



UNIVERSITAT DE VALÈNCIA

RESOLUTION of 26 of June of 2025, of the Universitat de València, announcing the public offer of employment for different positions within this organisation with employment contracts under several lines of research.

The Rectorate of the Universitat de València, making use of the powers granted by article 50, in relation to article 3.2 of Organic Law 2/2023, of March 22, on the University System, resolves:

To open a call for the public offer of employment for several positions within this organisation with employment contracts in charge of several lines of research, as listed in the annexes of this resolution, in accordance with the following requirements:

One. General rules

1.1. The purpose of this offers is the selection of staff to fill several positions for several lines of research through the competition system.

1.2. In accordance with the provisions of Article 89 of Organic Law 2/2023, of 22 March, on the University System, this selection process must be carried out in accordance with the provisions of the aforementioned law and its implementing regulations.

The specific university regulations included in the Organic Law of the University System, the Law of Science and the Statutes of the Universitat de València, as well as in the regulations of this call, will also apply.

1.3. The selection processes for each call will be carried out through a competition that will consist of the evaluation of merits and an interview.

1.4. The allocation of positions to applicants who pass these selection processes will be carried out according to the order of points obtained, provided that they meet the requirements for each job position in the annex.

1.5. This call will be published in the Diari Oficial de la Generalitat Valenciana (DOGV), on the official notice board <https://webges.uv.es/uvTaeWeb/CambiarLenguajeDoAction.do?idioma=en&servicioNavegacion=-1&grupoNavegacion=-1> of the Universitat de València and on the website of the Human Resources Service (PAS), PAS Research Section, <https://www.uv.es/uvweb/administrative-service-staff/en/research-staff/calls/introduction-1285931138641.html>.

Publication in the DOGV will be taken as a reference for the purposes of calculating the deadlines for the submission of applications.

The other publications that derive from the events that form the selection process will be published on the official notice board and on the website of the Human Resources Service (PAS), PAS Research Section.

Two. General requirements for applicants

Applicants must meet the following requirements to be admitted:

2.1. Be a Spanish national, a national of a member country or be from any of the states in which, by virtue of international treaties established by the European Union and ratified by Spain, free movement of workers applies in the terms by which this legislation is defined in the Treaty of the European Union. In this event, it is necessary to submit proof of having applied for an EU residence card.

Likewise, applicants of nationalities other than those mentioned above may apply and will only need to meet the requirements established in current regulations. Applicants who are



allocated positions offered must provide proof of at least their work and residence permit at the time of hiring.

2.2. Be at least 16 years old on the day of the closing date of the application submission period.

2.3. Hold one of the academic qualifications that appear in the annexes corresponding to the call applied to, or be in a position to obtain the corresponding qualification on the closing date of the application submission period.

In the event that qualifications have been obtained abroad, at the time of hiring, it is necessary to be in possession of documents showing official homologation or declaration of equivalence in Spain, and a photocopy of the same must be attached to the application.

When qualifications have not been officially homologated or declared as equivalent, this requirement may be replaced by proof of having started the process for homologation or declaration of equivalence. The contract will be terminated if the competent academic authority denies homologation, understanding an application to be denied when it is conditioned to the fulfilment of certain requirements which have not been met.

2.4. When a language level is required, the Universitat de València Equivalence Table for L2 certification <https://www.uv.es/pasinvest/web/escrits-per-a-penjar-en-la-web/Taula-equivalencies-llengues-UV.pdf>, approved by the Agreement of the Consell de Govern de la Universitat de València of July 10, 2018 (ACGUV 156/2018) will be used for its evaluation. Language courses will not be evaluated, only the levels attained.

2.5. Not suffer from illness or be affected by physical or mental limitations that are incompatible with the exercise of the relevant duties.

2.6. Not be suspended from exercising public functions, or have been dismissed from any administrative or public position through disciplinary proceedings. Applicants who are not Spanish nationals must also prove that they are not subject to any disciplinary action or criminal conviction that prevents them from accessing the civil service. Failing this, a copy of an application for issuance must be provided, without prejudice to the sworn statement of the interested persons.

All these requirements must be met at the end of the application submission period and maintained during the selection process.

Applicants are responsible for the veracity of all the information stated in their application and the documentation provided, and may be liable in the event of falsehood, without prejudice to their exclusion from the selection process where relevant.

Three. Applications

3.1. Interested persons must meet the requirements indicated in the annex corresponding to the call applied to. Applicants must submit their applications, together with their CVs and documents showing their alleged merits through the electronic application form that the Universitat de València will make available to them and for which the link (URL) will be published on the Human Resources Service (PAS), PAS Research Section website <https://www.uv.es/uvweb/administrative-service-staff/en/research-staff/calls/introduction-1285931138641.html>, from the day when this resolution is published in the DOGV.

To complete the application form, the Universitat de València has made a guide available to interested persons that can be accessed at the following guide: <https://www.uv.es/uvweb/administrative-service-staff/en/research-staff/-guide-fill-application-form/application-guidelines-1286178596863.html>.



Those who have any difficulties carrying out the electronic procedure can access the Universitat de València ICT support tool via the following link: <https://www.uv.es/virtual-office/en/incidencies-i-comunicacions/incidencies-i-comunicacions.html>. For any other questions about the details of this call, please contact the team at the Human Resources Service (PAS), PAS Research Section, through the following link: https://tiqueting.uv.es/create-ticket?goto=form&organization=30&department=48&team=327&ticket_type=439&type=b oth.

3.2. The application submission period will close 10 business days from the next business day following the publication of this resolution in the Diari Oficial de la Generalitat Valenciana (DOGV).

