

CALL FOR CITMAGA STAFF RECRUITMENT

JOB VACANCY

TITLE: Recruitment of personnel in the framework of the research program of the Galician Centre for Mathematical Research and Technology (CITMAGA), approved by the Governing Council on May 25, 2022, for the development of the CITMAGA's Scientific Agenda. In the Research and Transfer Area "Industrial Competitiveness" within the research program "Efficient production and management" and in the research line "Mathematical Technology and energy

JOB VACANCY REFERENCE: CITMAGA-OT-01/2024.

DESCRIPTION OF JOB POSITION: 1 full-time as a collaborator researcher.

ACTIVITIES TO BE CARRIED OUT: carrying out research tasks of mathematical modelling, statistical prediction, and optimization in problems of science and industry, in the Research and Transfer Area "Industrial Competitiveness" within the research program "Efficient production and management" and in the research line "Mathematical Technology and energy efficiency".

FUNCTIONS TO BE PERFORMED: incremental improvement of the current optimization tool and its calculation flow, incremental improvement of visualization tools, development of own algorithms, statistical modelling, analysis, and implementation of machine learning techniques.

CANDIDATES PROFILE: Graduates, Engineers and equivalents.

MERITS AND REQUIREMENTS TO BE ASSESSED:

- **Training and general experience to be assessed (40 points, all contributions must be documented).**
 - Academic transcript of the degree/bachelor's degree and/or master's degree. Master's degree specialization with content in modelling, statistics and mathematical optimization (20 points) will be valued.
 - Knowledge and previous experience in the design and implementation of mathematical optimization algorithms. (10 points).
 - Knowledge and previous experience in data processing and analysis, statistical prediction models and machine learning techniques. (10 points).

- **Knowledge and additional and specific experience to be assessed (30 points, all contributions must be documented).**
 - Programming experience in scientific calculation languages (20 points).

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- Experience with the Microsoft Azure platform and similar. (5 points).
- Experience in creating MS Power BI reports and similar. (5 points).

■ **Personal interview (30 points).**

Candidates achieving the best assessments according to the above criteria will be called to a personal interview. At least the three best rated candidates will be interviewed and between the two previous sections have reached at least 40 points.

GENERAL REQUIREMENTS FOR CANDIDATES

To be admitted the applicants, in addition to fulfilling the specific requirements demanded in the activity or project for which they make their request indicated in the previous point, they must have on the day of completion of submission of applications and keep them until the expected date of completion of the contract, the following general requirements:

- Be Spanish or national of any of the other Member States of the European Union or national of any state to which, by virtue of international treaties concluded by the European Union and ratified by Spain, the free movement of workers applies.
- The spouse of Spaniards and nationals of one of the other Member States of the European Union may also participate, whatever their nationality, and when the corresponding treaty so provides, or of nationals of a state to which By virtue of the international treaties concluded by the European Union and ratified by Spain, the free movement of workers applies to them, provided they are not legally separated. Likewise, with the same conditions, their descendants and those of their spouse, under the age of twenty-one or older than that who live in their charge, may participate.
- Likewise, nationals of countries that are not members of the European Union or that are not included in the scope of international treaties concluded by the European Union and ratified by Spain in which the free movement of workers is applicable may participate. However, the formalization of the employment contract with these nationals is conditioned to the applicants having granted the exception or work permit and legal residence in Spain.
- Be at least 16 years old.
- Being in possession of the valid degree in Spain that is indicated according to Spanish legislation.
- Be in possession of the title and other requirements demanded in the call for each category at the end of the application period.
- Not suffer any disease or be affected by physical or mental limitation that is incompatible with the performance of the corresponding functions.
- Not to be separated, by means of a disciplinary file from the service of any of the public administrations, nor to be disabled for the performance of public functions.

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CONDITIONS:

- Gross monthly salary: 1.679,05 € in 14 payments.
- Planned start date: the day following the resolution of the contract award.¹
- Contract type: Indefinite-term contract for scientific and technical activities.
- Employment status: collaborator researcher.
- Workday: Full-time position (35 hours per week).

