MSc Student

Ref. 931.4 - 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 “SafeSessions: Safe Concurrent Programming with Session Types, PTDC/CCI-CIF/6453/2020, financed by national funds by FCT / MCTES (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:** A MSc course on Foundations of Programming Languages; Software development experience, preferably in the Haskell programming language.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in Enrolment in a MSc degree in Computer Science or related.
5. **Work plan:** Develop a new Abstract Syntax Tree (AST) for the FreeST programming language featuring nameless representation of terms and types. Incorporate the AST at the FreeST compiler. Test the new compiler.
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 16<sup>th</sup> 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 12<sup>th</sup> 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 6 (six) months and will begin on March 2022. The fellowship contract may be potentially renewed for until the end of the project months, 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 € 875,98 ,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.
10. **Evaluation and selection process:** Candidates will be assessed by the quality of their CV 30% and:
  - BSc’s grades (on the European Scale of Comparability of Ratings\*): 50%
  - Software development experience: 20%

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

11. **Selection Committee:** President of the jury: Vasco Thudichum Vasconcelos; Members: Alcides Fonseca and Andreia Mordido; Alternate member: Antónia Lopes
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 14/03/22 to 25/03/2022 .
14. **Application:** Applications should be sent via e-mail to [lasige-candidaturas@listas.di.ciencias.ulisboa.pt](mailto:lasige-candidaturas@listas.di.ciencias.ulisboa.pt), indicating in the "Subject": Ref. 931.4 - 1 BI EM SafeSessions, by attaching the following documents:
  - a. Curriculum vitae - **mandatory availability through the CIÊNCIAVITAE system**;
  - b. Certificate of completion of previous degree\*;
  - c. d) other documents considered relevant.

\*BSc Certificate with European Scale of Comparability of Classifications - Holders of pre-Bologna degrees are exempt from presenting the BSc Certificate with European Scale of Comparability of Classifications.
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](mailto: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>.