



2nd Latin American e-Science Meeting

Digital Transformation in Institutions of Higher Education, Science and Culture

CALL FOR PAPERS

Cartagena de Indias, Colombia - September 3 to 5, 2018

The 2nd Latin American e-Science Meeting seeks to offer a new space for the exchange of knowledge and good practices in the use of Information and Communication Technologies (ICT) in the field of research, aiming to contribute to the improvement and the optimization of the management and the work of scientific groups of the region. We invite Latin American researchers to present papers that reflect their experiences in the development of collaborative initiatives involving the use of ICT in the areas of Biodiversity, Health, Environment, Astronomy, Art and Culture in Network, Humanities and High Energy Physics, considered as priority according to the themes defined below.

Open Science is the movement that works so that scientific research, its data and its dissemination are accessible at all levels of a research society, be it amateur or professional. It covers practices such as the publication of research and campaigns, facilitating the communication of scientific knowledge; the initiative of a free and open culture is a social movement that promotes the freedom to distribute and modify creative works in the form of open content through the use of the Internet and other communication means.

The 2nd Latin American e-Science Meeting will be held, for the second year, along with the TICAL Conference, whose call is driven to the presentation of works in Digital Transformation in Higher Education Institutions ([see the call for TICAL2018](#)).

It is hoped that the papers will present an experience that will allow the audience to learn at least the following aspects:

- The impact of the developed research
- ICT used in the development of the research and the description of the support and/or contribution given to the fulfillment of the research objective.
- Description of the collaboration network that participated in the project.
- Description of the experience that was gained in building the collaborative project teams and strategies, particularly among researchers and technology experts (learned lessons).



Priority Topics

Note: The themes that are shown in the priority areas as examples do not exclude others that can be presented by the researchers that wish to apply for this call.

1. **Open Data**
2. **Institutional repositories**
3. **Open publications**
4. **Internet of Things (IoT) / sensors**
5. **Citizen empowerment**
6. **High performance processing**
7. **Scientific visualization**
8. **Online / Custom Creation**
9. **Analysis of feelings**
10. **Open Innovation: FabLab, Hacker Space and others**
11. **Citizen science**
12. **Data and Linked Data Management**
13. **Collaborative support applications: large-scale scientific collaboration**
14. **Big Data**
15. **Health and personalized medicine**
16. **Governance in scientific collaborations**

Mandatory requirements:

Material that applicants must prepare

1. A paper with a minimum length of eight (8) and a maximum of 20 pages, describing the work that has been carried out and its results. The official languages are Spanish and Portuguese.
2. Papers must be submitted in strict accordance to the format established by the TICAL2018 Conference and the 2nd Latin American e-Science Meeting Authors Guide ([download here](#)) in Word and PDF format.

If your paper is selected, you will need to prepare:

1. An English copy of the abstract (200-300 words).
2. A presentation of a maximum of 15 minutes, showing the experience developed in all its stages.

Structure of the presentation of the paper

1. Problem and context in which the project was developed
2. Description of the implemented technological solution
3. Critical and relevant aspects to be highlighted and detailed.



4. Obtained results and its impact.
5. Learning (errors and hits)
6. Not expected impacts.

Who can participate?

The call is driven to groups of researchers (young researchers, advanced postgraduate students) who are working in the priority areas - indicated above - whose experience involves the use of ICT (see priority topics) as a support for research work. It will be highly valued the receipt of papers that report experiences of collaborative work between the researchers and the ICT area of the institution.

Benefits for Selected Papers

The BELLA-T Project will cover the expenses related to the transfer of one of the researchers responsible for the selected paper to the host city of the event (Cartagena de Indias, Colombia), as well as those of their stay and participation in the Meeting.

Call for Papers

We invite those interested to present their works, preferably on the topics described above, sending their proposals to eciencia@redclara.net indicating in the subject: **Propuesta para la Convocatoria de Trabajos - II Encuentro Latinoamericano de e-Ciencia.**

Important dates:

February 26, 2018: Opening of the Call

May 7, 2018: End of the Call

June 29, 2018: Notification of Selected Authors

September 03-05, 2018: 2nd Latin American e-Science Meeting - Cartagena de Indias, Colombia