

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

2 (two) Research fellowships for R&D Initiation (BII) for BSc or MSc student

Ref. 931.9 - 2 BII SafeSessions

2 Research Fellowship(s) for R&D Initiation (BII) 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”, 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:** Computer Science and Engineering.
2. **Requirements for admission:** Completed High School.
3. **Additional optional skills and qualifications:** Experience with functional programming (namely in Haskell) and previous participation on research projects involving the development of programming languages. Student at the Faculty of Sciences of the University of Lisbon.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in a BSc or MSc degree in Computer Science and Engineering.
5. **Work plan:**
 1. Study the FreeST language.
 2. Implement programs that explore the new features of the language and explore concepts of information security, paramount in any distributed software system.
 3. Identification and development of the required abstractions for an easier implementation of communication protocols involving mechanisms of information security.
 4. Identify possible language improvements, including error messages.
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](https://www.fciencias.id/regulamento-de-bolsas-de-investigacao-cientifica-da-fciencias.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 2022.
9. **Monthly allowance:** The fellowship amounts to € 486,12, 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.

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

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: Alcides Fonseca, Andreia Mordido; Alternate members: Diogo Poças, Diana Costa.
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 04/10/22 to 17/11/2022 .
14. **Application:** Applications should be sent via e-mail to lasige-candidaturas@listas.di.ciencias.ulisboa.pt, indicating - otherwise they will not be considered eligible - in the "Subject": Ref. 931.9 - 2 BII SafeSessions, 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. and 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>.