

2 Research Studentships for Master or Integrated Master students

Applications are open for 2 Research Studentships, within the framework of the 1801P.01022.1.01 IntelligentCare – Intelligent Multimorbidity Management System, Lisboa-01-0247-FEDER-045948, financed by national funds through ANI in the System of Financial Support for Technological Development (SII & DT), and co-financed by the European Regional Development Fund (FEDER) through COMPETE – “Programa Operacional Fatores de Competitividade (POFC)”, under the Partnership Agreement PT2020, under the following conditions:

Scientific Area: Electrical and Informatics Engineering

Admission Requirements: The student must be *enrolled at an integrated master or a master*.

Workplan: The work aims to develop and implement algorithms based on Android, which execute visual perception algorithms. The perception algorithms will be integrated with the mobile navigation algorithms of the robot Temi. It is expected to test the algorithms in a simulation environment.

Legislation and Regulations: Statute of Scientific Research Fellow, approved by Law nr. 40/2004, of August 18, as amended 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 Institute for Systems and Robotics of Instituto Superior Técnico, under the scientific supervision of Prof. Alexandre Bernardino and Dr. Plinio Moreno López.

Duration: The research fellowship(s) will have the duration of 6 months. It's expected to begin in January 2021, and may be eventually renewed up to the maximum of 12 months. When the academic degree or diploma is awarded during the term of the scholarship contract, it can be concluded under the contractual terms established.

Monthly maintenance allowance: According to the values for Research Fellowships at the table in Annex I of the IST-ID Regulation (<https://ist-id.pt/concursos/bolsas/>), the amount of the monthly maintenance allowance is € 835.98, being the payment method an option of the Fellow by Wire Transfer.

Selection methods: The selection methods will be the following: Curriculum evaluation and previous experience on Android development, with the respective weight of 60% to curriculum evaluation and 40% to previous experience on Android development.

Composition of the selection Jury: Prof. Alexandre Bernardino, Prof. José Gaspar and Dr. Plinio Moreno López

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

Application deadline and formalization: The call is open from 18 November until 2 December 2021.

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 a Master degree course; v) motivation letter.

Applications must be submitted to the email: plinio@isr.tecnico.ulisboa.pt