



VNIVERSITAT ID VALÈNCIA

RESOLUTION of 15 of April 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, 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=both.

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



ANNEX I

Project: «Por una economía circular y sostenible: reutilización y valoración de aceites de fritura usados, VALCOOKOIL. CPI-25-158», co-financed by the European Union through the Operational Program of the European Regional Development Fund (ERDF) of the Valencian Community 2021-2027, by the Valencian Innovation Agency -AVI-, by the Valencian Institute of Competitiveness and Innovation - IVACE+i, in charge of the research line: «Desarrollo de metodologías para el control de calidad y medioambiental».

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:

- Synthesis of various MOFs.
- Study of MOF anchoring to foams.
- Evaluation of their capacity for the removal of harmful compounds.
- Preparation of summaries, scientific articles, and other documents related to project dissemination.

1.5. Purpose and duration: synthesis of MOFs and their application in food waste.

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 Chemical.

-Experience in separation and determination techniques using chromatography (thin-layer chromatography (TLC), gas chromatography coupled to mass spectrometry (GC-MS), liquid chromatography coupled to mass spectrometry (LC-MS), etc.).



-Experience in morphological characterization and mapping techniques (transmission electron microscopy, low and high resolution (TEM and HR-TEM), scanning electron microscopy (SEM), energy-dispersive X-ray fluorescence (EDX)).

-Experience in structural characterization techniques (Fourier-transform infrared spectroscopy (FTIR), powder X-ray diffraction (XRD), nuclear magnetic resonance spectroscopy (NMR), X-ray photoelectron spectroscopy (XPS), wide-angle X-ray scattering spectroscopy (WAXS)).

-Experience in spectroscopic characterization techniques (steady-state UV-vis-NIR absorption spectroscopy (liquid and solid state), steady state luminescence spectroscopy (liquid and solid state), transient absorption spectroscopy (femtosecond to millisecond range), time resolved luminescence spectroscopy (picosecond to millisecond range)).

-Experience in materials processing (preparation of membranes, foams, or nanoparticles).

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: Yolanda Moliner Martinez, professor at the Departament de Química Analítica.

Member 1: Ernesto Simo Alfonso, professor at the Departament de Química Analítica.

Member 2: Amparo Chafer Ortega, professor at the Departament d'Enginyeria Química.

Member 3: Carlos Gomez Garcia, professor at the Departament de Química Inorgànica.

Secretary: Laura Escuder Gilabert, professor at the Departament de Química Analítica.

4. Alternate evaluation committee

President: Maria Jesus Lerma Garcia, professor at the Departament de Química Analítica.

Member 1: Miriam Beneito Cambra, professor at the Departament de Química Analítica.

Member 2: Salvador Garrigues Mateo, professor at the Departament de Química Analítica.



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Member 3: Jose Manuel Herrero Martinez, professor at the Departament de Química Analítica.

Secretary: Carlos del Pozo Losada, professor at the Departament de Química Orgànica.

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

ANNEX II

Project: «INTeracción aeRosoles y nubes en la colUmna atmoSférica con técnicas de teledetección (INTRUSION). CPI-25-160», (CIAICO/2023/088). Grants to established research groups of the Regional Department of Education, Culture, Universities and Employment, announced by Resolution of October 20, 2023, for the 2024 financial year, in charge of the research line: «Estudio de la radiación y los aerosoles atmosféricos: Interacción con aerosoles y nubes. Forzamiento radiativo».

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: 20 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, part-time, will be 1,293.42 euros (12 payments).

1.4. Functions and tasks to be carried out:

- Application and interpretation of Mann-Kendal and regression techniques in radiation, air quality, and atmospheric particle data.

- Data analysis from the solar photometers and radiometers at the GRSV stations.

- Maintenance and analysis of data from the in-situ instrumentation at the GRSV stations (Burjassot and Aras de los Olmos).

- Data and measurement quality control.

- Maintenance of the GRSV measuring stations, presentations at national and international conferences, and attendance at instrumentation development meetings.

Some of these functions will be performed at other universities or research centers in Spain, Europe, or other non-EU countries.

1.5. Purpose and duration: determination of multi-annual trends in radiation, atmospheric particles and other pollutants in the province of Valencia.

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.



- Degree in Physics.

