

Research, Training and Mobility Programme - IFMIF-DONES

Resolution of 20th DECEMBER of 2021 of the University of Granada, approving the regulatory bases and call for 3 positions for candidates with university degrees, financed by the IFMIF-DONES project.

Introduction.

The International Fusion Materials Irradiation Facility - DEMO Oriented NEutron Source, (IFMIF-DONES) is a key milestone on the road to the control of nuclear fusion. This scientific facility will consist of three main parts: a deuteron accelerator, a liquid lithium loop and a test bench. The accelerated deuterons will impact the lithium loop producing a nuclear reaction radiating neutrons at about 14MeV, that is, the same energy as the neutrons arising from deuterium-tritium fusion reactions. The main objective of this facility is the qualification of materials to be used in future fusion reactors. This project is expected to be hosted in Escúzar (Granada, southern Spain), which is the official candidate of the EU. With an initial budget of €700M, IFMIF-DONES will be the most important scientific facility ever in Spain. The details of the implementation of the project are being developed in the Preparatory Phase, and the engineering design of the facility is presently being carried out in the framework of the EUROfusion Consortium based on the validation results being obtained in the framework of the IFMIF/EVEDA project. In this framework, the preliminary phase has already started with a joint grant from the Spanish Government and the Regional Government of Andalusia. This budget will be invested in several actions. One of the most important is the training of the specialist staff that will work in the future facility.

Thus, the University of Granada, as an implementer of the European Regional Development Fund (ERDF) of the Regional Government of Andalusia, has decided, together with the Research Centre for Energy, Environment and Technology (CIEMAT) (the other implementer of IFMIF-DONES), to invest part of these funds in the financing of stays for scientists and engineers from research centres and laboratories around the world.

This Research, Training and Mobility Programme is financed by the Regional Government of Andalusia through the European Regional Development Fund (ERDF) and seeks to hire qualified staff for the above-mentioned training according to the conditions set out below.

For the correct execution of the programme, the University of Granada has signed agreements with the following institutions:

- Agenzia nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile (ENEA-Italy).

- Karlsruhe Institute of Technology (KIT-Germany).

In addition, the National Institutes for Quantum and Radiological Science and Technology (QST-Japan) will participate in the programme as a recipient centre in the framework of the activities carried out by Fusion for Energy (F4E).

Consequently, this Rectorate, by virtue of the powers conferred by Article 20.1 of Organic Law 6/2001, of 21 December, modified by Organic Law 4/2007, of 12 April, on Universities, in relation to article 2.2.e) of the same, and in the Revised Text of the Andalusian Universities Act, approved by Legislative Decree 1/2013, of 8 January, as well as in articles 45 and onwards of the University of Granada Statutes, approved by Decree 231/2011, of 12 July,

HEREBY DECLARES THAT:

One.- Object of the call

1. The purpose of this call is the recruitment of 3 positions aimed at university graduates to carry out a research, training and mobility programme at international research centres and laboratories related to the IFMIF-DONES project.
2. For the funding of this call, the University of Granada has obtained incentives from the Regional Ministry of Economic Transformation, Industry, Knowledge and Universities of Andalusia, co-financed by the European Regional Development Fund.
3. The financial envelope for this call, which will be multiannual for the fiscal years 2022 and 2023, amounts to a total of 315.158,88 euros and will be charged to the budgetary application 541 A 640.01.
4. If, due to loss of the funding granted or any other supervening cause not attributable to the University of Granada, the contracts referred to in this call cannot be formalised, the call will not be effective, and the University of Granada will not be held responsible for this circumstance.

For a wider promotion of the call, a version in English will be published. However, the only official version is the Spanish version and, therefore, the Spanish version is the only

one which may be used by interested parties for the purposes of lodging appeals and the exercise of the rights to which they are entitled.

Two.- Conditions

1. Duration and location

The estimated duration of each contract will be of 16 months (with a final termination date of 30 June 2023) to be mainly executed at the specific research centre as defined in Annex. Positions offered (available on the web <https://investigacion.ugr.es/apoyo/nuestros-centros/ifmifdones/>).

Acceptance of the contract entails an obligatory mobility period at the host centre. Any temporary absence or mobility during the contract period must be previously authorised by the Vice-Rectorate for Research and Knowledge Transfer.

If possible and the current situation due to the COVID-19 pandemic allows it, a final stay of 1 to 3 months will be carried out at the University of Granada (Granada, Spain) or at CIEMAT (Madrid, Spain) in order to ensure the transfer of the acquired knowledge.

