

Call for applications for non-statutory research staff positions
Tests for selecting a Researcher

CALL FOR APPLICATIONS: PI23043

CONDITIONS OF THE CALL FOR APPLICATIONS

1. Regulations

The regulations governing competitive selection processes are the following:

- Organic Law 6/2001, 21 December, of Universities, modified by Organic Law 4/2007, of 12 April, and the regulations under this law.
- Law 1/2003, of 19 February, of the Catalan universities, and the regulations under this law.
- Statute of the Universitat Rovira i Virgili, approved by the Governmental Agreement GOV/40/23022, of 8 March, of the Department of Research and Universities.
- Collective agreement of the teaching and research staff of the Catalan public universities, of 10 October 2006 (DOGC 14.02.07)
- Royal decree-law 32/2021, of 28 December, of urgent measures for employment reform, the guarantee of employment stability and the transformation of the job market
- Royal decree-law 8/2022, of 5 April, for the adoption of urgent measures in the field of non-statutory contracts of the Spanish System of Science, Technology and Innovation.

2. Details of the position

- Department: Department of Chemical Engineering
- Principal investigator or person in charge: Dr. Fèlix Llovell
- Category/scale: Researcher
- Line of research: Life Cycle Analysis and thermophysical properties evaluation of refrigeration and energy generation processes through computational modeling.
- Research project: "Novel and Engineered Working Fluids for the refrigeration and energy industry: TECHNical solutions with low global warming potential (NEW-F-Tech) - *Nuevos fluidos de trabajo diseñados para las industrias de la refrigeración y energía. Soluciones técnicas de bajo potencial de calentamiento global*".
- Project code: TED2021-130959B-I00
- Description of responsibilities:
 - This position will be hold in the framework of the Ecological Transition project NEW-F-TECH "Novel and Engineered Working Fluids for the refrigeration and energy industry: TECHNical solutions with low global warming potential". The candidate will work on Life Cycle Analysis of cooling cycles with new blends to compare environmental performance doing a cradle to grave analysis. Additionally, the candidate is expected to collaborate in the evaluation of thermophysical and energetic properties of refrigerants through molecular modelling and/or machine learning techniques.
- Location: Office 220, Department of Chemical Engineering

3. Contract description Details of employment contract:

- No Non-statutory research staff
- Fixed-term contract for carrying out the particular scientific or technical research project.
- Contract length: 1 year (01/12/2023 to 30/11/2024)
- Full time/part time: Part time (32 hours/week).
- Remuneration is that stipulated in the collective agreement of the teaching and research staff of the Catalan public universities (DOGC 14.02.2007) The annual gross salary will be 29.552,10 euros.
- Funding organisation: "*Este contrato es parte del proyecto de I+D+i TED2021-130959B-I00, financiado por MCIN/AEI /10.13039/501100011033 y por la Unión Europea NextGenerationEU/PRTR*".



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4. Candidate requirements

4.1 General:

Candidates must

- Be between 18 and the retirement age;
- Not have any illness that prevents them from carrying out their corresponding functions in a normal manner.
- Not have left the service of any of the public administrations for disciplinary reasons, or be forbidden from carrying out public functions; and
- Not be disqualified in any of the ways listed in Law 53/1984, of 26 December, regarding the disqualification of personnel from the public administrations.

4.2 Specific:

Candidates must

- Hold the title of doctor or equivalent.

The candidates must satisfy these requirements at the latest by the last day of the period for submitting applications.

4.3 Profile and merits to be assessed:

- PhD on Chemical Engineering, Environmental Engineering or Chemistry
- Experience on Life Cycle Analysis and the use of Sima Pro (or similar) software
- High level of English (C1 or similar)
- Knowledge on the use of molecular modeling tools (preferably SAFT) for thermodynamic calculations.
- Knowledge on machine learning techniques
- Knowledge on the study of cooling and energy cycles

5. Applications

5.1. Individuals who wish to participate in this competitive process and who meet the requirements to do so must present the corresponding application form by completing the model on the website of the URV: [Calls for Contracted Research Staff](#).

