

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

2 Post Doctoral Research Fellowships

2 Post Doctoral Research Fellowship(s) (BIPD) is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution ExLy - Novas Tendências em expoentes de Lyapunov, PTDC/MAT-PUR/29126/2017, financed by national funds by FCT / MCTES (PIDDAC) under the programme FCT/MCTES (PIDDAC) All Scientific Domains, under the following conditions:

1. **Scientific Area:** Mathematics
2. **Requirements for admission:** Doctoral degree in Mathematics or akin areas, have specialised skills and expertise in the fields of Dynamical Systems and/or Mathematical Physics.
3. **Additional optional skills and qualifications:** Demonstrated scientific experience related to the study of Lyapunov exponents in ergodic theory.
4. **Work plan:** The objectives of the work plan are to help the team achieving two or more of the following goals: (1) to derive large deviations estimates for linear cocycles, (2) to study the regularity of Lyapunov exponents of linear cocycles, (3) to extend the Avalanche Principle, (4) to study the spectral properties of Schrodinger operators and (5) to prove generic properties of billiards and geodesic flows. The work plan is included in tasks 1-5 of the project ExLy (PTDC/MAT-PUR/29126/2017), present a summary of the work to be developed in the framework of the fellowship and its main goals.
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 available at <https://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2019.pdf>.
6. **Place of work:** The work will be developed at the developed at the facilities of Research Center CMAF-CIO, in Campo Grande, Lisbon, Portugal under the scientific supervision of Professor Pedro Miguel Duarte.
7. **Fellowship duration:** This position is initially opened for 6 months and will begin on September 2020. The fellowship contract may be potentially renewed for 6 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 € 1600, according to <http://www.fct.pt/apoios/bolsas/valores> 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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9. **Evaluation and selection process:** Candidates will be assessed by the quality of their CV 65% and Interview, 15%, recommendation letters, 20%.

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10. **Selection Committee:** President—Luís Eduardo Gouveia, 1st Evaluator—Pedro Miguel Duarte, 2nd Evaluator—João Lopes Dias, 1st Alternate Evaluator—Silvius Klein, 2nd Alternate Evaluator—José Pedro Gaivão.
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 22 June 2020 to 25 July 2020 .
13. **Application:** Applications should be sent via e-mail to pmduarte@ciencias.ulisboa.pt, by attaching the following documents:
- a. Curriculum vitae;
 - b. Certificate of completion of previous degree;
 - c. At least one letter of recommendation.
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 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 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>.