If, due to any circumstance beyond the control of the University of Granada due to the COVID-19 pandemic or other possible causes, the host centre does not allow the incorporation of any of the selected candidates, the contract will be suspended until the host centre allows their incorporation.

2. Financial conditions

Each selected candidate will be hired on a full-time temporary contract by the University of Granada for the whole period of the programme.

The financial conditions of the contracts are indicated below. It should be noted that these contributions are gross and are calculated on the basis of a salary of 12 monthly payments per year including the proportional part of extra payments (*pagas extraordinarias*).

A correction coefficient per country will be applied to the salary, corresponding to what is stipulated in the Horizon Europe Work Programmes for the Marie Skłodowska-Curie Actions of the European Commission.

The University of Granada will also provide medical and accident insurance for the contract holder for those destinations where healthcare is not covered by Spanish Social Security.

The University of Granada will provide the contracted individuals residing in countries other than those of the host centres with a travel allowance amounting to €5,000 for the centre in Japan and €3,000 for the rest of the destinations in order to cover the costs of settlement, travel and visas, if necessary, for the duration of the contract.

In addition to the salary, the University of Granada will pay a mobility allowance during the periods in which the activity takes place outside Spain and, where appropriate, a family allowance. In this context, family is defined as individuals linked to the selected persons by (i) marriage, or (ii) a relationship with a status equivalent to a marriage recognised by the legislation of the country or region where such a relationship was formalised; or (iii) dependent children who are effectively maintained by the recruited person.

Salary:	3,426 EUR/month
Allowances:	
Mobility allowance	600 EUR/month
Family allowance (if applicable)	500 EUR/month

3. Obligations of the beneficiaries

- To join the host centre where the activity that is the object of the contract is to be carried out.
- To respect the rules established in the agreements signed with the host centres, which will be provided once the contract has been signed.
- To mention the funding entities (University of Granada, Regional Government of Andalusia and ERDF) in the publications arising from the activity.
- To issue activity and progress reports within the deadlines established by the University of Granada.
- To submit any other information or documentation requested by the University of Granada in order to justify the financial support granted.
- To request prior authorisation from the Vice-Rectorate for Research and Knowledge Transfer for any unforeseen mobility from the host centre.
- To inform the University of Granada of any incident that impedes or makes it difficult to carry out the activity that is the object of the contract.

Three.- Participation requirements and eligibility criteria

There are no specific requirements as to nationality or residence of candidates in order to participate in the calls for applications. However, the contracting of non-EU foreigners, which will be formalised for the sole purpose of carrying out specific research or technical tasks in the project, will remain suspended until they obtain the work permit in accordance with the provisions of Organic Law 4/2000 of 11 January on the rights and freedoms of foreigners in Spain and their social integration, as well as the applicable regulatory provisions.

1. Eligibility requirements: Academic qualifications

Applications for these contracts should be made by those which are in possession of the academic conditions required for each position defined in Annex.

It will be an essential requirement to be in possession of an official Spanish university degree, or from another member country of the European Higher Education Area. In the case of graduates from educational systems outside the European Higher Education Area, the presentation of a recognised degree (*título homologado*) will be compulsory.

Both the degree and the academic transcript must be issued or translated into Spanish or English.

Four.- Applications

Applicants must fill in the form available on the website of the Vice-Rectorate for Research and Knowledge Transfer at <https://investigacion.ugr.es/apoyo/nuestros-centros/ifmifdones/>.

The period for the submission of applications will begin the day after the publication of this call in the Official Gazette of the Regional Government of Andalusia (BOJA) and will end on 14 January 2022 at 23:59 GMT+2.

Each applicant may select only one place out of the 3 places offered in the application form. All applications exceeding the maximum number of places indicated will be considered void.

1. Documentation.

The applicants must submit the following documents in pdf format:

1. Curriculum vitae in Europass or abbreviated CV template (annexing a description of the candidate's main merits - up to 3 pages max and in English).
2. Copy of the academic degree (full undergraduate degree programme/undergraduate degree programme/master's degree programme).
3. Letter(s) of reference.
4. Official documents supporting all the merits in the CV (contracts and functions in previous jobs, etc.).

2. Submission and registration of applications

The application form, together with the rest of the documentation, must be submitted through the "Sede Electrónica" UGR e-Administration Platform, via the procedure: "Investigación: Contratos con cargo a Grupos, Proyectos y Convenios", which is available via the following web address: <https://sede.ugr.es/procs/Investigacion-Contratos-con-cargo-a-Grupos-Proyectos-y-Convenios/>.