EVALUATION COMMITTEE:

Candidate's applications will be assessed by an Evaluation Committee. This Committee will be made up of the scientific head of the Project, who will chair it, the scientific members of the project research team assigned to CITMAGA.

Members of the Specialized Selection Commission:

- President: Julio González Díaz.
- Secretary: Beatriz Pateiro López
- Vocal: Francisco Pena Brage

WORKPLACE: The Galician Centre for Mathematical Research and Technology (CITMAGA), Campus Vida, Santiago de Compostela.

SUBMISSION OF APPLICATIONS:

People interested in this contract must send their applications before January 24th, 2024, 23:59 Spanish official time. Application should include a cover letter summarizing the applicant's career (general training and experience to be assessed, as well as additional merits referred to in the call), a curriculum (with mobile phone and email), and the academic title and transcript of degree and master; the "work life" (which proves the professional merits that appear in the curriculum vitae); and the accreditation of all the merits provided in the sections "Merits and requirements to be assessed" (other certificates). All documentation must be sent to the following email address: itmati@citmaga.gal indicating the job vacancy reference CITMAGA-OT-01/2024. The receipt of requests will be confirmed by email. Candidates who are invited to the interview phase must provide original documentation of the merits provided.

¹ The planned start date could be modified depending on the date of resolution of the contract award. The contract will become in force at the same time that the service enters in effect.

DEADLINES AND RESOLUTION:

Reception of applications: until January 24th, 2024 at 23:59 p.m, Madrid local time.

Evaluation of applications and personal interviews: from January 24th, 2024.

Resolution of the call: first half of February 2024.

CHARACTERISTICS OF CONTRACTS

The personal hired through this call will have an indefinite employment nature for the development of the line of research indicated in each call for positions, and the personnel hired through it will be dedicated exclusively to carrying out the activities linked to the line of research for which will be hired.

In addition to the causes of termination provided for in article 49 of the consolidated text of the Law on the Workers' Statute and the implementing and related regulations, the contract will end when the activities covered by it are completed or when the financing ends. Upon termination of the contract, the worker will receive compensation of 20 days per year worked or a proportional part.

SUBSIDIARY RESPONSABILITIES

People hired must maintain the confidentiality of the activity they carry out, as well as keep secrecy of all issues and issues inherent to it and of which they are aware.

INCOMPATIBILITIES

The contracts subject to the call are subject, as far as their incompatibility regime, to the provisions of Law 53/1984, of December 26, on incompatibilities of the Personnel in the Service of Public Administrations.

INFORMATION ON PERSONAL DATA PROTECTION (RGPD 2016/679 and LOPDGDD 3/2018)

RESPONSIBLE FOR THE TREATMENT: THE GALICIAN CENTRE FOR MATHEMATICAL RESEARCH AND TECHNOLOGY (CITMaga);

PURPOSE OF PROCESSING: The management of applications linked to the selection process;

LEGITIMATION FOR PROCESSING: Consent of the interested person (article 6.1a of the RGPD);

RECIPIENTS OF THE DATA: No data will be transferred to third parties;

CONSERVATION PERIOD: The data provided will be kept for a maximum period of two years;

EXERCISE OF RIGHTS: interested parties may request access, rectification or deletion of their data, opposition, limitation of processing and, where appropriate, withdraw the consent granted by sending an email to dpd@citmaga.gal.

CONTACT DELEGATE DATA PROTECTION AND ADDITIONAL INFORMATION: dpd@citmaga.gal

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All information regarding this call, as well as the resolution of this, will be published on the CITMaga website: <https://citmaga.gal/procesos-seleccion-personal>.

Rosa María Crujeiras Casais
Scientific Direction of CITMaga.



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Asinante/Firmante/Signer: ROSA MARIA CRUJEIRAS CASAIS, NIF ***3178**, 15/01/2024 12:16:30.

CSV: 59DC-03DB-4B36-9D9C