

06/12/2021

Research Scholarship: Project Nr. 70365 POWER - Process 778729

Where to apply

Application Deadline: 22/12/2021 23:00 - Europe/London

Contact Details

Where to send your application.

COMPANY

Universidade de Coimbra

E-MAIL

carlalopes@dei.uc.pt

Hiring/Funding Organisation/Institute

ORGANISATION/COMPANY

Universidade de Coimbra

COUNTRY

Portugal

DEPARTMENT

Divisão de Projetos e Atividades (Bolsas)

CITY

Coimbra

ORGANISATION TYPE

Higher Education Institute

STREET

Rua Larga

WEBSITE

<https://www.uc.pt/administracao/dpa>

ORGANISATION/COMPANY

Universidade de Coimbra

LOCATION

Portugal › Coimbra

RESEARCH FIELD

Engineering

TYPE OF CONTRACT

Temporary

RESEARCHER PROFILE

First Stage Researcher (R1)

JOB STATUS

Full-time

APPLICATION DEADLINE

22/12/2021 23:00 - Europe/London

HOURS PER WEEK

35

REFERENCE NUMBER

OFFER DESCRIPTION

CALL FOR RESEARCH FELLOWSHIP

Process 778729

University of Coimbra opens a call for five research fellowships, in the framework of the POWER project “Empowering a Digital Future” (reference: POCI-01-0247-FEDER-070365), co-financed by the European Regional Development Fund, through Portugal 2020 (PT2020), and by the Competitiveness and Internationalization Operational Programme (COMPETE 2020), in the following conditions:

Scientific area: Informatics.

Skills/Qualifications/Admission requirements: Master's Degree in Informatics Engineering, Electrical Engineering, Data Science and Engineering or similar enrolled in a Ph.D. Program in Informatics Engineering, Electrical Engineering, Data Science and Engineering or similar, or enrolled in a course not conferring an academic degree.

“Courses not conferring an academic degree” must be related to the research fellowship's activity type. “Courses not conferring an academic degree” are the courses referred to in paragraph e) of number 3 of article 4 of Decree-Law no. 74/2006, of 24 March, in the current wording, provided that they are developed in association or cooperation between the higher education institution and one or more R&D units, in accordance with the provisions of paragraph e) of article 3 of the Regulation for Research Fellowships of the Fundação para a Ciência e a Tecnologia, I.P.

Although the recipients must be enrolled in a cycle of studies leading to the attribution of an academic degree or in a course not conferring an academic degree, at the time of application it is not necessary for the candidate to have made such an enrollment, and proof of enrollment must be presented until the fellowship is contractualized. Candidates are only required to meet the requirements to enroll in the training offer. If there are candidates already enrolled (including attending a course), they compete on an equal footing with those who are not enrolled.

Work plan/ Objectives: Title: Next generation of products and services for telecommunication operators

Objective:

This project aims to create an innovative portfolio of products and services for the next generation of telecommunications infrastructures and services, mostly based on data-driven, cloud, and cognitive technologies.

Through a strong research and development effort, it will be aligned with strategic technological transformation vectors: 5G Networks, Cloud Computing continuum, Data-driven technologies, and business models, Artificial Intelligence, Machine Learning, Data Science, Data Visualization, and Cybersecurity. The project results will enhance Altice Lab's roadmap aiming to penetrate and conquer new worldwide markets while benefiting from the new business models.

The participants in this project will integrate a multidisciplinary research team and will participate in the development of new solutions and mechanisms to support the development of new products and services, for telecommunication operators.

Work Plan:

- Literature review and POWER project background;
- Requirement's analysis and specification;
- Design of new modules and mechanisms;
- Development, validation, and integration of the solution in the POWER framework;
- Writing of documentation and participation in the project dissemination tasks.

Regime: The attribution of the fellowship does not generate or entitle a relation of a legal-labour nature, and the fellowship is undertaken in an exclusive dedication regime. The fellowship holder is awarded the Fellowship Statute of the UC, in its current wording, according to the Research Fellowship Holder Statute, and according to the Regulation for Research Fellowships of the Fundação para a Ciência e a Tecnologia, I.P., both in their current wording.