Four. Documentation to be attached electronically

Several documents must be attached to the electronic form, preferably in PDF format. The said documentation must be inserted in the tabs and space allocated to it. As follows:

4.1. The PDF document of academic certificates or the receipt of issuance fees must be inserted in the fourth tab. In the case of foreign certificates, it will be necessary to show proof of the relevant recognition or equivalence, or have initiated procedures for the same.

Other PDF documents that show any other requirements necessary for the call must also be inserted in this tab.

4.2. The PDF document of the National Identity Document (DNI), Passport or Foreigners' Identification Number (NIE) must be inserted in the fifth tab. These last two documents are only required if the applicant is not a Spanish national.

4.3. The CV must also be inserted in the fifth tab as a PDF document or ZIP, through the model set out at the following link: <https://www.uv.es/uvweb/administrative-service-staff/en/research-staff/-guide-fill-application-form/sample-curriculum-vitae-1286178597054.html>

It will not be necessary for the attached documents to be duly certified at this point in the procedure. A sworn statement made by the interested person on the authenticity of everything stated in the application and the attached documents will be sufficient, without prejudice to the fact that the committee or Universitat de València may require applicants to prove the veracity of the circumstances and documents provided, and evaluated, at any time.

Five. Selection system

5.1. The selection process will be composed of a competition consisting of the evaluation committee's assessment of the applicants' curricular merits, and, where appropriate, conducting an interview.

Merits will be evaluated in accordance with the scale that appears in the annex corresponding to the call applied to. Merits for which proof has not been provided within the application submission period will not be taken into account for the resolution of the competition.

5.2. The committee may, if deemed appropriate, conduct an interview with the applicants. The number of applicants who continue to the interview phase will be determined by the criteria of the evaluation committee.

5.3. Once the selection process has ended, the applicants' scores will be published and proposals for hiring will be carried out through the Universitat de València official notice



board

<https://webges.uv.es/uvTaeWeb/CambiarLenguajeDoAction.do?idioma=en&servicioNavegacion=-1&grupoNavegacion=-1> and on the website. <https://www.uv.es/uvweb/administrative-service-staff/en/research-staff/calls/introduction-1285931138641.html>.

5.4. The allocation of positions called will be carried out by resolution of the management, and will also be published on the notice board and the website mentioned in point 5.3. of this regulation.

5.5. The evaluation committee may declare the selection procedure void in the event that, after evaluating the merits and, where appropriate, conducting interviews, the profiles of the candidates with the best scores do not fully meet the profile of the position and the needs of the research line.

5.6. The job pools that derive from these selection processes will remain in force for the duration of the research line for which the calls were opened. Calls to applicants will be made according to the order of the pool.

Six. Evaluation Committee

6.1. The evaluation committee is that which appears in the annex corresponding to each call.

6.2. The provisions of the Agreement of the Consell de Govern de la Universitat de València (ACGUV/303/2021) which approves the Roadmap on public integrity measures, prevention and fight against fraud, corruption and conflicts of interest will apply to the members of this committee.

To this end, they must complete the relevant declaration of absence of conflict of interest (DACI), which will be attached to the committee's constitution certificate, and form part of the administrative file. There will be a model standardised by the Universitat de València on the following website: <https://www.uv.es/uvweb/administrative-service-staff/en/research-staff/internal-management-recruitment/dacis-1286158520581.html>

6.3. The committee will clarify all questions that may arise in the application of these rules and everything that must be done in unforeseen cases.

6.4. The committee's procedure for action will meet the provisions of Law 40/2015, of 1 October, on the Legal Regime of the Public Sector at all times.

6.5. For communication and any problems that may arise, the evaluation committee's office will be located in the place indicated in the annex corresponding to the call applied to.

Seven. Hiring

7.1. Once the selection processes of this call have been completed, the contracts will be executed in writing and the most appropriate contractual arrangements from those in force at the time of this execution will be used for the purpose of the same.

7.2. The start date will be set out in the proposed contract, depending on the needs of the line of research and provided that it is administratively feasible.

7.3. Contracts may be terminated for any of the causes provided for in the Workers' Statute or in other applicable legislation, in addition to those stated in the contract itself. Among these, the following will be established:

7.3.1. Completion or exhaustion of the budget allocation.

7.3.2. Completion of the tasks assigned to the employee's position within the project.

7.3.3. Completion of the project.



Eight. Information on collected data

8.1. The Universitat de València is the entity responsible for the data provided by applicants for this selection process. The information received will be exclusively processed for the purposes of the call in addition to subsequent staff management, where appropriate, in accordance with the provisions of existing data protection regulations.

Part of the data may be published on the Official Notice Board of the Universitat de València and on the website of the Research Management Section. In addition, data will also be transferred to the members of the evaluation committee for the assessment of merits and, where relevant, to resolve any complaints made.

8.2. Those who wish to access the selection process file and consult the data of other applicants must previously request access from the Evaluation Committee or the Human Resources Service (PAS), PAS Research Section.

In the abovementioned request they commit to keeping the duty of confidentiality of the data and using the appropriate discretion, only being able to use the data for the purpose of raising a possible complaint or allegation.

The use or disclosure of this data other than in the cases mentioned above may imply liability in accordance with current legislation.

8.3. For more information on data processing, please consult the following link: <https://www.uv.es/pasinvest/web/escrits-per-a-penjar-en-la-web/guia-presentacio-solicit/Proteccio-Datos-UV-cast.pdf>

Nine. Language clause

The full text of this resolution and annexes have been written in English, Valencian and Spanish. All three versions are official; however, the Spanish version is to be used in case of discrepancy.

