

(BL50/2025-IST-ID)

Research Studentships (Master or Integrated Master students)

Applications are open for 1 (one) Master Research Studentship, within the framework of project eGamesLab nº 26, funded by PRR/IAPMEI.

Scientific Area: Computer and Information Sciences and Informatics

Admission Requirements: *To be enrolled at an integrated master or a master.*

Workplan: The selected candidate will participate in research activities that include: (i) acquisition of mocap data and biosignals from Virtual Reality equipment and dedicated sensors, (ii) signal processing in order to filter and detect events that correlate kinematic data with biosignals, (iii) statistical analyses of data, and (iv) assisting all writing and dissemination activities (e.g., user manuals, writing scientific articles, public presentations).

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; IST-ID Regulation of Scientific Research Fellowships, available on <https://ist-id.pt/recursos-humanos/bolseiros/#documentos-relacionados> .

Workplace: The work will be developed at the Lab of xReality of Instituto de Tecnologias Interactivas / LARSyS, under the scientific supervision of Professor Daniel Simões Lopes and Doutor Ivo Roupa.

Duration: The research fellowship will have the duration of 3 months. It's expected to begin in April 2025, and may be eventually renewed up to the maximum of 24 months, including the duration of the initial contract.

Monthly maintenance allowance: the amount of the monthly maintenance allowance is € 1040.98, being the payment method of the Fellow by wire transfer.

Selection methods: Curriculum vitae detailing the main academic results (publications, presentations at international conferences, research projects), technical skills (Unity, Python and/or MATLAB, Motion Capture, Virtual Reality, Signal Processing, Biosignals, Acquisition Boards such as Arduino and/or ScientISST, Statistical Analysis) and relevant experience in Computer Science, Computer Engineering, Biomedical Engineering or a closely related area (75%), individual interview (25%).

Composition of the selection Jury: Prof. Daniel Simões Lopes; Prof. Augusto Esteves; Prof. Hugo Nicolau.

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, or an appeal to the Executive Board of IST-ID, within 15 working days counted from the respective notification.

Application deadline and formalization: The call is open from March 18 until March 31, 2025.

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, where applicable; iv) proof of enrollment at an academic degree course (Master, Integrated Master); v) motivation letter;

Applications must be submitted to the email: daniel.s.lopes@tecnico.ulisboa.pt and susana.nobrega@tecnico.ulisboa.pt