Location: Department of Informatics Engineering, Faculty of Science and Technology at the University of Coimbra.

Duration: 6 months.

Renewal: Eventually renewable.

Scientific orientation: Professors Edmundo Heitor da Silva Monteiro e Vasco Nuno Sousa Simões Pereira.

Financial conditions: The amount of the fellowship is € 1.104,64 corresponding to the monthly compensation stipulated in the FCT table (<https://www.fct.pt/apoios/bolsas/valores.phtml.en>), plus social security (Seguro Social Voluntário, first level contributions), tuition fees in the amount of € 2,750.00 per academic year, supported by own resources and personal accidents insurance. The payment will be made by bank

transfer. This amount will not be increased during the entire period of the fellowship duration.

Selection methods: Curriculum analysis (50%) and interview (50%).

Selection criteria: The evaluation of the CV will focus on:

- Academic curriculum (30%);
- Scientific publications (20%).

The Interview will focus on:

- Knowledge in computer networks, cloud systems, information systems, or artificial intelligence (30%);
- Motivation (20%).

Jury responsible for selection: Professors Edmundo Heitor da Silva Monteiro, Marco Paulo Amorim Vieira e Vasco Nuno Sousa Simões Pereira.

In the absence or impediment of any member of the Jury, will be replaced by Professors Paulo Alexandre Ferreira Simões, Tiago José dos Santos Martins da Cruz, Hugo Ricardo Gonçalo Oliveira, João Nuno Gonçalves Costa Cavaleiro Correia, Catarina Helena Branco Simões da Silva, Paulo Fernando Pereira de Carvalho, Jorge Manuel Oliveira Henriques, Fernando Jorge Penousal Martins Machado, Nuno António Marques Lourenço, Licínio Gomes Roque and Paulo José Osório Rupino da Cunha.

Formalization of application: Applications must be performed by sending the following mandatory elements:

1. Detailed curriculum vitae including academic titles and top publications;
2. Master's Degree Certificate with the list of grades obtained;
3. The intention of enrolment in a Ph.D. Program or in a course not conferring an academic degree (mentioned in the application) or Proof of enrolment in a Ph.D. Program or in a course not conferring an academic degree (Optional - must be presented until the fellowship is contractualized);
4. Motivation Letter;
5. Declaration mentioned below.

Declaration on the honor of the candidate(s) with the indication of the fellowship(s) of the typology to which the contest was held and the respective duration(s).

Applicants with academic degrees obtained abroad will be required to present a Certificate of Recognition in accordance with applicable law. This document is mandatory only in the contractualization phase.

Applications submission: Applications must be sent to the following e-mail addresses: carlalopes@dei.uc.pt and vasco@dei.uc.pt, clearly indicating the application reference "POWER-778729".

Submission of applications: Between 09/12/2021 and 22/12/2021.

Submission deadline date: 22/12/2021.

Additional information: The evaluation results will be announced within 90 working days after the end of the applications submission deadline, by notifying the applicants via email. After the announcement of the results, candidates are considered automatically notified to, if they wish to do so, comment on the results on a preliminary hearing period within 10 days after that date. After this, the selected candidates will have to declare in writing their acceptance. Unless a justification worthy of consideration is presented, if the declaration is not submitted within the referred period, it is considered that the candidate waives the fellowship. In case of resignation or withdrawal of the selected candidate, the next candidate with the highest evaluation score will be notified immediately.

Once the selection process is completed, the fellowship contract will be drawn up in accordance with the draft contract provided by the FCT.

After the contracted period, the fellowship holder and supervisor must prepare the final report in accordance with the respective assessment criteria that were established.

Selection reserve list: N.A.

Note: The award of the scholarship will depend on the contractualisation of funding.

More Information

ADDITIONAL INFORMATION

Web site for additional job details

Map Information



Job Work Location



Personal Assistance locations

WORK LOCATION(S)

5 position(s) available at
University of Coimbra
Portugal
Coimbra

EURAXESS offer ID: 716036

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