Ten. Appeals

An optional appeal for reconsideration may be filed against this resolution, which exhausts administrative remedies, before the same body that issued the resolution within a period of one month from the day following its notification or publication. A contentious-administrative appeal may be filed before the bodies of the contentious-administrative jurisdiction of the Community of Valencia within a period of two months from the day following its notification.

The appeal provided for in Law 39/2015, of 1 October, of the Common Administrative Procedure of Public Administrations may be filed against the actions of the evaluation committee.

Likewise, the administration, if appropriate, may review the resolutions of the court in accordance with the aforementioned regulation.

Valencia, 26 of june of 2025. The rector, by delegation (DOGV 30/05/2022), the Manager: Juan Vicente Climent Espí.



ANNEX I

Project: «Indicadores medioambientales y fenómenos adversos en la Comunidad Valenciana usando datos de satélite. CPI-25-323», Prometheus programme for research groups of Excellence of the Regional Department of Education, Universities and Employment (currently: Regional Department of Education, Culture, Universities and Employment), (CIPROM/2023/42) grants announced by the Resolution of October 20, 2023, for the 2024 financial year, in charge of the research line: «Análisis multitemporal de imágenes de satélite».

Public offer of employment for a junior PhD researcher position.

1. General conditions of the position offered

1.1. Job title and classification:

Junior PhD researcher.

Group: A.

1.2. Working hours: 37 hours per week.

1.3. Provision of the grant: the purpose of this grant will be to fund the salary, among other items. The monthly gross salary, full-time, will be 2,392.82 euros (12 payments).

1.4. Functions and tasks to be carried out:

- Satellite image processing.
- Simulations.
- On-site measurement campaigns.
- Report preparation.
- Publication of results in international journals.

1.5. Purpose and duration: generate biophysical parameter maps from remote sensing data.

The contract will be determined by the duration of the line of research and budgetary availability.

Once the duration of this first project or its budget availability has ended, the person who is awarded the place may join other projects belonging to the same line of funded research.

1.6. Requirements

1.6.1. Qualifications: PhD.

The qualification must have been obtained a maximum of 4 years prior to the publication of the call; the date when the PhD was awarded will be understood as the date of reading and passing the doctoral thesis.

2. Scale

2.1. Scientific Production (up to 40 points): thesis supervision, publication of scientific articles, books, book chapters and monographs and presentation of work in scientific meetings will be evaluated according to the Scale for the evaluation of the current Annual Research Report at the time of the publication of the call.

2.2. Preferential merits related to the purpose of the contract (up to 20 points): the Tribunal may agree to conduct an interview in order to better specify the evaluation of preferential merits.

- Degree in Physics, or in the branch of Architecture and Engineering.
- Master in Remote Sensing.



- IDL and Python programming.
- Processing satellite images from Sentinel, LANDSAT, TERRA, and AQUA.
- Processing images from airborne sensors.
- Field Radiometry in the Thermal Environment.
- Database management.

2.3. Participation in competitive research projects (up to 15 points):

2.3.1. For each year of certified participation as a full-time team member of research projects in competitive calls of the National R&D Plan or Autonomous Programmes, 3 points will be assigned.

2.3.2. For each year of certified participation as a team member of European research projects, 5 points will be assigned.

2.4. Participation in knowledge transfer activities (up to 15 points):

2.4.1. For each year of certified participation as a full-time team member of contracts and agreements to carry out research projects, 3 points will be assigned. Services, consulting and training activities are excluded from this scale.

2.4.2. For appearing as co-inventor/co-author of patents, utility models or other types of industrial or intellectual property, 5 points will be assigned.

2.5. Postdoctoral stays at universities and research centres other than the centre where the doctoral thesis was obtained (up to 10 points):

2.5.1. For each certified year of stays at other universities and research centres funded by competitive calls of the European Framework Programme, National R&D Plan or Autonomous Programmes, 5 points will be assigned. The stays must have a minimum duration of 30 consecutive days.

2.5.2. For each certified year of stays at other universities and research centres without competitive funding, 2 points will be assigned. The stays must have a minimum duration of 30 consecutive days.

3. Evaluation committee members

President: Juan Carlos Jimenez Muñoz, professor at the Departament de Física de la Terra i Termodinàmica.

Member 1: Jose Antonio Sobrino Rodriguez, professor at the Departament de Física de la Terra i Termodinàmica.

Member 2: Vicente Muñoz Sanjose, professor at the Departament de Física Aplicada i Electromagnetisme.

Member 3: M Victoria Castillo Gimenez, professor at the Departament de Física Atòmica, Molecular i Nuclear.

Secretary: Maria Jesus Hernandez Lucas, professor at the Departament de Física de la Terra i Termodinàmica.

4. Alternate evaluation committee

President: Guillem Pau Soria Barres, professor at the Departament de Física de la Terra i Termodinàmica.

Member 1: Gustau Camps Valls, professor at the Departament d'Enginyeria Electrònica.

Member 2: Francisco Javier Garcia Haro, professor at the Departament de Física de la Terra i Termodinàmica.

Member 3: M del Carmen Martinez Tomas, professor at the Departament de Física Aplicada i Electromagnetisme.



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Secretary: Pascuala Garcia Martinez, professor at the Departament d'Òptica i Optometria i Ciències de la Visió.

For communication and any problems that may arise, the evaluation committee will be based at the Estructura de Recerca Interdisciplinar - Laboratori de Processament d'Imatges (IPL), of the Universitat de València.

ANNEX II

Project: «Aprendizaje automático para la detección y cuantificación de emisiones de metano desde el espacio (CH4AI). CPI-25-335», co-financed by the State Research Agency -AEI-, Ministry of Science, Innovation and Universities and by the European Union through the European Regional Development Fund -ERDF-in charge of the research line: «Machine learning for remote sensing image processing (ML4RSIP)».

