



RESOLUTION of 01 of April 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 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), 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, at the time of hiring, it is necessary to be in possession of documents showing official homologation or declaration of equivalence in Spain, and a photocopy of the same must be attached to the application.

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

2.4. When a language level is required, the Universitat de València Equivalence Table for L2 certification https://www.uv.es/sgeneral/Reglamentacio/Doc/Estudis/2018_156_Taula_equivalencies_L2_Modif%202024.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 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, 01 of April of 2026. The rector, by delegation (DOGV 30/05/2022), the Manager: Juan Vicente Climent Espí.



ANNEX I

Project: «Nanomateriales y moléculas con propiedades luminiscentes para el reconocimiento de especies cargadas de interés biológico y/o medioambiental. CPI-26-175», co-financed by the State Research Agency -AEI- and by the Ministry of Science, Innovation and Universities, in charge of the research line: «Reconocimiento supramolecular mediante nanosondas altamente emisivas para aplicaciones médicas y medioambientales».

Public offer of employment for two junior PhD researcher positions.

1. General conditions of the position offered

1.1. Job title and classification:

Junior PhD 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 1,352.24 euros (12 payments).

1.4. Functions and tasks to be carried out:

- Synthesis of pyridoxal and quinoline polyamines.
- Potentiometric studies to determine protonation constants and interactions with metals and anions, particularly Cu, Zn, and heavy metals.
- UV-Vis spectroscopy and fluorescence.
- Synthesis and functionalization of nanoparticles.
- Study of antioxidant activity using indirect methods and in cell cultures.
- Study of interactions with biologically or environmentally relevant anions.

1.5. Purpose and duration: synthesis, characterization and thermodynamic studies of polyamine ligands with metals and anions.

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.

1.6.2. Qualifications 2: Degree in Chemistry.

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.

- Synthesis of polyamines with pyridoxal or quinoline units.
- Potentiometric and spectroscopic studies.
- Interaction studies with copper, zinc, heavy metals, and anions of environmental interest.
- Synthesis and surface modification of oxide nanoparticles.
- Antioxidant activity studies using indirect assays and in cell lines.
- Interaction studies with anions.

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 de Química Inorgànica.

Member 1: Estefania Delgado Pinar, researcher at the Institut de Ciència Molecular.

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

Member 3: Laura Pastor Alcañiz, professor at the Departament d'Enginyeria Química.

Secretary: Facundo Perez Gimenez, professor at the Departament de Química Física.

4. Alternate evaluation committee

President: Begoña Verdejo Viu, professor at the Departament de Química Inorgànica.

Member 1: Maria González Bejar, professor at the Departament de Química Orgànica.

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

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



UNIVERSITAT DE VALÈNCIA

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

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: «Electrosíntesis sostenible: Producción de hidrógeno verde y transformación selectiva del glicerol en productos de valor añadido (HYGLEC). CPI-26-179», 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: «Nanomateriales para recubrimientos funcionales para energía, sensado y alimentación».

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:

- Compositional optimization of electrocatalysts.
- Optical and electrical characterization of electrocatalysts.
- Electrochemical characterization of electrocatalysts.
- Optimization of the selective oxidation of glycerol and H₂ generation.

1.5. Purpose and duration: formulation of inks for the in situ synthesis of electrocatalysts by spincoating, dipcoating and spraycoating and optimization of electrocatalyst composition for the electrolysis of water and oxidation of glycerol.

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 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.

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).

- In situ synthesis of thin-film metal oxides.
- Optical and electrical characterization of nanomaterials.
- Electrochemical characterization of nanomaterials.

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

Member 1: Rafael Abargues Lopez, professor at the Departament de Química Inorgànica.

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

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

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

4. Alternate evaluation committee

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

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

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

Member 3: Jeronimo Agrisuelas Valles, professor at the Departament de Química Física.

Secretary: Facundo Perez Gimenez, professor at the Departament de Química Física.

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



ANNEX III

Project: «Relativistic astrophysics, computational cosmology, and gravitational-wave astronomy. CPI-26-192», Prometeo Programm for Research Groups of Excellence of the Ministry of Innovation, Universities, Science and Digital Society (currently: Ministry of Education, Universities and Employment), (CIPROM/2022/49), convened by Resolution of September 14, 2021, in charge of the research line: «Astrofísica relativista computacional».

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:

- Preparation and execution of simulations on the dynamics of shock waves produced by perturbations ejected from relativistic jets in active galaxies, in the presence of stationary structures and red giant stars.