Applications should preferentially be submitted online via the URV's electronic registry. Click on the following link to the General Registry of the Universitat Rovira i Virgili: <https://seuelectronica.urv.cat/registre.html>, and then click on "Accés al registre electrònic" and fill in a "Instància genèrica" (general application form).

Other options for submitting applications are:

- A) The General Registry of the URV. See location and opening times at <https://seuelectronica.urv.cat/registre.html>
- B) The channels specified in article 16 of Law 39/2015, of 1 October, on the common administrative procedure of the public administrations (BOE no. 236, of 02/10/2015).

If the documentation is sent by any means other than the Electronic Registry or the General Registry of the Universitat Rovira i Virgili, the applicant must notify the Human Resources Service by sending an email to the address gestiodepi@urv.cat, before the deadline for applications, with the application and the appropriate justification attached.

Deadline for applications: **10th November 2023 included**

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5.2 In compliance with Law 39/2015, there is no need to send any documentation that the University can obtain from other administrations. However, the URV is in the process of implementing the corresponding interoperability tools for consulting information and documentation so the following documentation must be submitted with the application:

- a) General:
 - Photocopy of a valid Spanish identity card (DNI), foreigner identity card (NIE) or passport
- b) Specific:
 - Photocopy of the doctoral degree and any other qualifications
 - Research and professional curriculum with the corresponding supporting documents
 - Proof of payment of the registration fee

Those merits that are not accredited will not be taken into account.

Work experience can be accredited by means of work contracts, certificates issued by the company, employment history, etc.

5.3 Fees for registering for the application process:

- a) All applicants must pay a registration fee of €69.95 into the Universitat Rovira i Virgili's bank account: BBVA, ES5701 8260 35 4102 0161 8358, SWIFT: BBVAESMM. Applicants must give their name and surname, tax identification number and the code of the position for which they are applying, in compliance with the provisions of Legislative Decree 3/2008, of 25 June, which approves the revised text of the Law on taxes and public prices of the Catalan Government and order PRE/7/2022, of 9 February, which makes public the list of current fees of the Department of the Presidency, and all dependent bodies and institutions.
- b) Exemptions: Applicants are exempt from paying the fee if they are unemployed and receive no financial assistance, are retired, or can demonstrate that they have a disability equal to or greater than 33%. Any exemption must be accredited with the appropriate documentation. Applicants must demonstrate they are unemployed by including in their applications a certificate from the Oficina de Treball (Employment Office) or the Servicio Público de Empleo Estatal (Public State Employment Service) that confirms that they are seeking employment and receive no form of financial assistance. This certificate must be issued during the period for submitting applications. Applicants must also include a sworn statement in which they state that they are unemployed and that they receive no income from paid employment.
- c) Applicants who are eligible for any discount in the registration fee as established by order PRE/2022/7 must provide appropriate documentary proof.
- d) Applicants who do not make the payment, who only make part payment or who do not provide proof that they are exempt from payment or eligible for a discount will be excluded from the selection process.
- e) Applicants who are excluded from the selection process may request the return of their registration fee provided that they have not been excluded as a result of any infringement committed by them.
- f) Under no circumstances will payment to the bank be a substitute for submitting the application to the University before the deadline and in the manner described here.

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6. List of admitted and excluded candidates

Once the deadline for presenting applications has expired, a provisional list of candidates who have been admitted and excluded will be published on the URV's website, [Convocatòries de Personal Investigador Contractat \(Calls for Contracted Research Staff\)](#). The reason for exclusion may or may not be stated.

Within 10 calendar days, applicants can amend their application or, if appropriate, present their arguments to the Vice-Rector for Teaching and Research Staff.

Once the deadline described in the point above has expired, the definitive list of candidates who have been excluded and admitted will be published at the same address as the provisional list. Material errors can be amended at any time.