Public offer of employment for two graduate researcher positions.

1. General conditions of the position offered

1.1. Job title and classification:

Graduate Researcher.

Group: A

Subgroup: A1.

1.2. Working hours: 35 hours per week.

1.3. Provision of the grant: the purpose of this grant will be to fund the salary, among other items. The monthly gross salary, full-time will be 1,651.13 euros (12 payments).

1.4. Functions and tasks to be carried out:

- Develop automatic algorithms for methane detection in images acquired by Earth observation satellites.
- Application of image processing methods for feature extraction.
- Development of novel machine learning algorithms.

1.5. Purpose and duration: development of statistical learning methods for the detection of methane in remote sensing satellite images.

The contract will be determined by the duration of the line of research and budgetary availability.

Once the duration of this first project or its budget availability has ended, the person who is awarded the place may join other projects belonging to the same line of funded research.

1.6. Requirements

1.6.1. Qualifications: Degree in Data Science, or in Data Science and Artificial Intelligence, or in Data Science and Engineering or in Data Systems Engineering, or in Geomatics Engineering and Topography, or in Geoinformation Engineering and Geomatics, or in Geographic Engineering

According to Article 9 of the Regulations for UV Research Staff, once the PhD has been awarded, the contract will be terminated within 30 days from the date when the said qualification is awarded.

2 Scale

2.1. Preferred merits



2.1.1. The average mark of the academic transcript in the studies of licenciaturas (former Spanish 5-year degrees), architecture, engineering, undergraduate degrees, diplomaturas (former Spanish 3-year degree), technical architecture or technical engineering, on a scale of 0 to 10, calculated in accordance with Royal Decree 1125/2003, of 5 September, which establishes the European system of credits and the qualification system for official degree programmes, regarding the total credits evaluated in the first and second cycle.

2.1.2. Collaboration Grant from the Ministry of Education: 0.05 points

2.1.3. Extraordinary Award in a diplomatura, licenciatura, undergraduate degree or master's degree: a single value of 0.25 points will be assigned for obtaining any of these awards.

2.1.4. Scientific publications related to the contract objective (up to a maximum of 1.70 points):

2.1.4.1. For each publication in a journal listed in the Citation Index, or, in the case of Social Sciences and Humanities, in a journal deemed equivalent by the research committee: 0.5 points

2.1.4.2. For each publication in scientific journals not listed in the previous point: 0.25 points

2.1.4.3. For each participation in congresses or other national or international scientific gatherings with a paper, presentation or poster: 0.05 points

2.2. Other preferred merits related to the contract objective (up to a maximum of 3 points).

- Master's degree in Artificial Intelligence or Master in Digital Earth.
- Knowledge of machine learning, deep learning, and satellite image processing.
- Experience with deep learning algorithms applied to super-resolution satellite imagery.
- Experience with data analysis and processing of Sentinel-2 satellite images.
- Experience with advanced programming in R, Python, PyTorch, and GEE.
- Work experience or internship in geo/aerospace agencies.
- Work experience or internship as a data scientist.

The committee may agree to conduct an interview in order to better determine the value of the preferred merits.

3. Evaluation committee members

President: Jose Antonio Sobrino Rodriguez, professor at the Departament de Física de la Terra i Termodinàmica.

Member 1: Luis Gomez Chova, professor at the Departament d'Enginyeria Electrònica.

Member 2: Jaume Segura Garcia, professor at the Departament d'Informàtica.

Member 3: Veronica Romero Gomez, professor at the Departament d'Informàtica.

Secretary: Miriam Gil Pascual, profesor at the Departament de d'Informàtica.

4. Alternate evaluation committee

President: Julia Carmen Amoros Lopez profesor at the Departament d'Enginyeria Electrònica.

Member 1: María Piles Guillem, profesor ath the Departament d'Enginyeria Electrònica.

Member 2: Abilio Candido Reig Escriba, professor at the Departament d'Enginyeria Electrònica.

Member 3: Asunción Edith Navarro Anton, profesor at the Departament d'Enginyeria Electrònica.



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Secretary: Julio Martos Torres, professor at the Departament d'Enginyeria Electrònica.

For communication and any problems that may arise, the evaluation committee will be based at the Estructura de Recerca Interdisciplinar - Laboratori de Processament d'Imatges (IPL) of the Universitat de València.

ANNEX III

Project: «Artificial Intelligence and Machine Learning for Enhanced Representation of Processes and Extremes in Earth System Models (AI4PEX). CPI-25-344». in charge of the research line: «Artificial intelligence for earth observation».

Public offer of employment for a junior PhD researcher position.

1. General conditions of the position offered

1.1. Job title and classification:

Junior PhD researcher.

Group: A.

1.2. Working hours: 37 hours per week.

1.3. Provision of the grant: the purpose of this grant will be to fund the salary, among other items. The monthly gross salary, full-time, will be 2,392.82 euros (12 payments).

1.4. Functions and tasks to be carried out:

- Development of learning and explainability algorithms for the study and comparison of climate models and observational data.

1.5. Purpose and duration: learning algorithms, explainability, causality, climate models.

The contract will be determined by the duration of the line of research and budgetary availability.

Once the duration of this first project or its budget availability has ended, the person who is awarded the place may join other projects belonging to the same line of funded research.

1.6. Requirements

1.6.1. Qualifications: PhD.

The qualification must have been obtained a maximum of 4 years prior to the publication of the call; the date when the PhD was awarded will be understood as the date of reading and passing the doctoral thesis.

2. Scale

2.1. Scientific Production (up to 40 points): thesis supervision, publication of scientific articles, books, book chapters and monographs and presentation of work in scientific meetings will be evaluated according to the Scale for the evaluation of the current Annual Research Report at the time of the publication of the call.

