

CALL FOR RESEARCH PERSONNEL

CENTER FOR MATHEMATICAL RESEARCH AND TECHNOLOGY OF GALICIA – CITMAga

PREAMBLE

The Centre for Mathematical Research and Technology of Galicia (CITMAga) was created on August 19, 2021 ([Statutes of the Centre](#) published in the Galician Official Journal, DOG). The purpose of CITMAga is to conduct excellent research and transfer knowledge in all areas of Mathematics, by implementing a focused and specialised scientific agenda, organised in research areas and programmes, and directed towards achieving the global challenges established in +D+I framework strategies. In addition, CITMAga will integrate in its structure the Technological Institute for Industrial Mathematics Consortium (ITMATI). The [Founding Charter](#) of CITMAga describes the scientific agenda of the Centre, designed according to the capacities of the Galician mathematical community; the challenges deemed as approachable through mathematical means; and an analysis of other centres as well as relations and collaborations with other areas. Those premises underpin the “M4 Agenda”, which is structured at two levels: research and transfer areas at the first level and research programmes at the second level. The four research and transfer areas are directly related to the global challenges identified by Horizon Europe: M4 Digital Society, M4 Life and Sustainability, M4 Industrial Competitiveness and M4 Science and Knowledge. The [Founding Charter](#) of CITMAga provides further details on the initial contents of each research programme and the interrelation among areas.

M4 SCIENCE AND KNOWLEDGE <i>(M4 Ciencia y Conocimiento)</i>	M4 DIGITAL SOCIETY <i>(M4 Sociedad Digital)</i>
<ul style="list-style-type: none"> ▪ Complex phenomena and dynamics ▪ Natural structures ▪ Mathematical data analysis 	<ul style="list-style-type: none"> ▪ Smart systems ▪ Digital humanities ▪ Computation, learning and security
M4 LIFE AND SUSTAINABILITY <i>(M4 Vida y Sostenibilidad)</i>	M4 INDUSTRIAL COMPETITIVENESS <i>(M4 Competitividad Industrial)</i>
<ul style="list-style-type: none"> ▪ Biostatistics and biomathematics ▪ Understanding the environment and the climate change ▪ Heading for sustainability 	<ul style="list-style-type: none"> ▪ Mathematical modelling for the industry ▪ High performance computing and algorithms ▪ Efficient management and production

ELIGIBLE CANDIDATES AND SELECTION PROCESS

After the constituent meeting of the Governing Board and the External Scientific Advisory Board of CITMAga, the first affiliation process is launched, aimed at the research personnel affiliated with the participating universities, and in accordance with Article 19 of the CITMAga Statutes. This affiliation process is aimed at: teaching faculty, associate professors, assistant professor, emeritus, research fellows in charge of grants from competitive HR calls (Ramón y Cajal, Juan de la Cierva formación e incorporación, Beatriz Galindo, Marie Curie, Posdoc Xunta, etc.), distinguished researchers and other equivalent positions.

According to Article 19 of the CITMAga Statutes, the affiliation of new members of research personnel to CITMAga will be undertaken through an open selection process convened every two years by the Governing Board, at the External Scientific Advisory Board’s proposal. In addition, the External Scientific Advisory Board will evaluate the candidates following OTMR criteria (Open, Transparent and

Merit-based Recruitment). In this sense, the External Scientific Advisory Board will evaluate the competence and capability of the candidates using excellence criteria, by considering their research career and their relative performance. The evaluation will be based on quantitative and qualitative competitive indicators that evaluate relevant research and transfer aspects and on the candidate alignment with CITMAga's Scientific Agenda. Annex IV includes the evaluation form that the Scientific Advisory Board will use.

As a reference, the evaluation will consider: accreditation of six-year periods of research and/or transfer (if the candidate can apply to them), relevance of scientific publications, participation and direction of competitive research projects, participation and direction of transfer activities, as well as any other merits (e.g., congresses, committees, editorial activity) and awards that can be assessed to evaluate the alignment with the scientific agenda of CITMAga.

The affiliation of the researcher to CITMAga will be for four years, extendable for terms of the same duration, after a favourable evaluation from the External Scientific Advisory Board of the research and transfer activities undertaken by the researcher.