7. Committees

- Composition:

Chairperson: Dr. Fèlix Llovell Ferret
Secretary: Dra. Sandra Contreras Iglesias
Committee member: Dr. Roger Guimerà Manrique

Deputy chairperson: Dr. Josep Font Capafons
Deputy secretary: Dr. Laureano Jiménez Esteller
Deputy committee member: Dra. Marta Sales Pardo

8. Selection process

The selection committees must study and evaluate the research and professional curriculum of the candidates who have been admitted to the call for applications. The members of the committee may decide to hold a personal interview in order to verify that the candidate is suited to the needs of the University, as stated in the vacancy announcement. The committee must draw up a reasoned report on the merits of the candidates and make a binding proposal to the rector.

9. Proposal of candidates

Once the candidates have been evaluated, the committee will provide the rector of the University with a list, which will be binding, of all the candidates who have passed the selection process. The candidates will be listed in order of preference. The position may also be declared vacant. The Committee can make a unanimous or a majority decision. In the case of a majority decision, the dissenting member must state his/her assessment and rank the candidates assessed positively.

After seeing the proposal, the rector will pass a resolution naming a candidate for each vacancy in the order proposed by the committee until all the vacancies have been filled.

10. Signing the contract

From the day after the publication of the rector's resolution, candidates must submit the necessary documents to the Human Resources Service so that the contract can be signed.

If a candidate renounces their appointment or does not sign the contract, the rector will appoint the next candidate on the list in order of preference.

If the proposed candidate is from a non-EU country, he/she must comply with the necessary legal requisites in order to be employed and affiliated to the Social Security system.

Under no circumstances can the candidate begin work before he/she is affiliated to the Social Security system.

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11. Duration of the contract

In compliance with the fifth additional provision of Royal decree-law 32/2021, of 28 December, of urgent measures for employment reform, the guarantee of employment stability and the transformation of the job market, this contract will automatically be terminated when the scientific or technical research project for which it was entered into comes to an end.

12. Claims

Any interested party may lodge an administrative appeal against this call for applications and its conditions at the Administrative Court in Tarragona within two months, counting from the day after notification is received. An appeal for reversal can also be made to the Rector of the URV prior to the administrative appeal and within one month of the day after notification is received.

Likewise, interested parties can appeal to the rector of the URV against the actions of the committee within one month of having been informed of this decision. This appeal will be understood to have been rejected if the university administration publishes no resolution regarding the appeal within three months after it has been lodged. The opportunity to lodge an administrative appeal at the Administrative Court of Tarragona will expire six months from the day after the appeal lodged with the Rector has been rejected. If a resolution is published regarding the appeal lodged with the Rector, the interested party will have two months starting from the day after they have been notified of this to lodge an administrative appeal.

Likewise, interested parties may lodge any other appeal they deem necessary to defend their interests.

Proyecto TED2021-130959B-I00 financiado por:



INFORMATION ON PERSONAL DATA PROTECTION	
Data controller	The controller of your personal data is the Universitat Rovira i Virgili, tax number Q9350003A, with its registered headquarters at Carrer de l'Escorxador, s/n, 43003 Tarragona.
Purpose	Management of the staff selection process and covering vacancies for the University.
Rights	Data subjects have the rights of access, rectification, erasure, portability, limitation and opposition to processing and can exercise these rights by writing to the General Registry of the URV at the address of its registered headquarters or submitting the request to the University's General Registry in person or online in accordance with the procedure described at https://seuelectronica.urv.cat/registre.html.urv .
Further information	Data subjects can find additional information about the processing of personal data in the document entitled <i>Provisió i selecció de llocs de treball (Covering vacancies and selecting staff)</i> and about their rights at the URV's Processing Activities Registry, which is published at https://seuelectronica.urv.cat/rgpd , where they will also find the Privacy Policy of the URV. They can also ask our data protection officers any questions they may have about personal data protection at the email dpd@urv .