



RESOLUTION of 19 of February of 2024, of the University of Valencia, announcing the public offer of employment for different positions within this organisation with employment contracts under various research projects.

The Rector's Office of the University of Valencia, making use of the powers attributed to it by article 50, pertaining to article 3.2 of Organic Law 2/2023, of March 22, of the University System, resolves:

To open a call for the public offer of employment for different positions within this organisation with employment contracts under various research projects, as listed in the annexes of this resolution, in accordance with the following requirements:

#### One. General rules

1.1. The purpose of this offer is the selection of staff to fill various positions for research projects through the competition system.

1.2. In accordance with the provisions of article 89 of Organic Law 2/2023, of March 22 of the University System, this selective process must meet that which is established by current legislation for the civil service of the Regional Government of Valencia, and by the labour regulations stipulated in the Workers' Statute and its modifications.

The specific university regulations included in the Organic Law of the University System, the Law of Science and the Statutes of the University of Valencia, 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 of each call.

1.5. This call will be published in the Official Gazette of the Autonomous Community of Valencia (DOGV), on the official notice board of the University of Valencia, for which the website is <https://webges.uv.es/uvTaeWeb/VerTablonFrontAction.do?filtro=tipo&valor=48&filtrar&grupoNavegacion=0&servicioNavegacion=-1>, and on the website of the Human Resources Service (Administrative and Services Staff [PAS]), PAS Research section: <http://www.uv.es/pasinvest>.

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

When qualifications have not been officially recognised or declared as equivalent, this requirement may be replaced by proof of having started the process for recognition or declaration of equivalence. The contract will be terminated if the competent academic authority denies recognition, 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 University of Valencia Equivalence Table for L2 certification, approved by the Agreement of the Governing Council of July 10, 2018 (ACGUV 156/2018) will be used for its evaluation. Language courses will not be evaluated, only the levels attained. <https://links.uv.es/0AWddjI>

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 University will make available to them and for which the link (url) will be published on the PAS Research Section website, <http://www.uv.es/pasinvest>, from the day when this resolution is published in the DOGV.

To complete the application form, the University has made a guide available to interested persons that can be accessed at the following link: <https://go.uv.es/sNh0jds>.

Those who have any difficulties carrying out the electronic procedure can access the University of Valencia ICT support tool via the following link: [https://links.uv.es/eadmin/ticketing\\_es](https://links.uv.es/eadmin/ticketing_es). For any other questions about the details of this call,



please contact the team at the Research Management section of the PAS Human Resources Service by sending an email to: [convopi@uv.es](mailto:convopi@uv.es)

3.2. The application submission period will close 10 business days from the next business day following the publication of this resolution in the Official Gazette of the Autonomous Community of Valencia (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: <http://go.uv.es/F3LCmfj>

It will not be necessary for the attached documents to be collated at this point in the procedure. A responsible 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 University 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 and creating the job pool will be carried out through the University of Valencia notice board and on the website: <http://www.uv.es/pasinvest>

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 project.



5.6. The job pools that derive from these selection processes will remain in force for the duration of the research project 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) 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 University on the following website: <https://go.uv.es/ngX0jcE>.

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 projects 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 University of Valencia 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 University of Valencia 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 HR Service (PAS), PAS-Invest 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: <http://go.uv.es/88bqyH6>

#### 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, 19 of February of 2024. The rector, by delegation (DOGV 30/05/2022), the Manager: Juan Vicente Climent Espí.



## ANNEX I

Project: «Resilient water innovation for smart economy - REWAISE. CPI-24-071».

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 925,00 euros (12 payments).

#### 1.4. Functions and tasks to be carried out:

Collaborate in the execution tasks of the REWAISE project that include:

- The operation of pilot and demonstration scale plants, monitoring of pilot plants and maintenance and calibration of laboratory equipment.
- Application of detection techniques for priority substances and emerging contaminants.
- Writing of scientific-technical reports.

Some of these functions must be carried out in facilities located outside the Universitat de València.

1.5. Purpose and duration: monitor the biological process and collaborate in the writing of deliverables and reports.

The contract will be determined by the duration of the project and budget availability.

#### 1.6. Requirements

1.6.1. Qualifications: Degree in Biotechnology, or equivalent qualification.

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, or equivalent qualification.