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 Remote Sensing.
- Master in Remote Sensing.
- Master in Pollution.
- Experience with in-situ measurement instrumentation and aerosol and particle columns, especially in the measurement of absorption and scattering coefficients, and Black Carbon concentration.
- Experience in the use and analysis of air quality data, source attribution and Hysplit trajectory model.
- Experience in the use and analysis of data from solar radiometers (pyranometers, pyrhemometers).
- Experience in programming languages: FORTRAN, Matlab and Python.
- Experience in statistical regression techniques and estimation of temporal trends.
- Publications and contributions to conferences related to the research of the project.
- Training courses related to the scope of the research project.

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

Member 1: Maria del Pilar Utrillas Esteban, professor at the Departament de Física de la Terra i Termodinàmica.

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

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

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

4. Alternate evaluation committee

President: Victor Estelles Leal, professor at the Departament de Física de la Terra i Termodinàmica.

Member 1: Jose Luis Gomez Amo, professor at the Departament de Física de la Terra i Termodinàmica.

Member 2: Vicente Muñoz Sanjose, profesor 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: Susana Planelles Mira, professor at the Departament de Astronomia i Astrofísica.

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

ANNEX III

Call: «CPI-25-170». in charge of the research line: «Desarrollo y evolución de sistemas avanzados de gestión de información».

Public offer of employment for a graduate researcher position.

1. General conditions of the position offered

1.1. Job title and classification:

Graduate Researcher.

Group: A

Subgroup: A1.

1.2. Working hours: 20 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, part-time, will be 943.50 euros (12 payments).

1.4. Functions and tasks to be carried out:

- Adaptation of the data migration process from the existing databases to the new Crehida database.
- Improvement of the information integration processes of the readings generated by the readers of the alpha files.
- Evaluation and testing of the integration processes.
- Generation of technical documentation of the integration processes.
- Design and implementation of a dose calculation algorithm based on the data from the reading processes.
- Evaluation of the implemented algorithm with historical data already collected.

1.5. Purpose and duration: collaborate in the development of the Crehida application of the National Dosimetry Center: Analysis, development and maintenance of advanced information systems, data exploitation and artificial intelligence.

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 Telematics 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).

- Knowledge in Spring, Angular, Node, Lombok, Maven and GitHub technologies.
- Experience in the development of microservices and Rest APIs for accessing relational databases.
- Knowledge of the CND Crehida infrastructure and experience in the development of Java applications for the CND.

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

3. Evaluation committee members

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

Member 1: Ramon Vicente Cirilo Gimeno, professor at the Departament d'Informàtica.

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

Member 3: Miriam Gil Pascual, professor at the Departament d'Informàtica.

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

4. Alternate evaluation committee

President: Sergio Casas Yrurzum, professor at the Departament d'Informàtica.

Member 1: Javier Martinez Plume, professor at the Departament d'Informàtica.

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

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

Secretary: Pedro Morillo Tena, professor at the Departament d'Informàtica.

For communication and any problems that may arise, the evaluation committee will be based at the Institut Universitari de Robòtica i Tecnologies de la Informació i les Comunicacions (IRTIC), of the Universitat de València.

ANNEX IV

Project: «Marvision Deimos Space - PRTR Marítimo_ EXP. CPP 11/2023 AB (DG/OCIE). CPI-25-186», in charge of the research line: «Machine learning for remote sensing image processing (ML4RSIP)».

Public offer of employment for a graduate researcher position.

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:

- Development of automatic algorithms for detecting vessels 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 vessels 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 Physics.

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 in Remote Sensing.

- Doctoral studies.

- Knowledge of machine learning, deep learning, kernels, and image processing.

- Experience in machine learning algorithms applied to remote sensing satellite images for vessel detection.



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- Experience in data analysis and processing of satellite images: Sentinel-2 and Sentinel-1.
- Experience in advanced programming (Matlab & Python).
- Work experience or internship as a data scientist.
- Experience writing articles and participating in international remote sensing conferences.
- Knowledge of English (B2 level).
- Knowledge of Valencian (C1 level).

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, professor at the Departament d'Informàtica.

4. Alternate evaluation committee

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

Member 1: Julia Carmen Amoros Lopez, professor at the Departament d'Enginyeria Electrònica.

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

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

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 Interdisciplinal - Laboratori de Processament d'Imatges (IPL), of the Universitat de València.