

**Title**

The Smart Cities Research Center (Ci2) is now accepting grant applications to award one postdoctoral grant within the scope of the Intelligent and Sustainable Aerial-Terrestrial IoT Networks (BATS) project funded by Fundação para a Ciência e Tecnologia, IP (FCT).

**Offer description**

Proposal of solutions based on the SDN paradigm applicable to Intelligent and Sustainable Airborne IoT Networks; Implementation of SDN solutions supported by AI mechanisms and evaluation in a laboratory environment; Performance and stability evaluation and demonstration in testbed environment; coordinate the activities necessary to implement the testbed; collaborate in project management, dissemination of results, risk assessment and technology transfer to the industry.

**Duration of the Grant**

The grant will last for 12 months, starting on 20th July 2022, with the possibility of renewing by 12 months on an exclusive basis.

**Application deadline and form of submission of applications**

The application is open from June 15th to June 29th 2022. Applications must be formalized by sending:

- a) Certificate of qualifications,
- b) Curriculum Vitae,
- c) motivation letter, and
- d) reference letters.

Applications must be formalized by email to the addresses [ci2@ipt.pt](mailto:ci2@ipt.pt), including in the "Subject" field: PTDC/EEI-TEL/1744/2021.

**Funding**

The grant is funded by the FCT.

**Researcher Profiles**

Admission requirements: researchers must hold a PhD in telecommunications engineering, informatics engineering or related areas.

**Research fields**

Scientific area: telecommunications engineering, informatics engineering or related areas.

**Application Deadline/Time zone**

June 15th to June 29th 2022.

**Is the job funded through a EU Research Framework Programme?**

No

**Reference Number**

PTDC/EEI-TEL/1744/2021

**How to Apply**

Applications must be formalized by email to the addresses [ci2@ipt.pt](mailto:ci2@ipt.pt), including in the "Subject" field: PTDC/EEI-TEL/1744/2021

**Hiring Organisation & Offer Posting Contact Details**

Instituto Politécnico de Tomar, Estrada da Serra, Quinta do Contador, 2300-313 Tomar, Portugal

Email: [ci2@ipt.pt](mailto:ci2@ipt.pt)

**Work Locations**

Instituto Politécnico de Tomar, Estrada da Serra, Quinta do Contador, 2300-313 Tomar, Portugal

Number of positions available: 1

Workplace: The work will be carried out on the IPT campus at Estrada da Serra, Quinta do Contador, Tomar, Portugal, namely the facilities of Ci2 at IPT, and other spaces that may be considered adequate for the proper development of the work.

**Required Education Level**

PhD in telecommunications engineering, informatics engineering or related areas.

**Website for additional job details**

[http://portal2.ipt.pt/pt/ipt/servicos\\_centrais/recursos\\_humanos/bolsas\\_de\\_investigacao/](http://portal2.ipt.pt/pt/ipt/servicos_centrais/recursos_humanos/bolsas_de_investigacao/)

**Benefits**

The grant amount corresponds to 1.686€

**Eligibility criteria**

PhD in telecommunications engineering, informatics engineering or related areas.

**Selection process**

Composition of the Selection Jury: Luís Miguel Lopes de Oliveira (Chairman), Ana Cristina Barata Pires Lopes and Pedro Daniel Frazão Correia (effective members), and Henrique Joaquim de Oliveira Pinho (facultative member), Adjunct Professors of the Tomar Technology School of the Polytechnic Institute of Tomar.

Form of publicity/notification of results: The results of the evaluation will be published within 10 working days from the deadline for submission of applications and the list is sorted in order of ranking of candidates, with the candidates being notified via email. In the event that the selected candidate withdraws, the candidate in the following position on the list will be admitted.

Prior Hearing: After the results are announced by e-mail, the candidates must consider themselves immediately notified. The candidates can pronounce at a preliminary hearing within ten working days after the announcement date if they wish. The final decision will be taken within ten working days after the conclusion of the preliminary hearing of interested parties and notified to the candidates by e-mail. If the initial project decision leads to the granting of all candidates, the preliminary hearing will be dismissed, and the referred project will be equivalent to the final decision.

Complaint and appeal: A complaint may be presented against the final decision referred to in the previous paragraphs, within 15 working days, to the President of the IPT or an appeal to the highest executive body of the FCT, within 30 working days, both after the respective notification.

**Additional comments**

The contract template and the reporting template, and more information, are accessible on the IPT and Ci2 web pages ([www.ipt.pt](http://www.ipt.pt) and [www.ci2.ipt.pt](http://www.ci2.ipt.pt)).