

(BL35/2023 IST-ID)

Post-Doctoral Research Fellowships

Applications are open for 2 (two) Post-Doctoral Research Fellowship(s), within the framework of project/R&D institution eGames/IST-ID, (RD20NPN), financed by national funds PRR, under the following conditions:

Scientific Area: Computer Science and Engineering and Sports Science

Admission Requirements:

- a) to hold a PhD degree obtained in the 3 years previously to the submission of the fellowship application;
- b) to have carried out the research work that led to the PhD degree in a different entity from the host institution of the fellowship;
- c) Not to exceed, with this fellowship contract, including the possible renovations, an accumulated period of 3 years in this type of fellowship, continuously or with interruptions;
- d) Not to have previously held a post-doctoral fellowship from IST-ID.

Workplan: Games for Health and Well-being / Games for education and learning curriculum / Games for sports training and rehabilitation

Main tasks:

- Run different sensor technologies and applications, e.g., position, level and displacement, speed and acceleration, force, and physiological (temperature, ECG, EMG, EDA, EEG).
- Develop the different types of research: analytical, descriptive, experimental, and qualitative on the following topics: Games for Health and Well-being; Games for education and learning curriculum, and Games for sports training and rehabilitation.
- Perform/support interventions based on customized exergaming programs
- Conduct assessments with the general population or people with special considerations (i.e., cardiovascular, metabolic, brain-related disorders) on the physiological parameters during intervention based on customized exergaming programs.
- To present new research proposals on the topic in competitive calls.

Legislation and Regulations: Statute of Scientific Research Fellow, approved by Law nr. 40/2004, of August 18, as worded by Decree-Law nr. 123/2019, of August 28; FCT Regulation for Research Studentships and Fellowships, available on <https://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2019.pdf> and <https://dre.pt/application/file/a/127230968>.

Workplace: The work will be developed at ITI / LARSys of IST under the scientific supervision of Professor Duarte Nuno Jardim Nunes.

Duration: The research fellowship(s) will have the duration of 12 months. It's expected to begin in April 2023 and may be eventually renewed up to the maximum of 24 months.

Monthly maintenance allowance: According to the values for Research Fellowships awarded by FCT in Portugal (<http://www.fct.pt/apoios/bolsas/valores>), the amount of the monthly maintenance allowance is € 1686, being the payment method an option of the Fellow by Wire Transfer/Check.

This amount will be supplemented with approximately 200 € for the payment of voluntary social insurance and personal accidents.

Selection methods: The selection methods will be the following: *Curriculum evaluation, individual interview (remotely or in person)* with the respective weight of Curriculum evaluation 60%, Individual Interview 30%; Motivation letter (10%).

Composition of the selection Jury: Professor Duarte Nuno Jardim Nunes (IST), Professor Pedro Campos (UMa-ITI/LARSys) e Professor Élvio Rúbio Quintal Gouveia (UMa-ITI/LARSys).



Announcement/ notification of the results: The final evaluation results will be communicated to all applicants by email.

Deadlines and procedures of complaint and appeal. A complaint may be lodged from the final decision within 15 working days, or an appeal to the Executive Board of IST-ID within 30 working days, both counted from the respective notification

Application deadline and formalization: The call is open from March 13 until March 24, 2023.

It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (<https://ist-id.pt/concursos/bolsas/>); ii) *Curriculum Vitae*; iii) academic degree certificate; iv) motivation letter; v) declaration on honor that the applicant does not exceed with this contract an accumulated period of three years in this type of fellowship, continuously or with interruptions, within the technological and scientific system, and that the research work that led to the PhD degree was carried out in a different entity from the host institution of the fellowship.

Applications must be submitted to the email: nunojnunes@tecnico.ulisboa.pt, erubiog@staff.uma.pt; admin@iti.larsys.pt