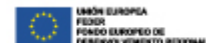


Supercomputing Center of Galicia - CESGA
Access to Singular Scientific and Technological
Infrastructures.
Year 2014

**"This is only a translated version of the original document in Spanish. In case of any
doubt you should refer to the original document."**



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1. Introduction.

CESGA, being a Singular Scientific and Technological Infrastructure (in Spanish ICTS), offers access to its resources for researchers from EU countries, European Economic Area (EEA) and CYTED program to access its resources. Through these access, researchers, who may or not belong to Galician research community or to Spanish National Research Council (CSIC), can access supercomputing resources available at CESGA. Previously, only researchers from these Galician research community or CSIC could do so. Current CESGA users can request these access in order to obtain privileged accesses to a big amount of resources, or to obtain an on-site access.

2. Types of access.

Finis Terrae supercomputer is an integrated system of 144 shared memory nodes with a total of 20,000 GB of main memory, 390,000 GB disk and 2,580 Itanium processors. Also 56 AMD Magny-Cours nodes and 10 Intel Sandy Bridge nodes (1,536 cores and 4,080 GB of main memory) are available.

These access aim is offer access to researchers or research groups to CESGA to carry out research projects, acquire knowledge or get training in technologies in use at the premises.

The types of access are:

- **Access to hours of calculation time off-site (remote access).**
- **In-house stays at CESGA.**

The offer approved for each period, as well as financing conditions, will be published in the server information ICTS-CESGA (<http://icts.cesga.es>).

3. Funding

a) Remote access

Researchers belonging to the Galician public research system, or to the Spanish National Research Council (CSIC), will have remote access for free.

Researchers from other institutions will have the option of either addressing the costs for direct access or reject it.

CESGA will consider the possibility of financing the proposals rated as *excellent*, even if there is non specific funding available for it. Proposal will be considered *excellent* if it obtains a score over 4.5 on the evaluation process.

b) Research stays:

With regard to computational time, will be applied the same criteria than for remote access. For remaining costs of stay (travel, accommodation, subsistence, etc) the funding conditions will not depend on the applicant's home institution. Those expenses will be borne by the beneficiary, unless CESGA gets specific funds to finance this type of access.

4. User requirements.

4.1. General requirements

Remote access:

Users who access ICTS **must have** Spanish nationality, or come from EU, EEA or CYTED program member countries, as stated in Royal Decree 178/2003 (Feb 14th); **or proof their legal residence** in Spain, as stated in Organic Law 4/2000, January 11th 2000 (Rights and liberties of foreigners in Spain, and their social integration), or have legal residence in any of the aforementioned countries.

Research stays:

Users who access ICTS **must have** Spanish nationality, or come from EU and EEA countries, as stated in Royal Decree 178/2003 (Feb 14th); **or proof their legal residence** in Spain, as stated in Organic Law 4/2000, January 11th 2000 (Rights and liberties of foreigners in Spain, and their social integration), or have legal residence in any of the aforementioned countries.

Additionally, for each application, the applicant must also comply with the specific requirements of the chosen type.

4.2. Specific requirements according to access modality.

Access can be requested in two ways, depending on the profile of the applicant. Modalities and their requirements are:

a) Modality 1.

Be a researcher (not a doctor) who is working on his/her doctorate thesis.

The duration of the access in this modality cannot exceed eight weeks in the same financial year period.

b) Modality 2.

- Be a doctor or a researcher with a minimum of 3 years of proved research experience.
- Be linked by statute or by contract to a public R+D institution or a non-profit private R+D center.
- Belong to a research group, a scientific department or similar unit.

4.3. Additional Requirements.

Only researchers who are not linked by statute or by contract to CESGA or any research unit attached to this institution can be candidates to obtain a grant described in this document.

Applicants who have been beneficiaries of access to ICTS-CESGA in previous calls must:

- Have provided the scientific production information on the activity or activities within the deadlines set by the CESGA.
- Have performed an acceptable use of the resources granted in the previous access. The *Acceptable use* will be measured based on the final use of resources made by the applicant versus the resources granted.
- Be current in payment of consumption rates , if that is the case.

Each period may have their own additional requirements, published in the access document offer, which must be met.

5. Procedures.

Potential users can apply directly to CESGA, once the call is published in ICTS-CESGA information server (<http://icts.cesga.es>).

A user can apply for more than one access, and each application will be evaluated independently.

5.1. Application forms and compulsory documentation.

Requests will be done through an online application form, according to the model published in our webpage (<http://icts.cesga.es>). This online application form requires to fill in the following information:

- Applicant data
- Main researcher, Ph.D supervisor or research responsible data
- Type of access required (remote or stay)
- Selected modality (type 1 or 2)
- Nationality or country of residence (EU or non-EU)
- Preferred dates to access the resources
- Detailed information about the activity to carry out
- Computational, application and support requirements for the activity

This application should also include the following documents:

- Individual CV / Resumé (group CV for research groups), according to the type of access.
- Work proposal to carry out during your stay.
- Copy of I.D. or passport, if you have Spanish nationality (or come from EU, EEA or CYTED program member countries), or residence permit, which proofs your legal residence in Spain or in any EU, EEA or CYTED program member countries.
- Positive report issued by your PhD supervisor, departament head or main researcher (as applicable)

After receiving this application, CESGA may at any time contact the applicant to request additional information or further explanations to what was presented.

