

(BL123/2023-IST-ID)

Post-Doctoral Research Fellowships

Applications are open for one Post-Doctoral Research Fellowship(s), within the framework of project RETHinking MOBILity, location patterns and urban form after the COVID19 pandemic. The effects of telework and e-shopping/ Associação do Instituto Superior Técnico para a Investigação e o Desenvolvimento (IST-ID), PTDC/EI-TRA/4841/2021, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Urban and Regional Systems

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: Develop and carry out research tasks focusing on the project topics, related with:

- The impacts of telework adoption in the aftermath of the COVID 19 pandemic on travel patterns and residential location of teleworkers as well as its impacts on firm location
- The relationship of in store shopping with e-shopping and its impacts of retail location

The specific duties of the post-holder will include

- Help to coordinate data collection tasks needed for the project, namely preparing and undertaking interviews and design prepare and deploy surveys.
- Develop both qualitative and quantitative research on the aforementioned topics
- Develop and implement advanced statistical models, namely structural equation models and discrete choice models
- Carry out and develop collaborative research with other project colleagues and research groups;
- Prepare academic papers and presentations;
- Contribute to the organization of project events and activities (e.g. seminars, workshops).
- Contribute to small-scale project management activities under supervision of project's PI and Co-PI

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 CERis - Civil Engineering Research and Innovation for Sustainability of Association of Instituto Superior Técnico for Research and Development (IST-ID), under the scientific supervision of Prof. João de Abreu e Silva

Duration: The research fellowship will have the duration of 24months. It's expected to begin in 1st May 2023, and may be eventually renewed up to 30 months.

Monthly maintenance allowance: According to the values for Research Fellowships awarded by FCT in Portugal (https://www.fct.pt/wp-content/uploads/2023/02/Tabela-de-Valores-SMM_2023.pdfh), the amount of the monthly maintenance allowance is € 1741,00 being the payment method an option of the Fellow by Wire Transfer/Check.

Selection methods: The selection methods will be the following: Curriculum evaluation where the candidate should demonstrate experience in data collection, advanced statistical modeling and evidence of published research in the scientific areas of the call and/or the project. These elements should be clearly identified in specific sections in the CV of the candidates, and named Experience in data collection, Experience in statistical model, Relevant publications. Individual interview up to a maximum of five candidates. The candidates selected for the interview will be the ones with the highest score in the curricular evaluation, with the respective weight of 70% curricular evaluation and 30% interview.

Composition of the selection Jury: João de Abreu e Silva, Paulo Teixeira, Ana Paula Falcão.

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 April 20 until May 5, 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 honour 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: patricia.nunes@tecnico.ulisboa.pt