

NOTICE FOR THE AWARDING OF SCHOLARSHIPS IN THE SCOPE OF R&D INSTITUTIONS AND PROJECTS

Research Studentships (PhD student)

Applications are open for the assignment of 1 Research Studentship, within the framework of project/R&D institution (1801P.00971.1.01) UIDB/00097/2020 CEG-IST | Professora Ana Póvoa, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Systems Engineering and Management - Operations and Logistics

Admission Requirements:

- a) Candidate must have a Masters* in Industrial Engineering and Management or similar
- b) *To be enrolled at a PhD.*

Preferred Conditions: experience in the supply chain field. Domain of supply chain optimization, particularly in the design and planning of these systems exploring different aspects such as: uncertainty, resilience, sustainability, among others. Knowledge of GAMS software.

Workplan: The project involves the development of generic and innovative models to support the project management, planning and operation of sustainable supply chains (SSC) in a context of uncertainty. These will support decision-making in SSC, ensuring circular economy objectives (i.e. reduction of waste and consumption of materials as well as the use of efficient green technologies), simultaneously guaranteeing the well-being of society and the economic return of organizations.

A multidisciplinary approach will be developed using quantitative management methods. Modeling and optimization techniques with environmental and social assessment methodologies will be studied in an integrated manner. The models will be validated in real business cases.

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; Regulation of IST-ID Research Grants, available at <https://ist-id.pt/concursos/bolsas/>; 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 Centre for Management Studies of Instituto Superior Técnico, under the scientific supervision of Professor Ana Paula Barbosa Póvoa.

Duration: The research fellowship will have the duration of 6 months. It's expected to begin in June/2022, and may be eventually renewed up to the maximum of 6 months. When the academic degree or diploma is awarded during the validity of the scholarship contract, it can be concluded under the contractual terms established.

Monthly maintenance allowance: According to the values for Research Fellowships awarded by FCT in Portugal (<http://www.fct.pt/apoios/bolsas/valores>), OR according to the value table in Annex I of the IST-ID Research Grant Regulation (<https://ist-id.pt/concursos/bolsas/>), the amount of the monthly maintenance allowance is €1 144.64, being the payment method an option of the Fellow by Wire Transfer/Check.

Selection methods: The selection methods will be the following: 1) curriculum evaluation, accompanied by an interview if the jury deems it necessary, and 2) motivation letter, with the respective valuation of 90% and 10%.

Composition of the selection Jury: Ana Póvoa, Ana Carvalho, Bruna Mota

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

Deadlines and procedures for prior hearing, complaint and appeal: After the provisional list of evaluation results has been communicated, candidates have a period of 10 working days in which, if they so wish, to speak at the prior hearing of interested parties, pursuant to Articles 121. et seq. of the Code of Administrative Procedure. The final decision will be rendered after the analysis of the pronouncements presented in the seat of the prior hearing of interested parties. The final decision may be appealed to the competition Jury, or appealed to the President of IST-ID, within 15 working days from the respective notification.

Application deadline and formalization: The call is open from May 30 until June 14, 2022

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); v) motivation letter;

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