



RESOLUTION of 15 of July of 2026, 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 Official Gazette of the Generalitat Valenciana (DOGV), on the Notice Board of the University of Valencia, and on the website of the Human Resources Service Technical, Management and Administration and Services Personnel (PTGAS-PI), Research Personnel Management Section Web HR Service PTGAS-PI

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

The rest of the publications that derive from the acts that make up the selection process will be published on the official notice board and on the website of the Human Resources Service Technical, Management and Administration and Services Personnel (PTGAS-PI), Research Staff Management 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 annex 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 case of qualifications obtained abroad, at the time of hiring, you must be in possession of the credential that accredits its homologation or declaration of equivalence in Spain.

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 as a requirement, the L2 - UV accreditation equivalence table, approved by Agreement of the Governing Council of the University of Valencia on 10 July 2018 (ACGUV 156/2018), will be used for its evaluation. Language courses will not be assessed, only the levels acquired.

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 to the call to be requested. They must submit the application, together with the curriculum vitae and the documents that accredit the alleged merits, mandatorily, through the electronic application that the Universitat de València will make available to them, and whose link (URL), will be published on the website of the Human Resources Service Technical Personnel, Management and Administration and Services (PTGAS-PI) Web HR Service PTGAS-PI, from the publication of this resolution in the DOGV.

To fill in the application, the Universitat de València has a guide available to interested people, which can be accessed through the following link: Guide for the submission of applications.

Those who have difficulties in carrying out the electronic procedure can access the ICT support tool of the Universitat de València through the following link: Electronic office. For any other questions about the details of this call, you can contact the team of the Research



Management section of the PTGAS-PI Human Resources Service, through the following link: Ticketing.

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: Model of Curriculum Vitae.

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 been completed, the ranking of the applicants will be published, and the recruitment proposal will be made on the official notice board of the Universitat de València, and on the website

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 Governing Council of the University of Valencia (ACGUV/303/2021) approving the Roadmap on public integrity measures, the prevention and fight against fraud, corruption and conflicts of interest will apply to the members of this commission.

To this end, its members must complete the corresponding Declaration of Absence of Conflict of Interest (DACI) that will be attached to the act of constitution of the commission, and will form part of the administrative file. There will be a standardised form by the Universitat de València on the following website: DACI Forms

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 determined, depending on the needs of the line of research and whenever 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 Human Resources Service Technical, Management, Administration and Services Staff (PTGAS-PI), Research Personnel Management 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, you can access the following link: Information on the protection of data collected

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 July of 2026. The Rector, by delegation (DOGV 25/06/2026), the Manager: Daniel González Serisola.



ANNEX I

Project: «Materiales magnéticos 2D y heteroestructuras híbridas para la espintrónica, la energía y las tecnologías neuromórficas (2D-SPICE). CPI-26-427», 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: «Unidad de investigación en materiales moleculares».

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 1,726.22 euros (12 payments).

1.4. Functions and tasks to be carried out:

- Research in nanoscience, including the investigation of two-dimensional materials with the characterization of their optical and magnetic properties.

- Use of evaporation, exfoliation, photoluminescence, and magneto-optical techniques.

- Writing scientific articles in English.

1.5. Purpose and duration: research in the area of Nanoscience.

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: Bachelor/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's degree in Physics.
- Research experience in Nanoscience: 2D materials, optics, and magnetism.
- Experience with the following techniques: evaporation, exfoliation, photoluminescence, and magneto-optics.
- Good level of English.

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

3. Evaluation committee members

President: Eugenio Coronado Miralles, professor at the Departament de Química Inorgànica.

Member 1: Miguel Clemente Leon, professor at the Departament de Química Inorgànica.

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

Member 3: Rossella Cecilia Mello Centonze, professor at the Departament de Química Orgànica.

Secretary: Carlos Jose Gomez Garcia, professor at the Departament de Química Inorgànica.

4. Alternate evaluation committee

President: Alicia Forment Aliaga, professor at the Departament de Química Inorgànica.

Member 1: Guillermo Minguez Espallargas, professor at the Departament de Química Inorgànica.

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

Member 3: Carmen Molins Legua, professor at the Departament de Química Analítica.

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

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

ANNEX II



Project: «Centro de excelencia «SEVERO OCHOA». CPI-26-429. CEX2023-001292-S», co-financed by the State Research Agency – AEI – and by the Ministry of Science, Innovation and Universities, in charge of the research line: «Física experimental de partículas, astropartículas, nuclear y sus aplicaciones».

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 1,726.22 euros (12 payments).

