

Research Studentships (Master or Integrated Master students)

Applications are open for 2 Research Studentships, within the framework of project/R&D institution AIRE/CERIS/IST-ID 1801P.01518, 2024.07616.IACDC, apoiado pela medida “RE-C05-i08.M04 – “Apoiar o lançamento de um programa de projetos de I&D orientado para o desenvolvimento e implementação de sistemas avançados de cibersegurança, inteligência artificial e ciência de dados na administração pública, bem como de um programa de capacitação científica”, do Plano de Recuperação e Resiliência – PRR, enquadrado no contrato de financiamento celebrado entre a Estrutura de Missão Recuperar Portugal (EMRP) e a Fundação para a Ciência e a Tecnologia I.P. (FCT, under the following conditions:

Scientific Area: Civil Engineering

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

Workplan: Intelligent Construction Cost System with AI Agentica. This project aims to build machine learning models to estimate real estate price trends in the short and medium term in Portugal. Transaction data, geospatial variables, and socioeconomic indicators will be used to train regression algorithms and time series. The model should identify regional patterns, seasonalities and urban-rural differences, serving as support for the decision-making of stakeholders in the sector.

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, IST-ID, under the scientific supervision of Professor Carlos Oliveira Cruz

Duration: The research fellowship(s) will have the duration of 5 months. It's expected to begin in September 2025, and may be eventually renewed up to the maximum of 3 months

Monthly maintenance allowance: According to the values for Research Fellowships awarded by FCT in Portugal (<https://www.fct.pt/fct-atualizou-o-valor-das-bolsas-para-2025/>), the amount of the monthly maintenance allowance is € 1040,98, being the payment method an option of the Fellow by Wire Transfer/Check.

Selection methods: The selection methods will be the following: *Curriculum evaluation*, with the respective weight of 100%.

Composition of the selection Jury: João Gomes Ferreira, Carlos Paulo Novais Oliveira da Silva Cruz, Vitor Faria e Sousa, Assistant Professor

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 August 21 until September 12, 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 de



Fundação
para a Ciência
e a Tecnologia

gree 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: bolsa@drh.tecnico.ulisboa.pt



**Fundação
para a Ciência
e a Tecnologia**