

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

One Research Fellowship (BI) for a Master Student

1 Fellowship type 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, financed by national funds by FCT / MCTES (PIDDAC) under the programme Call for SR&TD Projects in all Scientific Domains - 2020, under the following conditions:

1. **Scientific Area:** Physics.
2. **Requirements for admission:** Bachelor 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. Enrollment 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.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 Center for Theoretical and Computational Physics of the Faculty of Sciences of the University of Lisbon under the scientific supervision of Professor Vladimir Vladlenovich Konotop.
8. **Fellowship duration:** This position is initially opened for 6 months and will begin on September 2021. The fellowship contract may be potentially renewed for a period of 6 months.
9. **Monthly allowance:** The fellowship amounts to € 835,98 ,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 with special attention on the classification of the Bachelor's academic disciplines of Theoretical Physics, Mathematics and Informatics, 70% and Interview 30%.

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11. **Selection Committee:** Vladimir Vladlenovich Konotop (president, FCUL), Augusto da Silveira Rodrigues (effective member, FCUP/UP), Maria Inês Barbosa de Carvalho (effective member, INESC TEC), Hugo Fernando Santos Terças (alternate member, IST-ID)
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 08/07/21 to 23/07/2021 .
14. **Application:** Applications should be sent via e-mail to vvkonotop@fc.ul.pt, by attaching the following documents:
 - a. Curriculum vitae;
 - b. Certificate of completion of previous degree;
 - c. 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 during the fellowship contractualization. If not requested in the requirements for admission, the proof of registration in the academic course requested on the call is mandatory for contract signature.

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>.