

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

1 (one) Investigation fellowship (BI) for a master student

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 “Matter Waves in Moiré Lattices”, “PTDC/FIS-OUT/3882/2020”, funded by the Fundação para a Ciência e a Tecnologia, I.P./MCTES through national funds (PIDDAC) under the programme SR&TD Projects in all Scientific Domains - 2020, under the following conditions:

1. **Scientific Area:** Physics
2. **Requirements for admission:** Bachelor’s degree
3. **Additional optional skills and qualifications:** Knowledge of methods of numerical simulations and methods of mathematical or theoretical physics, being a master student with intention to use the present work as the basis for the topic for the master thesis.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in master course in Physics, Applied Mathematics, or Mathematics.
5. **Work plan:** Numerical and analytical studies of the matter waves (Bose-Einstein condensates) in quasi-periodic potentials.
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>), 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 Center for Theoretical and Computational Physics, Faculty of Sciences of the University of Lisbon under the scientific supervision of Professor Vadimir Vladlenovich Konotop.
8. **Fellowship duration:** This position is initially opened for 6 months due to start in January 2023. The fellowship contract may be potentially renewed for 6 months.
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 CV (70%) and Interview (30%). Applicants whose application is scored with a final classification of less than 85 points are not eligible for granting a fellowship.

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

11. **Selection Committee:** Vladimir Vladlenovich Konotop (president, FCUL), Hugo Fernando Santos Terças (effective member, IST-ID), Maria Inês Barbosa de Carvalho (effective member, INESC TEC), Augusto da Silveira Rodrigues (alternate member, FCUP/UP).
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 07/11/22 to 25/11/2022 .
14. **Application:** Applications should be sent via e-mail to yvkonotop@fc.ul.pt, 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>.