This procedure will be mandatory for all persons in possession of a National Identification Document (DNI) or Foreigner Identification Number (NIE).

As an exception, for those who do not have a DNI or NIE, given that they are unable to be in possession of a valid electronic identification system in Spain, the application may be submitted through any of the procedures provided for in Law 39/2015, of 1 October, or they may authorise a third party in the established form, in order to submit the application on their behalf through the "Sede Electrónica" UGR e-Administration Platform.

The submission of the application implies consent to the processing of the applicant's personal data for the purpose of the resolution of the call, within the framework of Organic Law 3/2018, of 5 December, on Personal Data Protection and the Guarantee of Digital Rights, as well as the consent of the applicant to check or obtain from other bodies, administrations or suppliers, by electronic means, information on the circumstances of the applications that, in accordance with the call and the applicable regulations, are relevant for the procedure.

Participation in the call implies that the candidate declares that the documents and merits provided are authentic, and the University of Granada may request at any

time before or after the evaluation of the applications the original supporting documents. Failure to provide the required documentation, or the verification of the existence of falsehoods in the documentation or merits provided, will entitle the University of Granada to initiate the legal actions that it considers appropriate against the applicant and, where relevant, the revocation of the contract in the event that it has been awarded.

3. Communications between the University and third parties.

Actions that must be notified to the applicants will be published on the website of the Vice-Rectorate for Research and Knowledge <https://investigacion.ugr.es/apoyo/nuestros-centros/ifmifdones/> This publication will replace the notification, with the same effects, in accordance with the provisions of Article 45.1.b) of Law 39/2015, of 1 October, on the Common Administrative Procedure of Public Administrations. Thus, the dates of publication of the different actions and resolutions on the aforementioned web address will be those that determine the calculation of the deadlines. The University of Granada may require the interested party to remedy the failure to provide any documents or attach the required documents, with a warning that if they fail to do so, they will be considered to have withdrawn their application, in accordance with the provisions of Article 68 of Law 39/2015, of 1 October, on the Common Administrative Procedure of Public Administrations. The Resolution issued in this regard shall be notified to the interested party by means of the system provided for in the previous paragraph.

4. Review and amendment of applications

The Research Projects Office will be the unit in charge of the administrative review of the applications submitted. The provisional list of those admitted and excluded will be published on the website of the Vice-Rectorate for Research and Knowledge Transfer. A period of 5 working days from the date of publication will be at the disposal of the interested parties to rectify any defects, provide the required documentation or present any appeals they deem appropriate. Applicants who fail to provide the required documentation or who do not rectify the defects will be considered to have withdrawn their request.

Afterwards, the final list of those admitted and excluded will be published on the website of the UGR's Vice-Rectorate for Research and Knowledge Transfer and the files will be sent to the Selection Committee.

Five.- Assessment of applications

Each accepted application will be assessed (100 points maximum) on the basis of the following criteria:

- CV: 80% (Publications: 30%; Work experience in related fields as listed in Annex A up to a maximum of 4 years: 40%; Courses and complementary training: 10%).
- Personal interview (if applicable): 20% for candidates who achieve a minimum score of 40 points on the above items. In their interview, candidates will defend the main milestones in their CV and their suitability for the activities to be carried out. The interview will be held in English.

Once the evaluation of applications has been completed, the Selection Committee will send the minutes, together with the provisional proposal for selection, to the Vice-Rectorate for Research and Knowledge Transfer.

The Selection Committee may declare the position void if the CV of the candidates does not match the duties to be performed.

Six.- Selection Committees

The committee which will evaluate the applications will be composed of the following persons:

Selection committee for applications: LIPAc site - QST Rokkasho Fusion Institute (Rokkasho, Japan)

- The Vice-Rector for Research and Knowledge Transfer or the person he/she delegates on behalf of the UGR
- Ángel Ibarra Sánchez, Head of the Fusion Technologies Division at the National Fusion Laboratory, on behalf of CIEMAT
- Beatriz Brañas Lasala, Senior Researcher at the National Fusion Laboratory, on behalf of CIEMAT
- Philippe Cara (IFMIF/EVEDA Project Leader) on behalf of LIPAc site – QST Rokkasho Fusion Institute
- Hervé Dzitko, F4E Project Manager for IFMIF/EVEDA, on behalf of LIPAc site - QST Rokkasho Fusion Institute