2.2. Preferential merits related to the purpose of the contract (up to 20 points): the Tribunal may agree to conduct an interview in order to better specify the evaluation of preferential merits.

- PhD in Atmospheric Sciences.
- Publication of articles in high-impact journals.
- Experience in Machine Learning and Explainable AI techniques applied to environmental sciences.



- Use of Random Forest, Deep Learning, and XAI in environmental data.
- Participation in the development of national or global datasets.
- Soil, moisture, and carbon flux data.
- Knowledge and application of physical models and environmental simulations.
- Modeling of soil moisture, greenhouse gas emissions, etc.
- International and multidisciplinary collaborations.
- Contributions to studies on climate change and water resource management.
- Prediction of agricultural droughts, diagnosis of wastewater treatment processes.

2.3. Participation in competitive research projects (up to 15 points):

2.3.1. For each year of certified participation as a full-time team member of research projects in competitive calls of the National R&D Plan or Autonomous Programmes, 3 points will be assigned.

2.3.2. For each year of certified participation as a team member of European research projects, 5 points will be assigned.

2.4. Participation in knowledge transfer activities (up to 15 points):

2.4.1. For each year of certified participation as a full-time team member of contracts and agreements to carry out research projects, 3 points will be assigned. Services, consulting and training activities are excluded from this scale.

2.4.2. For appearing as co-inventor/co-author of patents, utility models or other types of industrial or intellectual property, 5 points will be assigned.

2.5. Postdoctoral stays at universities and research centres other than the centre where the doctoral thesis was obtained (up to 10 points):

2.5.1. For each certified year of stays at other universities and research centres funded by competitive calls of the European Framework Programme, National R&D Plan or Autonomous Programmes, 5 points will be assigned. The stays must have a minimum duration of 30 consecutive days.

2.5.2. For each certified year of stays at other universities and research centres without competitive funding, 2 points will be assigned. The stays must have a minimum duration of 30 consecutive days.

3. Evaluation committee members

President: Jose Antonio Sobrino Rodriguez, professor at the Departament de Física de la Terra i Termodinàmica.

Member 1: Gustau Camps Valls, professor at the Departament d'Enginyeria Electrònica.

Member 2: Jaume Segura Garcia, professor at the Departament d'Informàtica.

Member 3: Asuncion Edith Navarro Anton, professor at the Departament d'Enginyeria Electrònica.

Secretary: Pascuala Garcia Martinez, professor at the Departament d'Òptica i Optometria i Ciències de la Visió.

4. Alternate evaluation committee

President: Luis Gomez Chova, professor at the Departament d'Enginyeria Electrònica.

Member 1: Maria Piles Guillem, professor at the Departament d'Enginyeria Electrònica.

Member 2: Abilio Candido Reig Escrivà, professor at the Departament d'Enginyeria Electrònica.

Member 3: Isabel Cordero Carrion, professor at the Departament de Matemàtiques.



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Secretary: Susana Planelles Mira, professor at the Departament d'Astronomia i Astrofísica.

For communication and any problems that may arise, the evaluation committee will be based at the Estructura de Recerca Interdisciplinar - Laboratori de Processament d'Imatges (IPL), of the Universitat de València.

ANNEX VI

Project: «LlandScape Of canceR multimorbidities in people with central nervOus system disorder: aLigning electronics Health Records, preclinical research and ommics dAta for translational science (SOROLLA projet). CPI-25-347», Prometheus programme for research groups of Excellence of the Regional Department of Innovation, Universities, Science and Digital Society (currently: Regional Department of Education, Culture, Universities and Employment), (CIPROM/2022/58), grants announced by Resolution of October 06, 2022, for the 2023 financial year, in charge of the research line: «Multimorbilidad/comorbilidad y salud mental».

Public offer of employment for a junior PhD researcher position.

1. General conditions of the position offered

1.1. Job title and classification:

Junior PhD researcher.

Group: A.

1.2. Working hours: 37 hours per week.

1.3. Provision of the grant: the purpose of this grant will be to fund the salary, among other items. The monthly gross salary, full-time, will be 2,392.82 euros (12 payments).

1.4. Functions and tasks to be carried out:

- Test administration and correction, case follow-up.
- Baseline and follow-up data entry.
- Database maintenance.
- Authorized data extraction from electronic medical records.
- Capture, storage, and processing of electronic data from public databases.
- Preparation of systematic reviews and meta-analyses.
- Advanced BIGDATA data mining.
- Updating and incorporating data into each work package.
- Document classification and archiving, and report writing.
- Statistical analysis and interpretation of results.
- Dissemination of results: collaboration on publications, participation in scientific outreach activities.

1.5. Purpose and duration: systematic reviews and meta-analyses. Multimorbidity between cancer and central nervous system diseases.

The contract will be determined by the duration of the line of research and budgetary availability.

Once the duration of this first project or its budget availability has ended, the person who is awarded the place may join other projects belonging to the same line of funded research.

1.6. Requirements



1.6.1. Qualifications: PhD.

The qualification must have been obtained a maximum of 4 years prior to the publication of the call; the date when the PhD was awarded will be understood as the date of reading and passing the doctoral thesis.

2. Scale

2.1. Scientific Production (up to 40 points): thesis supervision, publication of scientific articles, books, book chapters and monographs and presentation of work in scientific meetings will be evaluated according to the Scale for the evaluation of the current Annual Research Report at the time of the publication of the call.

2.2. Preferential merits related to the purpose of the contract (up to 20 points): the Tribunal may agree to conduct an interview in order to better specify the evaluation of preferential merits.