5.2. Deadlines for submitting applications.

Period's deadline is set every four months, where submitted proposals will be sent to the External Access Committee for evaluation. Proposals submitted after deadline will be evaluated into the next period. Deadlines for each period in 2013 will be published in the web page <http://icts.cesga.es>.

5.3. Applications evaluation and selection.

Access requests will be selected and evaluated according to the following procedure:

1. Initial evaluation carried out by a panel of expert evaluators, selected from Galicia regional government main research program.
2. Final evaluation and selection by an external Access Committee, supported by the panel of experts mentioned in point 1.

Proposals will be selected according to the following evaluation criteria:

a) Remote access**Scientific criteria:**

- Overall quality of the scientific project where the proposed activity is included (20%).
- Relevance of proposed activity and Finis Terrae computing resources usage to achieve the goals of the project (30%)
- Scientific credentials of the applicant research group (10%).

Technological criteria:

- High performance computing experience (10%)
- Real need of a supercomputer to carry out the computation (20%)
- Suitability of the activity with the architecture (10%).

b) Stays**Scientific criteria:**

- Quality and interest of the work proposal (20%)
- Applicant's CV (20%)
- Proposal justification by your PhD supervisor, department head or main researcher of the project you work in (as applicable) (20%)

Technological criteria:

- Feasibility of the proposal within the framework of offer of access. (40%).

A list of all proposals, ordered by scores, will be produced for the selection process. unfeasible proposals will be dismissed. The Access Committee shall be responsible for making the final allocation of applications according to objective criteria and the same for all participants and according to the rules of the Call. This committee will be responsible for setting deadlines for the use of prioritized* and not prioritized* hours.

The maximum score that a proposal can get is 5 points, do not take into account those proposals that do not obtain a minimum of 2.5 points in the evaluation process.

In order to maximize the number of research groups who are granted access, if a group has approved more than one application priority will be given to other groups with the same score, or slightly below, before granting several access to the same group.

In the event of a draw in the final score, priority will be given to first time users to ICT-CESGA, and if draw still exists, women will be given priority over men. If draw still goes on, accesses will be granted by alphabetical order, following the corresponding official Resolution from the Department of Internal Affairs.

() Prioritized hours are guaranteed under condition of consumed them within the prescribed period.*

*(**) Not prioritized hours may be used by the applicant after having consumed the assigned prioritized hours, and there are left any hour available that were not used so far by the other applicants. Therefore their availability it is not guaranteed and the hours will be assigned to the applicants as they are consuming them up to the limit assigned.*

If users do not have access for the first time will take into account additional criteria, related to their previous access, such as:

- Level of use made of the resources granted in previous calls.
- Presentation of the results report. For continuity activities, this memory may be partial if its period is not over.

5.4. Composition of the External Access committee.

The external access committee will be formed by the following members:

- An expert in Innovation Management external to CESGA.
- A representative from the Science and Innovation Ministry external to CESGA.
- An expert in Supercomputing external to CESGA.
- Two experts in Scientific Simulation external to CESGA.
- An expert in Supercomputing from CESGA
- An expert in Supercomputing from CESGA (with the right to speak in debate but without a vote, (with the right to speak in debate but without a vote, acting as secretary.)

5.5. Decision, notifications and appeals.

CESGA is entitled to accept or refuse access to applicants, having to provide a justification if the latter.

Communication will be established directly with the applicants. Information on possible appeals and deadlines will be provided. Besides, there will be a explicit notice of compatibility regime for these grants. CESGA will send a copy of this communication to the examining body.

Applicants will have 10 days to accept or refuse in writing access awarded.

Under no circumstance an access approval to CESGA will have a contractual nature of the researcher and Fundación CESGA.

6. Agreement of access.

CESGA will include the following requirements in the agreement to allow access to the user:

- The user must present a certified declaration stating the compliance of **requirements** according to the chosen modality.
- The user, once his/her access to ICTS is finished, must fill in a **survey** about this matter, following the model from the Ministry of Science and Technology website. This survey will be sent back to the corresponding institution, not later than 3 months after the stay/remote access is finished.
- The user will have to **inform** of any scientific or technological **result** obtained thanks to his/her access to ICTS-CESGA, and should mention his/her grant through this program from the Spanish Ministry of Science and Innovation as well as Finis Terrae use in these results. At the same time, a procedure for scientific work reporting and its regular concurrence will be defined.
- There will be a set of rules regarding **exploitation of results**. A record of beneficiaries of this program and R+D actions (papers, patents and other results) associated with ICTS accesses within this program will be kept.
- In case of stays, the user will be requested to send a **certificate** or a valid proof of having a **health and accidents insurance** valid for the whole stay.
- The user who obtains a stay will be also committed to give a **public seminar** related with the research activities he/she is carrying out, during his/her stay.

In case of failure to comply with the conditions for the access, CESGA has the right to terminate the access without notice and, if applicable, seek a full refund of the grant.