### 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 chromatographic, HPLC and NMR techniques.
- Experience in measuring emerging contaminants in wastewater.
- Experience in physical-chemical analysis of wastewater.
- Experience in preparation of chemical reagents.
- Experience in the management and calibration of automatic laboratory equipment for assessments.

- Experience in operating Ultrafiltration membrane pilot plants.

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

### 3. Evaluation committee members

President: Alberto Bouzas Blanco, professor at the Departament d'Enginyeria Química.

Member 1: Aurora Seco Torrecillas, professor at the Departament d'Enginyeria Química.

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

Member 3: Benjamin Eduardo Solsona Espriu, professor at the Departament d'Enginyeria Química.

Secretary: Luis Borrás Falomir, professor at the Departament d'Enginyeria Química.

### 4. Alternate evaluation committee

President: Francisco Javier Alvarez Hornos, professor at the Departament d'Enginyeria Química.

Member 1: Nuria Marti Ortega, professor at the Departament d'Enginyeria Química.

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

Member 3: Paula Marzal Domenech, professor at the Departament d'Enginyeria Química.

Secretary: Vicente Martinez Soria, professor at the Departament d'Enginyeria Química.

For communication and any problems that may arise, the evaluation committee will be based at the Departament d'Enginyeria Química de l'Escola Tècnica Superior d'Enginyeria (ETSE) of the University of Valencia.



Project: «Cambio Climático y Cambio Global: análisis multidisciplinar de los vectores en el riesgo de introducción y transmisión de enfermedades infecciosas. CPI-24-073». Prometheus Program for Excellence research groups (GVPROMETEO2021-004), convened by Resolution of November 20, 2020, of the Department of Innovation, Universities, Science and Digital Society (currently: Department of Education, Universities, and Employment).

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 2.345,90 euros (12 payments).

1.4. Functions and tasks to be carried out:

- Morphotype/genotype studies of *Schistosoma* spp. eggs from migrant patients (or travellers) diagnosed with urinary schistosomiasis. Molecular characterization of parasite strains and identification of hybrids.

- Multigenic molecular haplotyping to identify *Schistosoma* strains entering Spain, as well as detecting species of human or animal origin and evaluating their potential risk of transmission in Spain.

- Molecular characterization of Schistosomiasis and Fascioliasis vectors. Identification of haplotypes by sequencing of ribosomal and mitochondrial markers; phylogenetic analyzes and description of species and haplotypes.

1.5. Purpose and duration: analyze the risk of introduction and expansion of vector-borne diseases due to the effects of climate change and global change.

The contract will be determined by the duration of the project and budget availability.

1.6. Requirements

1.6.1. Qualifications: Doctorate with specialty in Human and Animal Parasitology or equivalent qualification.

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 Biology with Mention in Health Biology.

- Master's Degree in Tropical Parasitic Diseases.





- Advanced training abroad on population genetics in Schistosomiasis.
- Advanced experience in molecular genotyping using ribosomal and mitochondrial markers applied to vector-transmitted parasitic diseases.
- Advanced training in molecular biology techniques (conventional PCR, Multiplex PCR, qPCR, Cloning, Sequencing) and sequence and phylogenetic analysis.
- Advanced knowledge in geometric morphometry applied to the phenotypic study of patients diagnosed with urinary schistosomiasis.
- Advanced knowledge in sample collection and processing for eDNA analysis.
- Advanced level of Italian.

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: Rafael Toledo Navarro, professor at the Departament de Farmàcia i Tecnologia Farmacèutica i Parasitologia.

Member 1: M. Dolores Bargues Castello, professor at the Departament de Farmàcia i Tecnologia Farmacèutica i Parasitologia.

Member 2: Houda Berrada Ramdani, professor at the Departament de Medicina Preventiva i Salut Pública, Ciències de l'Alimentació, Toxicologia i Medicina Legal.

Member 3: M. Carmen Montesinos Mezquita, professor at the Departament de Farmacologia.

Secretary: Jose Esteban Peris Ribera, professor at the Departament de Farmàcia i Tecnologia Farmacèutica i Parasitologia.

4. Alternate evaluation committee

President: Maria Adela Valero Aleixandre, professor at the Departament de Farmàcia i Tecnologia Farmacèutica i Parasitologia.