1.4. Functions and tasks to be carried out:

- Development and experimental characterization of an anti-coincidence veto system for discriminating charged particles in mixed radiation fields.
- Analysis of experimental data.
- Monte Carlo simulations.
- Participation in measurement campaigns at proton therapy and heavy ion therapy facilities.
- Research in off-field secondary neutron dosimetry, with a special focus on vulnerable populations such as pregnant women and pediatric patients.
- Some activities will be carried out at facilities outside of IFIC, including national and international hadronic therapy centers.

1.5. Purpose and duration: secondary neutron dosimetry in hadron therapy.

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: Bachelor/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).

- Experience in ionizing radiation dosimetry, particularly secondary neutron dosimetry in hadron therapy facilities (proton therapy and/or heavy ion therapy).
- Experience in off-site ambient dose equivalent measurements in clinical or research settings, as well as participation in international measurement campaigns in the field of medical physics.
- Proficiency in scientific programming tools, especially Python and MATLAB.
- Experience in disseminating scientific results, including publications in international journals and contributions to conferences.
- Fluency in written, spoken, and reading English for working in an international scientific environment (reading specialized literature, oral and written communication).

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

3. Evaluation committee members

President: Sergio Pastor Carpi, researcher at the Institut de Física Corpuscular.

Member 1: Veronica Sanz Gonzalez, professor at the Departament Física Teòrica.

Member 2: Jose Juan Esteve Taboada, professor at the Departament Òptica i Optometria i Ciències de la Visió.

Member 3: Maria del Pilar Utrillas Esteban, professor at the Departament Física de la Terra i Termodinàmica.

Secretary: Gabriela Alejandra Barenboim Szuchman, professor at the Departament Física Teòrica.

4. Alternate evaluation committee

President: Olga Mena Requejo, researcher at the Institut de Física Corpuscular.

Member 1: Francisco Jose Botella Olcina, professor at the Departament Física Teòrica.

Member 2: Antonio Baeza Manzanares, professor at the Departament Matemàtiques.

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

Secretary: Domingo Martinez Garcia, professor at the Departament Física Aplicada i Electromagnetisme.



For communication and any problems that may arise, the evaluation committee will be based at the Institut de Física Corpuscular (IFIC), of the Universitat de València.

ANNEX III

Project: «Aproximaciones sintéticas alternativas para el desarrollo de redes metal orgánicas (ALTERMOF). CPI-26-432», 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: «Ingeniería de cristales para el desarrollo de nuevos materiales».

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 1,726.22 euros (12 payments).

1.4. Functions and tasks to be carried out:

- Synthesis and characterization of metal-organic frameworks (MOFs) using alternative routes.

1.5. Purpose and duration: research in the area of MOF-type materials.

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: Bachelor/Degree in the field of Science.

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).

- Degree in Chemistry.
- Master's degree in Chemistry.
- Experience in the synthesis of metal-organic frameworks (MOFs).
- Experience in the structural characterization of MOFs.

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

3. Evaluation committee members

President: Eugenio Coronado Miralles, professor at the Departament Química Inorgànica.

Member 1: Monica Gimenez Marques, professor at the Departament Química Inorgànica.

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

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

Secretary: Rossella Cecilia Mello Centonze, professor at the Departament Química Orgànica.

4. Alternate evaluation committee

President: Enrique Orti Guillen, professor at the Departament Química Física.

Member 1: Guillermo Minguez Espallargas, professor at the Departament Química Inorgànica.

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

Member 3: Carmen Molins Legua, professor at the Departament Química Analítica.

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

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



Project: «Reciclado de residuos plásticos mediante despolimerización hidrogenativa empleando nanocatalizadores basados en perrenatos metálicos soportados sobre matrices básicas. (PLASTHYDRECAT). CPI-26-435», co-financed by the State Research Agency – AEI – and by the Ministry of Science, Innovation and Universities, in charge of the research line: «Catálisis aplicada a química orgánica».

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 1,726.22 euros (12 payments).

1.4. Functions and tasks to be carried out:

- Synthesis of new nanomaterials.
- Characterization of nanomaterials.
- Evaluation of nanomaterials as heterogeneous catalysts for plastic recycling.
- Evaluation of nanomaterials in reactions of interest in organic chemistry.
- Study of reaction mechanisms.
- Interpretation of results.
- Writing scientific publications and patents.
- The synthesis and characterization of materials will be carried out at the Institute of Chemical Technology (CSIC-UPV) within the framework of a scientific collaboration.