- Bachelor/degree in Health Sciences.
- Master in Basic and Applied Neurosciences.
- Doctor of Medicine, specializing in Psychiatry.
- Experience in systemic reviews and meta-analyses.
- Experience in an established research group in the field of mental health.
- Experience in identifying neurocognitive and functional deficits.

2.3. Participation in competitive research projects (up to 15 points):

2.3.1. For each year of certified participation as a full-time team member of research projects in competitive calls of the National R&D Plan or Autonomous Programmes, 3 points will be assigned.

2.3.2. For each year of certified participation as a team member of European research projects, 5 points will be assigned.

2.4. Participation in knowledge transfer activities (up to 15 points):

2.4.1. For each year of certified participation as a full-time team member of contracts and agreements to carry out research projects, 3 points will be assigned. Services, consulting and training activities are excluded from this scale.

2.4.2. For appearing as co-inventor/co-author of patents, utility models or other types of industrial or intellectual property, 5 points will be assigned.

2.5. Postdoctoral stays at universities and research centres other than the centre where the doctoral thesis was obtained (up to 10 points):

2.5.1. For each certified year of stays at other universities and research centres funded by competitive calls of the European Framework Programme, National R&D Plan or Autonomous Programmes, 5 points will be assigned. The stays must have a minimum duration of 30 consecutive days.

2.5.2. For each certified year of stays at other universities and research centres without competitive funding, 2 points will be assigned. The stays must have a minimum duration of 30 consecutive days.

3. Evaluation committee members

President: Jose Tomas Real Collado, professor at the Departament de Medicina.

Member 1: Rafael Tabares Seisdedos, professor at the Departament de Medicina.

Member 2: Julian Carretero Asuncion, professor at the Departament de Fisiologia.

Member 3: Rosa Noguera Salva, professor at the Departament de Patologia.

Secretary: Gloria Vta Segarra Irles, professor at the Departament de Fisiologia.



4. Alternate evaluation committee

President: Sergio Martinez Hervás, professor at the Departament de Medicina.

Member 1: Maria Dolores Ortiz Masia, professor at the Departament de Medicina.

Member 2: Manuel Mata Roig, professor at the Departament de Patologia.

Member 3: Aurora M Gonzalez Teruel, professor at the Departament d'Història de la Ciència i Documentació.

Secretary: Consuelo Borrás Blasco, professor at the Departament de Fisiologia.

For communication and any problems that may arise, the evaluation committee will be based at the Departament de Medicina, of the Facultat de Medicina i Odontologia, of the Universitat de València.

ANNEX V

Project: «MRR/P6: Determinación de la eficiencia cuántica de semiconductores. CPI-25-351». co-financed by the Ministry for Digital Transformation and the Public Service, Recovery, Transformation and Resilience Plan of the European Union, "European Union - NextGenerationEU", in charge of the research line: «Materiales fotónicos».

Public offer of employment for a junior PhD researcher position.

1. General conditions of the position offered

1.1. Job title and classification:

Junior PhD researcher.

Group: A.

1.2. Working hours: 37 hours per week.

1.3. Provision of the grant: the purpose of this grant will be to fund the salary, among other items. The monthly gross salary, full-time, will be 2,392.82 euros (12 payments).

1.4. Functions and tasks to be carried out:

- Modification of an experimental setup for photoluminescence measurements.
- Performance of photoluminescence quantum efficiency measurements.
- Characterization of various semiconductor samples (including perovskites, quantum dots, and 2D materials).
- Preparation of reports, scientific publications, and presentation of results at conferences.

1.5. Purpose and duration: develop optical measurement methods to obtain the photoluminescence conversion efficiency in semiconductor samples.

The contract will be determined by the duration of the line of research and budgetary availability.

Once the duration of this first project or its budget availability has ended, the person who is awarded the place may join other projects belonging to the same line of funded research.

1.6. Requirements

1.6.1. Qualifications: PhD.

The qualification must have been obtained a maximum of 4 years prior to the publication of the call; the date when the PhD was awarded will be understood as the date of reading and passing the doctoral thesis.



2. Scale

2.1. Scientific Production (up to 40 points): thesis supervision, publication of scientific articles, books, book chapters and monographs and presentation of work in scientific meetings will be evaluated according to the Scale for the evaluation of the current Annual Research Report at the time of the publication of the call.

2.2. Preferential merits related to the purpose of the contract (up to 20 points): the Tribunal may agree to conduct an interview in order to better specify the evaluation of preferential merits.

- PhD in Physics, or in Chemistry, or in Electronic Engineering, or in Telecommunications Engineering.

- Knowledge or experience in optical spectroscopy and photoluminescence, especially in determining quantum efficiencies.

- Experience with optical setups and measurement equipment.

- Experience with perovskites, quantum dots, or 2D materials.

2.3. Participation in competitive research projects (up to 15 points):

2.3.1. For each year of certified participation as a full-time team member of research projects in competitive calls of the National R&D Plan or Autonomous Programmes, 3 points will be assigned.

2.3.2. For each year of certified participation as a team member of European research projects, 5 points will be assigned.

2.4. Participation in knowledge transfer activities (up to 15 points):

2.4.1. For each year of certified participation as a full-time team member of contracts and agreements to carry out research projects, 3 points will be assigned. Services, consulting and training activities are excluded from this scale.

2.4.2. For appearing as co-inventor/co-author of patents, utility models or other types of industrial or intellectual property, 5 points will be assigned.

2.5. Postdoctoral stays at universities and research centres other than the centre where the doctoral thesis was obtained (up to 10 points):

2.5.1. For each certified year of stays at other universities and research centres funded by competitive calls of the European Framework Programme, National R&D Plan or Autonomous Programmes, 5 points will be assigned. The stays must have a minimum duration of 30 consecutive days.