- Use of a relativistic magnetohydrodynamic code and a radiative code to study the emission generated by the evolution of the shock wave through the central parsecs of the host galaxy.

- Comparison with high-energy radiation observations and prediction of neutrino production based on a previous theoretical model.

1.5. Purpose and duration: numerical simulations in relativistic magnetohydrodynamics in the environment of active galactic nuclei.

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.

1.6.2. Qualifications 2: Degree in Physics.

2. Scale

2.1. Scientific Production (up to 40 points): thesis supervision, publication of scientific articles, books, book chapters and monographs and presentation of work in scientific



meetings will be evaluated according to the Scale for the evaluation of the current Annual Research Report at the time of the publication of the call.

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

- Master's degree in Astrophysics.
- PhD in Astrophysics.
- Knowledge of programming languages (Python and C or Fortran).
- Experience in relativistic magnetohydrodynamic numerical simulations.

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

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

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

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

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

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

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

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

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

3. Evaluation committee members

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

Member 1: Jose Antonio Font Roda, 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: 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

President: Manuel Perucho Pla, professor at the Departament d'Astronomia i Astrofísica.

Member 1: Jose Maria Marti Puig, professor at the Departament d'Astronomia i Astrofísica.

Member 2: Alicia Forment Aliaga, professor at the Departament de Química Inorgànica.



UNIVERSITAT DE VALÈNCIA

Member 3: Vicente Quilis Quilis, professor at the Departament d'Astronomia i Astrofísica.

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

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

ANNEX IV

Project: «Energy-conscious optimization for cloud-edge video ecosystems (ECO-STREAM). CPI-26-202», 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: «Arquitecturas para la codificación y distribución de video en la nube».

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 986.41 euros (12 payments).

1.4. Functions and tasks to be carried out:

- Collaborate in the design of experiments on a server cluster running containerized encoding tasks.
- Select and deploy energy consumption sensors on the cluster nodes.
- Obtain a dataset of energy consumption data from video encoders (H264, H265, AV1, etc.) at different resolutions, bitrates, and infrastructure (CPU, CPU+GPU), etc.
- Clean the obtained data and generate a dataset that can be used by the scientific community (to train neural network models or optimize the process).
- Obtain energy consumption data during streaming and playback.

1.5. Purpose and duration: study of energy optimization for video encoding and streaming.

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 or in Computer 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 of:

- Containers.
- Kubernetes.
- System administration.
- Video encoding and streaming.

- English proficiency certification.

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

3. Evaluation committee members

President: Enrique Navarro Camba, professor at the Departament d'Informàtica.

Member 1: Juan Gutierrez Aguado, professor at the Departament d'Informàtica.

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

Member 3: Ana Polache Vengut, professor at the Departament de Farmàcia i Tecnologia Farmacèutica i Parasitologia.

Secretary: Amparo Chafer Ortega, professor at the Departament d'Enginyeria Química

4. Alternate evaluation committee

President: Miguel Garcia Pineda, professor at the Departament d'Informàtica.

Member 1: Jose Manuel Claver Iborra, professor at the Departament d'Informàtica.



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

Member 3: Cristina Villar Garcia, professor at the Departament de Direcció d'Empreses 'Juan Jose Renau Piqueras'.

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

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

ANNEX V

Project: ««JWST Breakthrough in Galaxy formation: mass build-up efficiency at cosmic dawn (SFEER). CPI-26-208», in charge of the research line: ««Astrofísica extragaláctica y cosmología»».

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:

- Support in the characterization of high-redshift galaxies and their relationship to the distribution of dark matter.

- Publish related research papers.

- Conduct research within the Extragalactic Astrophysics and Observational Cosmology Group.

1.5. Purpose and duration: study of distant galaxies.

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's degree in Advanced Physics, specializing in Astrophysics.
- Experience in astronomical data analysis.
- Knowledge of Python.
- Knowledge 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: Pablo Cerda Duran, professor at the Departament d'Astronomia i Astrofísica.

Member 1: Mauro Stefanon, 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: Gabriela Alejandra Barenboim Szuchman, professor at the Departament de Física Teòrica.

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

4. Alternate evaluation committee

President: Vicent Josep Martinez Garcia, professor at the Departament d'Astronomia i Astrofísica.

Member 1: Juan Bautista Fabregat Lluca, professor at the Departament d'Astronomia i Astrofísica.

Member 2: Alicia Forment Aliaga, professor at the Departament de Química Inorgànica.

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

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



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