Selection committee for applications: KIT (Karlsruhe, Germany)

- The Vice-Rector for Research and Knowledge Transfer or the person she/he delegates, on behalf of the UGR
- Ángel Ibarra Sánchez, Head of the Fusion Technologies Division at the National Fusion Laboratory, on behalf of CIEMAT
- Beatriz Brañas Lasala, Senior Researcher at the National Fusion Laboratory, on behalf of CIEMAT
- Dieter Leichtle, Head of the "Neutronics and Nuclear Data (INR-NK)" research group on behalf of KIT

Selection committee for applications: ENEA (Brasimone and Frascati, Italy).

- The Vice-Rector for Research and Knowledge Transfer or the person he/she delegates, on behalf of the UGR.
- Ángel Ibarra Sánchez, Head of the Fusion Technologies Division at the National Fusion Laboratory, on behalf of CIEMAT
- Beatriz Brañas Lasala, Senior Researcher at the National Fusion Laboratory, on behalf of CIEMAT
- Gioacchino Micciché, Researcher at the Fusion and Technology for Nuclear Safety and Security Department (FSN), on behalf of ENEA

Seven.- Resolution and publication

In consideration of the results of the evaluations issued by the Selection Committee, the Vice-Rectorate for Research and Knowledge Transfer will publish on its website the provisional decision on the allocation of places, detailing the date of publication and the deadline for the submission of appeals, or will declare the place unfilled.

After the assessment and resolution of any appeals presented against the provisional selection decision, the final resolution will be published on the same website and, where appropriate, the list of substitutes for each place will be published. Persons who do not appear on this list will be considered not to have been definitively selected.

The maximum period for the resolution of the selection procedure may not exceed 6 months.

Eight.- Acceptance and signing of the contract

Once the final decision has been published, the beneficiaries must accept the contracts within 10 days.

Any postponements and suspensions of the contract that may occur, including cases of force majeure, will not extend the deadline for the contracts, which will be 30 June 2023, unless this date is extended in general by Resolution of the Vice-Rectorate for Research and Knowledge Transfer.

Nine.- Monitoring of the activity

All contracted persons will be assigned a person in charge of scientific tutoring, designated by the University of Granada, who will be the supervisor of the training activities to be carried out.

Every 6 months the contracted persons must send a report of the activities carried out to the Vice-Rectorate for Research and Knowledge Transfer of the University of Granada, which must be accompanied by a report from the person responsible for the host institution and the person responsible for the scientific tutoring. These reports must propose the continuation of the grants or, in the case of a negative report, their termination.

Ten.- Supplementary regulations

All matters not foreseen in these rules will be subject to the Resolution of 30 December 2020 of the University of Granada, which establishes for the 2021 year the rules and calendar for the publication of public calls for the recruitment of research and technical staff assigned to research projects, groups and agreements.

Eleven.- Delegation of signature

Mr. Enrique Herrera Viedma, Vice-Rector for Research and Knowledge Transfer, is delegated to sign the different documents, annexes and resolutions, including the final resolution on selection, resulting from this call for applications. The resolutions and acts signed shall expressly state that they are made by virtue of this delegation.

An appeal may be lodged with the Rector of the University of Granada against the final decisions on the allocation of the contracts, which in accordance with 84.2 of the Statutes of this University, the publication of which was ordered by Decree 231/2011 of

12 July (BOJA no. 147, 28 July 2011) does not exhaust appeals through administrative channels, within a period of one month, in accordance with the provisions of Law 39/2015 of 1 October, on the Common Administrative Procedure of Public Administrations.

Against the present resolution, which, in accordance with Article 84.1 of the Statutes of this University, whose publication was ordered by Decree 231/2011 of 12 July (BOJA no. 147, 28 July 2011), exhausts the administrative channels, the affected persons may lodge, before the Court for Contentious Administrative Proceedings of Granada, a contentious-administrative appeal within two (2) months, starting from the day following the date of publication of this Resolution in the BOJA, as provided for in Articles 4. 1, 8.3, 14 and 46.1 of Law 29/98, of 13 July, regulating the Contentious-Administrative Jurisdiction or, alternatively, an appeal for reconsideration (*recurso de reposición*) before this Rectorate, within one (1) month, starting from the day following the date of publication of this Resolution, in accordance with Articles 112.1, 123.1 and 124.1 of Law 39/2015, of 1 October, on the Common Administrative Procedure of Public Administrations.