2.5.2. For each certified year of stays at other universities and research centres without competitive funding, 2 points will be assigned. The stays must have a minimum duration of 30 consecutive days.

3. Evaluation committee members

President: Juan Pascual Martinez Pastor, professor at the Departament de Física Aplicada i Electromagnetisme.

Member 1: Jose Marques Hueso, researcher at the Institut Universitari de Ciència dels Materials.

Member 2: Vicente Muñoz Sanjose, professor at the Departament de Física Aplicada i Electromagnetisme.

Member 3: Asuncion Edith Navarro Anton, professor at the Departament d'Enginyeria Electrònica.

Secretary: M del Carmen Martinez Tomas, professor at the Departament de Física Aplicada i Electromagnetisme.



4. Alternate evaluation committee

President: M Sonia Murcia Mascaros, professor at the Departament de Química Inorgànica.

Member 1: Teresa Ripolles Sanchis, researcher at the Institut Universitari de Ciència dels Materials.

Member 2: Abilio Candido Reig Escriva, professor at the Departament d'Enginyeria Electrònica.

Member 3: Juan Jose Martinez Dura, professor at the Departament d'Informàtica.

Secretary: Maria Jesus Hernandez Lucas, professor at the Departament de Física de la Terra i Termodinàmica.

For communication and any problems that may arise, the evaluation committee will be based at the Institut Universitari de Ciència dels Materials (ICMUV), of the Universitat de València.

ANNEX VI

Project: «Estudio de eyecciones de fuentes de alta energía: modelos analíticos y simulaciones numéricas. CPI-25-372». co-financed by the State Research Agency -AEI-, Ministry of Science, Innovation and Universities and by the European Union through the European Regional Development Fund -ERDF-, in charge of the research line: «Astrofísica relativista i d'altres energies».

Public offer of employment for a junior PhD researcher position.

1. General conditions of the position offered

1.1. Job title and classification:

Junior PhD researcher.

Group: A.

1.2. Working hours: 37 hours per week.

1.3. Provision of the grant: the purpose of this grant will be to fund the salary, among other items. The monthly gross salary, full-time, will be 2,392.82 euros (12 payments).

1.4. Functions and tasks to be carried out:

- Simulation execution using code developed by the group, using the Mathematica programming language, to create a population of active galaxies at alt redshift.
- Analysis of the results in comparison with observational catalogues.

1.5. Purpose and duration: simulation of active galaxy populations in Alt Redshift using an existing code. Analysis of the results and comparison with observations.

The contract will be determined by the duration of the line of research and budgetary availability.

Once the duration of this first project or its budget availability has ended, the person who is awarded the place may join other projects belonging to the same line of funded research.

1.6. Requirements

1.6.1. Qualifications: PhD.



The qualification must have been obtained a maximum of 4 years prior to the publication of the call; the date when the PhD was awarded will be understood as the date of reading and passing the doctoral thesis.

1.6.2. Qualifications: Degree in Physics

2. Scale

2.1. Scientific Production (up to 40 points): thesis supervision, publication of scientific articles, books, book chapters and monographs and presentation of work in scientific meetings will be evaluated according to the Scale for the evaluation of the current Annual Research Report at the time of the publication of the call.

2.2. Preferential merits related to the purpose of the contract (up to 20 points): the Tribunal may agree to conduct an interview in order to better specify the evaluation of preferential merits.

- Knowledge of programming languages (primarily mathematica).
- Master in Advanced Physics.
- Experience in research on radio galaxy evolution.

2.3. Participation in competitive research projects (up to 15 points):

2.3.1. For each year of certified participation as a full-time team member of research projects in competitive calls of the National R&D Plan or Autonomous Programmes, 3 points will be assigned.

2.3.2. For each year of certified participation as a team member of European research projects, 5 points will be assigned.

2.4. Participation in knowledge transfer activities (up to 15 points):

2.4.1. For each year of certified participation as a full-time team member of contracts and agreements to carry out research projects, 3 points will be assigned. Services, consulting and training activities are excluded from this scale.

2.4.2. For appearing as co-inventor/co-author of patents, utility models or other types of industrial or intellectual property, 5 points will be assigned.

2.5. Postdoctoral stays at universities and research centres other than the centre where the doctoral thesis was obtained (up to 10 points):

2.5.1. For each certified year of stays at other universities and research centres funded by competitive calls of the European Framework Programme, National R&D Plan or Autonomous Programmes, 5 points will be assigned. The stays must have a minimum duration of 30 consecutive days.

2.5.2. For each certified year of stays at other universities and research centres without competitive funding, 2 points will be assigned. The stays must have a minimum duration of 30 consecutive days.

3. Evaluation committee members

President: Pablo Cerda Duran, professor at the Departament d'Astronomia i Astrofísica.

Member 1: Manel Perucho Pla, professor at the Departament d'Astronomia i Astrofísica.

Member 2: Vicente Muñoz Sanjose, professor at the Departament de Física Aplicada i Electromagnetisme.

Member 3: Maria Jesus Hernandez Lucas, professor at the Departament de Física de la Terra i Termodinàmica.

Secretary: Susana Planelles Mira, professor at the Departament d'Astronomia i Astrofísica.



4. Alternate evaluation committee

President: Jose Maria Marti Puig, professor at the Departament d'Astronomia i Astrofísica.

Member 1: Joan Josep Ferrando Bargues, professor at the Departament d'Astronomia i Astrofísica.

Member 2: Francisco Javier Garcia Haro, professor at the Departament de Física de la Terra i Termodinàmica.