As the CITMAga Statutes indicate, the affiliation of the researchers to CITMAga will not imply the loss of the relation with the university of origin. Their dedication will be extended, as a general rule, to the totality of their research and transfer dedication. Exceptionally a partial dedication of 30% for researchers affiliated with any centre of the Research Centres Network of the Galician University System (SUG) will be possible. The affiliated personnel will have a dual affiliation, and they will be considered part of the Centre and their entity of origin.

APPLICATION PROCEDURES

The deadline for submitting applications is October 22nd 2021, 14:00 CET. To submit the applications, candidates may send them by email (citmaga@citmaga.gal) with subject "Call CITMAga", fulfilling this [online form](#) (also available in Annex II), and accompanied by the documentation indicated in Annex III (short CV and a scientific report).

PLANNING

Date/Period	Action
06/Oct/2021	Announcement of the affiliation call by the three Galician universities.
Until 22/Oct/2021	Application period for candidates.
26/Oct/2021	Delivery of the submitted applications to the External Scientific Advisory Board
16/Nov/2021	Deadline for the delivery of the evaluations by the External Scientific Advisory Board
26/Nov/2021	Presentation of the affiliation proposal to the Governing Board.

ANNEX I. RESEARCH PERSONNEL AFFILIATED WITH ITMATI

Interim Provision One. Transition regime for research personnel affiliated with ITMATI.

1. *The research personnel affiliated with ITMATI at the time these Statutes become **effective will be affiliated with CITMAga with provisional character**, and for the **duration of the projects or activities in which they participate, except in the case that the researcher affiliated with ITMATI communicates his/her resignation within a month since the date that these Statutes become effective. In order to keep their affiliation to CITMAga, the research personnel affiliated with ITMATI shall participate in the first selection process** for the affiliation of research personnel, that will be convened under the terms specified in the Additional Provision Two*

2. *The research personnel affiliated with CITMAga with provisional character under the terms specified in the previous number will be subject to the stipulations of these Statutes for this category of personnel.*

ANNEX II. APPLICATION FORM FOR THE AFFILIATION TO CITMAGA

This form must be filled in online through the following [link](#).

Personal and professional data	
Last name	
First name	
ORCID code	
Scopus	
Researcher ID	
Google Scholar profile	
Personal webpage	
National ID	
University affiliation	
Department	
Knowledge area	
Current position	

Research career	
Six-year periods of research and transfer (stating years)	
Have you been PI of research projects selected through competitive calls/programs in the last 5 years?	
Have you participated in research projects selected through competitive calls/programs in the last 5 years?	
Have you been PI of transfer activities in the last 5 years?	
Have you participated in transfer activities in the last 5 years?	
Have you been a affiliated with ITMATI in the last 5 years?	

Affiliation application	Total/Partial (30%; justification)
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ANNEX III. DOCUMENTATION TO BE ATTACHED

- Short Curriculum Vitae, in English (e.g. CVN).
- A scientific report, in English, with an extension of two pages, maximum. The candidates should express in the report their scientific interests, their most relevant achievements (both in research and in transfer) and their potential contributions to CITMAga (indicating research and transfer areas of the CITMAga's Scientific Agenda).

Note: *At the time of affiliation, the selected candidate may attach a report from the Adscription Department, which will be provided. Concurrently, the selected candidate may indicate whether he/she wants to affiliate any other research staff under his/her supervision or tutoring, under the corresponding job positions.*

ANNEX IV. EVALUATION FORM FOR THE EXTERNAL SCIENTIFIC ADVISORY BOARD

Evaluation of the CV. Adjust the evaluation considering whether the candidate is a young researcher (scientific quality, training, future projection) or a researcher with a consolidated career (quality of the results, transfer results, capacity for training and attracting young researchers, leadership of European projects, leadership of national projects).

Scoring (from 0 to 60)

- Suitability for CITMAga, based on the presented report.
- Participation in projects with particular relevance and with an inter-university character.
- New research lines of special importance.
- Capacity in transfer activities.
- Potential interaction with other disciplines and fields of the Galician R+D+I system.
- Relations with other research centres strategical for Galicia.

Scoring (from 0 to 40)

In view of the CV and the report, do you consider that this researcher can positively contribute to the future development of CITMAga?