

**Research Studentship (for PhD students or for students of a course that does not award an academic degree)**

Applications are open for one (1) Research Studentship for PhD students or for students of a course that does not award an academic degree, within the framework of the project “Simulação experimental de sistemas óleo-hidráulicos de tomada de potência para conversores de energia das ondas (HIL4PTO)” of the Association of Instituto Superior Técnico for Research and Development (IST-ID), reference PTDC/EME-REN/29044/2017, financed by FCT/MEC through national funds and co-financed by the European Fund for Regional Development (FEDER), in the scope of the Acordo de Parceria PT2020, through the Lisbon Regional Operational Programme through FCT – Portuguese Foundation for Science and Technology in the scope of the LISBOA-01-0145-FEDER-032037 project, under the following conditions:

**Scientific Area:** Electrical Engineering, Mechanical Engineering and Engineering Systems, or Naval Architecture and Ocean Engineering, or similar areas

**Admission Requirements:** Master in Electrical Engineering, Mechanical Engineering and Engineering Systems, or Naval Architecture and Ocean Engineering, or similar areas. Enrolled in PhD Program or *be enrolled at a course that does not award an academic degree*

**Workplan:** The candidate to be selected is expected to support and work on research activities in the area of “Instrumentation, Automation and Control of Electromechanical Systems”. In particular, simulation of systems for the control of wave energy converters, with the use of the Matlab (Simulink) software.

**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 the Centre for Marine Technology and Ocean Engineering of Instituto Superior Técnico, Universidade de Lisboa, under the scientific supervision of Professor Dr. Carlos Guedes Soares and Dr. José Gaspar.

**Duration:** The research fellowship(s) will have the duration of 6 months. It's expected to begin on 1 November 2021, and may eventually be renewed.

**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 €1104,64, being the payment method an option of the Fellow by Wire Transfer/Check.

**Selection methods:** The selection methods will be the following: *Curriculum evaluation, individual interview (optional)*, with the respective weight of *Curriculum evaluation (30%), individual interview (optional) (70%)*.

**Composition of the selection Jury:** Prof. C. Guedes Soares (President of the Jury); Prof. Ângelo Teixeira (Member); Prof. Tiago A. Santos (Member).

**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 30 September until 14 October 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 an academic degree course (PhD) or at a course that does not award an academic degree; v) motivation letter; vi) (for holders of Bachelor or Master degrees who are enrolled at a course that does not award an academic degree) declaration on honour that the applicant does not exceed with this contract an accumulated period of two years in this type of studentship, continuously or with interruptions.

Applications must be submitted to the email: [c.guedes.soares@centec.tecnico.ulisboa.pt](mailto:c.guedes.soares@centec.tecnico.ulisboa.pt).