Member 3: M Victoria Castillo Gimenez, professor at the Departament de Física Atòmica, Molecular i Nuclear.

Secretary: Isabel Cordero Carrion, professor at the Departament de Matemàtiques.

For communication and any problems that may arise, the evaluation committee will be based at the Departament d'Astronomia i Astrofísica, of the Facultat de Física, of the Universitat de València.

ANNEX VII

Project: «Nuevos organoides de edad definina para predecir reacciones adversas a fármacos. CPI-25-375». co-financed by the State Research Agency -AEI- and by the Ministry of Science, Innovation and Universities, in charge of the research line: «Envejecimiento molecular en enfermedades crónicas».

Public offer of employment for a junior PhD researcher position.

1. General conditions of the position offered

1.1. Job title and classification:

Junior PhD researcher.

Group: A.

1.2. Working hours: 37 hours per week.

1.3. Provision of the grant: the purpose of this grant will be to fund the salary, among other items. The monthly gross salary, full-time, will be 2,392.82 euros (12 payments).

1.4. Functions and tasks to be carried out:

- Development of optimized computing processes for single-cell analysis at the multi-omic level.
- Development of algorithms for ploidy prediction from single-cell transcriptomics data.
- Development of molecular clocks to predict accelerated aging.
- Maintenance of servers and computing equipment for bioinformatics data analysis.
- Maintenance of laboratory databases.
- Participation in laboratory tasks.
- Participation in the writing of scientific papers, projects, conferences, meetings in multidisciplinary projects, and teaching tasks related to computing.

1.5. Purpose and duration: bioinformatics analysis of single-cell RNA data, ATAC single-cell sequencing, multi-omics, and spatial transcriptomics.

The contract will be determined by the duration of the line of research and budgetary availability.

Once the duration of this first project or its budget availability has ended, the person who is awarded the place may join other projects belonging to the same line of funded research.



1.6. Requirements

1.6.1. Qualifications: PhD.

The qualification must have been obtained a maximum of 4 years prior to the publication of the call; the date when the PhD was awarded will be understood as the date of reading and passing the doctoral thesis.

1.6.2. Qualification: Bachelor/Degree in Health Sciences.

2. Scale

2.1. Scientific Production (up to 40 points): thesis supervision, publication of scientific articles, books, book chapters and monographs and presentation of work in scientific meetings will be evaluated according to the Scale for the evaluation of the current Annual Research Report at the time of the publication of the call.

2.2. Preferential merits related to the purpose of the contract (up to 20 points): the Tribunal may agree to conduct an interview in order to better specify the evaluation of preferential merits.

- Bachelor/Degree in Clinical Medicine.
- Master in Emergency Medicine.
- Advanced proficiency in Linux, R, and Python.
- Advanced proficiency in single-cell RNA sequencing, ATAC single-cell sequencing, and spatial transcriptomics.
- Advanced knowledge of artificial intelligence, such as machine learning.
- Experience in the field of aging and cellular heterogeneity in the liver.
- Experience in isolating blood cells in the context of cardiac disease and their subsequent processing for single-cell technologies.
- Experience in preparing libraries for massive sequencing.
- Advanced experience in the analysis of molecular clocks and DNA arrays.
- Sufficient English skills to hold meetings with foreign researchers, participate in international conferences, and, above all, prepare scientific articles.

2.3. Participation in competitive research projects (up to 15 points):

2.3.1. For each year of certified participation as a full-time team member of research projects in competitive calls of the National R&D Plan or Autonomous Programmes, 3 points will be assigned.

2.3.2. For each year of certified participation as a team member of European research projects, 5 points will be assigned.

2.4. Participation in knowledge transfer activities (up to 15 points):

2.4.1. For each year of certified participation as a full-time team member of contracts and agreements to carry out research projects, 3 points will be assigned. Services, consulting and training activities are excluded from this scale.

2.4.2. For appearing as co-inventor/co-author of patents, utility models or other types of industrial or intellectual property, 5 points will be assigned.

2.5. Postdoctoral stays at universities and research centres other than the centre where the doctoral thesis was obtained (up to 10 points):

2.5.1. For each certified year of stays at other universities and research centres funded by competitive calls of the European Framework Programme, National R&D Plan or Autonomous Programmes, 5 points will be assigned. The stays must have a minimum duration of 30 consecutive days.



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2.5.2. For each certified year of stays at other universities and research centres without competitive funding, 2 points will be assigned. The stays must have a minimum duration of 30 consecutive days.

3. Evaluation committee members

President: Juan Ferre Manzanero, professor at the Departament de Genètica.

Member 1: Celia Pilar Martinez Jimenez, researcher at the Institut Universitari de Biotecnologia i Biomedicina.

Member 2: Jesus Muñoz Bertomeu, professor at the Departament de Biologia Vegetal.

Member 3: Ester Carbo Valverde, professor at the Departament de Biologia Vegetal.

Secretary: Julia Victoria Marin Navarro, professor at the Departament de Bioquímica i Biologia Molecular.

4. Alternate evaluation committee

President: Fernando Aniento Company, professor at the Departament de Bioquímica i Biologia Molecular.

Member 1: Maria Jesus Marcote Zaragoza, professor at the Departament de Bioquímica i Biologia Molecular.

Member 2: Rodolfo Gozalo Gutierrez, professor at the Departament de Botànica i Geologia.

Member 3: Isabel Fariñas Gomez, professor at the Departament de Biologia Cel·lular, Biologia Funcional i Antropologia Física.

Secretary: Carolina Rausell Segarra, professor at the Departament de Genètica.

For communication and any problems that may arise, the evaluation committee will be based at the Institut Universitari de Biotecnologia i Biomedicina (BIOTECMED), of the Universitat de València.