1.5. Purpose and duration: design of heterogeneous catalysts for applications in sustainable chemistry and fine chemistry.

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: Bachelor/Degree in chemistry.

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.

1.6.2. English: B2 level certificate.

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).

- Advanced knowledge of organic chemistry.
- Certified knowledge of techniques applied to organic chemistry laboratories and materials synthesis.
- Experience in heterogeneous catalysis and organic synthesis (synthesis of carboxylic acid derivatives and cyclic boronates).
- Experience in the synthesis of Ni and NiRe-based nanomaterials and their use as catalysts for reactions of interest in fine chemistry.
- Experience in the synthesis of Ag, Re, and AgRe-based nanomaterials and their use as catalysts for reactions of interest in fine chemistry.
- Experience in the synthesis of bimetallic nanomaterials and their application as catalysts in hydrogenation reactions of organic substrates.
- Experience in the characterization of organic compounds (NMR, GC-MS, HR-MS, FT-IR, etc.).
- Experience in the characterization of nanomaterials using PXRD, ICP, elemental analysis, TGA, etc.
- Experience in carrying out high-pressure reactions using autoclaves with gases.

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

3. Evaluation committee members

President: Pau Arroyo Mañez , professor at the Departament Química Orgànica.

Member 1: Rosa Adam Ortiz, professor at the Departament Química Orgànica.

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

Member 3: Carlos del Pozo Losada, professor at the Departament Química Orgànica.

Secretary: RosSella Cecilia Mello Centonze, professor at the Departament Química Orgànica.

4. Alternate evaluation committee

President: Rafael Ballesteros Garrido, professor at the Departament Química Orgànica.

Member 1: : Maria Sanchez Rosello, professor at the Departament Química Orgànica.

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

Member 3: Carlos Vila Descals, professor at the Departament Química Orgànica.



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Secretary: Carlos Jose Gomez Garcia, professor at the Departament Química Inorgànica.

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

ANNEX V

Project: «Arquitecturas moleculares de titanio para captura avanzada y reutilización de CO₂ (TIFRAME). CPI-26-436», 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: « Redes moleculares adaptables: captura, separación y catalisis con MOFs estructural y composicionalmente flexibles».

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.

Subgroup: A1.

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 2,501.64 euros (12 payments).

1.4. Functions and tasks to be carried out:

- Synthesize and characterize titanium heterometallic MOFs using advanced structural and physicochemical characterization techniques.
- Study the relationship between material structure and electronic and electrochemical properties.
- Evaluate the electrocatalytic and photoelectrocatalytic activity of MOFs in redox transformations of synthetic interest.
- Analyze and interpret experimental results to establish design criteria for new MOFs with optimized properties.
- Supervise junior researchers and contribute to scientific reports, patents, and publications.

1.5. Purpose and duration: development, characterization and validation of titanium heterometallic MOFs for applications in photoelectrochemical redox catalysis.

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: Doctor

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 Chemistry.
- Master's degree in chemistry, Materials Science, Nanoscience, or equivalent.
- Knowledge of English at level B2.
- Research experience in the design, synthesis, and characterization of crystalline porous materials, preferably metal-organic frameworks (MOFs).
- Specific experience in the synthesis and manipulation of titanium-based materials.
- Experience in the study of photocatalytic or photoredox processes in molecular or porous solid materials.
- Experience in structural and physicochemical characterization techniques for crystalline solids: X-ray diffraction, gas adsorption, thermal analysis, and vibrational and electronic spectroscopies.
- Experience in the analysis of the chemical, thermal, and photochemical stability of porous materials.
- Experience in the processing, interpretation, and presentation of scientific results related to porous materials and catalysis.
- Scientific publications, conference presentations, or other research results related to MOFs, titanium materials, or photocatalysis.
- Proven participation in competitive research projects related to the contract's subject matter.
- International mobility undertaken during the research phase.
- Awarding of competitive scholarships or grants for training and research.

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: Eugenio Coronado Miralles, professor at the Departament Química Inorgànica.

Member 1: Carlos Marti Gastaldo, professor at the Departament Química Inorgànica.

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

Member 3: Carlos Vila Descals, professor at the Departament Química Orgànica.

Secretary: Carmen Molins Legua, professor at the Departament Química Analítica.

4. Alternate evaluation committee

President: Sergio Tatay Aguilar, professor at the Departament Química Inorgànica.

Member 1: Alicia Forment Aliaga, professor at the Departament Química Inorgànica.

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

Member 3: Rossella Cecilia Mello Centonze, professor at the Departament Química Orgànica.

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

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