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Member 1: Maria Manuela Morales Suarez-Varela, professor at the Departament de Medicina Preventiva i Salut Pública, Ciències de l'Alimentació, Toxicologia i Medicina Legal.

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

Member 3: Maria Carmen Terencio Silvestre, professor at the Departament de Farmacologia.

Secretary: Diego Miguel Cortes Martinez, professor at the Departament de Farmacologia.

For communication and any problems that may arise, the evaluation committee will be based at the Departament de Farmàcia i Tecnologia Farmacèutica i Parasitologia de la Facultat de Farmàcia i Ciències de l'Alimentació of the University of Valencia.

### ANNEX III

Project: «Relativistic Astrophysics, Computational Cosmology, And Gravitational-Wave Astronomy. CPI-24-074». Prometheus Programme for Research Groups of Excellence of the Regional Ministry of Innovation, Universities, Science and Digital Society (currently: Department of Education, Universities, and Employment). (CIPROM/2022/49), grants announced by the Resolution of 6 October 2022.

Public offer of employment for a researcher in training position.

1. General conditions of the position offered

1.1. Job title and classification:

Researcher in training.

Group: A

Subgroup: A1.

1.2. Working hours: 35 hours per week.

1.3. Provision of the grant. As established in section One 6.a) 1. of Annex XI of the Resolution of 6 October, of the Regional Ministry of Innovation, Universities, Science and Digital Society, announcing grants for the Programme for the Promotion of Scientific Research, Technological Development and Innovation in the Valencian Community (currently: Department of Education, Universities, and Employment) for the 2023 financial year (Official Gazette of the Autonomous Community of Valencia 9449 / 14.10.2022).

1.4. Functions and tasks to be carried out:

- Analyze cosmological simulations.

- Develop and apply «machine learning» algorithms to emulate N-body cosmological simulations.

1.5. Purpose and duration: analyze the results generated by state-of-the-art cosmological simulations and develop new algorithms, based on machine learning techniques, that can emulate the results generated by cosmological simulations.

The contract will be determined by the duration of the project and budget availability.

1.6. Requirements:

1.6.1. Qualifications: Degree in Physics, or equivalent qualification.



1.6.2. Have been admitted to a PhD programme at the University of Valencia at the time of hiring.

## 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 Advanced Physics.
- Knowledge of Cosmology.
- Knowledge of programming languages: Python, C and Fortran.
- Experience in the use of «machine learning» techniques.
- Experience in analyzing N-body simulations.

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

## 3. Evaluation committee members

President: Vicente Quilis Quilis, professor at the Departament d'Astronomia i Astrofísica.

Member 1: Jose Antonio Font Roda, professor at the Departament d'Astronomia i Astrofísica.

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

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

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

## 4. Alternate evaluation committee



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

Member 1: Miguel Angel Aloy Toras, 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: Maria Jesus Hernandez Lucas, professor at the Departament de Física de la Terra i Termodinàmica.

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

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

#### ANNEX IV

Project: «MRR/Desarrollo de materiales avanzados para tecnologías verdes. MATGREEN. CPI-24-076». Co-financed by the GVA, by the Ministry of Science, Innovation and Universities and by the “European Union – Next Generation EU” – Transformation and Resilience Recovery Plan.

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 2.345,90 euros (12 payments).

1.4. Functions and tasks to be carried out:

- Synthesize vanadates and other complex oxides for the development of photocatalytic and barocaloric applications.

- Characterization of its properties at ambient pressure and under high pressures through Raman spectroscopy experiments and X-ray diffraction experiments in synchrotron radiation facilities.

- Carrying out experiments using diamond-anvil cells.

1.5. Purpose and duration: synthesis of advanced materials for green technologies and characterization of these materials under high-pressure conditions.

The contract will be determined by the duration of the project and budget availability.

1.6. Requirements

1.6.1. Qualifications: PhD in Physics, or equivalent qualification.



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.

- Experience using diamond-anvil cells.
- Experience in synchrotron radiation facilities.
- Experience in X-ray diffraction and structural refinements.
- Experience in synthesis of materials using a large-volume press.

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: Daniel Jorge Errandonea Ponce, professor at the Departament de Física Aplicada i Electromagnetisme.

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

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



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

4. Alternate evaluation committee

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

Member 1: David Santamaria Perez, professor at the Departament de Física Aplicada i Electromagnetisme.

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

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

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

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 University of Valencia.