

(BL130/2024-IST-ID)

Research Studentships for Master or Integrated Master students

Applications are open for one Research Studentship, within the framework of project/R&D institution CEMAT, UIDB/04621/2020, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Probability and Statistics

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

Workplan: The candidate should consider the Mallows distance for interval data and use it to estimate symbolic covariance matrices. The results should be illustrated by analysing real datasets, using R functions developed by the candidate, to be made available to the general public. The results should be used in Fisher's discriminant analysis for interval data. Methods for visualizing the classification results should be developed and the associated R functions will also be developed and made available to the scientific community.

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 CEMAT/IST, under the scientific supervision of Maria do Rosário de Oliveira Silva and Lina Maria Mateus de Oliveira.

Duration: The research fellowship(s) will have the duration of 3 months. It's expected to begin in June 2024, and may be eventually renewed up to the maximum of 6 months, including the duration of the initial contract.

Monthly maintenance allowance: According to the values for Research Fellowships awarded by FCT in Portugal (https://www.fct.pt/wp-content/uploads/2024/02/Tabela-de-Valores-SMM_atualizacao-2024.pdf), the amount of the monthly maintenance allowance is 990,98 €, 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%. *Preference will be given to students that have research experience in the research topics of the study plan.*

Composition of the selection Jury: Maria do Rosário Oliveira, Maria da Conceição Esperança Amado, Lina Maria Mateus de Oliveira.

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 May 15 until May 27, 2024.

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 (Master, Integrated Master); v) motivation letter;

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

