

(BL148/2021-IST-ID)

### Research Studentships for PhD students

Applications are open for 1 Research Studentship(s), within the framework of project/R&D institution 1801P.00938 - WISDOM/CEMAT, WISDOM – DSAIPA/DS/0089/2018, financed by national funds through FCT/MCTES and co-financed by the “Programa em Ciência dos Dados e Inteligência Artificial na Administração Pública”, under the following conditions:

**Scientific Area:** Mathematics - Statistics, Stochastic Processes and Stochastic Analysis

**Admission Requirements:** To hold a master degree in Applied Mathematics and to be enrolled at a PhD.

**Workplan:** Development and application of mathematical models for time series analysis in urban water systems.

**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 carried out at the Center for Computational and Stochastic Mathematics of Instituto Superior Técnico, under the scientific supervision of Prof. Maria da Conceição Esperança Amado.

**Duration:** The research fellowship(s) will have the duration of 6 months. It's expected to begin in November/2021, 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 (<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 is based on the following criteria: curricular and scientific evaluation (50%), previous experience in the application of similar models (30%), motivation letter (20%).

**Composition of the selection Jury:** the committee will be composed of the following members of CEMAT all professors at IST: Conceição Amado, António Pacheco Pires, Isabel Maria Alves Rodrigues and Cláudia Nunes.

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

**Application deadline and formalization:** The call is open from 12 until 25 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); v) motivation letter;

Applications must be submitted to the email: [conceicao.amado@tecnico.ulisboa.pt](mailto:conceicao.amado@tecnico.ulisboa.pt)