



## + Research + Projects

### RedCLARA Communities (COMCLARA)

Through the Latin America Interconnected with Europe (ALICE2) project, the researchers from the institutions connected to RedCLARA's member institutions have since 2010 the opportunity of strengthening their work links in the context of their research interests, consolidating their relations and making use of telecommunications and informatics resources which only exist in RedCLARA's advanced internet network. That is COMCLARA, an engine aimed at giving the initial boost to those emerging initiatives which promote development, research and innovation in the region, thus eliminating divides and fostering social progress.

Today, COMCLARA strengthens the actions of the following communities:

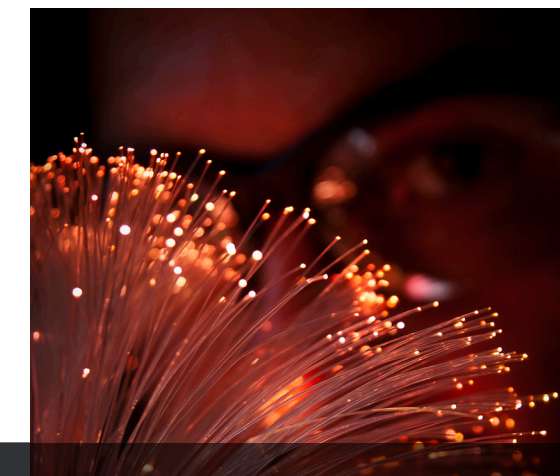
- Large Aperture Gamma Ray Burst Observatory (LAGO, Argentina)
- Map and Arts Programme in Digital Dance (and Performance) (MAPA D2, Brazil)
- Latin American Community of Learning Objects (LACLO, Venezuela)
- Latin American Community of Digital Libraries and Repositories (COLABORA, Ecuador)
- Flu Programme for Central America and Panama (Influenza, Guatemala)
- Initial Teacher Training (TIC in FID, Chile)
- International network of musical traditions immaterial heritage recovery (ACHALAI, Chile)
- Scientific and High Performance Computing (ICT in Computer Grids, Colombia)
- Art and culture community in the network (ARCU-RED, Colombia)
- Image Processing Online Latin America (IPOL-LA, Uruguay)
- Regional Latin American Open Community for Social and Educational Research (CLARISE, Mexico)
- Latin American Community of Space Data Infrastructure (Latin IDE, Ecuador)
- Latin American Community for Research and Knowledge Creation (CLIC, Colombia)

### In Projects

Since its creation, RedCLARA has promoted the development of collaborative projects in such fundamental issues as climate change, health, education, computer grids, astronomy, remote instrumentation, biodiversity and high-energy physics. As a result of this work, RedCLARA's achievements include participation in major cooperation projects like EELA, EELA2, GISELA, EVALSO, GLOBAL and RINGrid, CHAIN, and in the implementation of ALICE2, e-CiencIAL, IADB-Strengthening of Regional Advanced Academic Networks through RedCLARA as a Regional Public Asset, IADB-RPA, Institutional Scientific Documentation Repositories and e-CiencIAL.

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RedCLARA's e-Infrastructure aims to be the Regional Collaboration Space for Research, Education and Innovation. RedCLARA is more network, more science.



“ Today, one of the fundamental aspects in research development is the capacity to have connectivity with other highly efficient laboratories, something that goes beyond the internet system; RedCLARA makes it possible that I can watch the experiments being conducted in Temuco or Brazil through the connection in my computer. Today, there is no way you can do that unless you have that connectivity. ”

Dr. Fernando Romero, leader of the project called "Biopharmaceutical, human spermicide, obtained from *Latrodectus mactans*", La Frontera University, Chile.

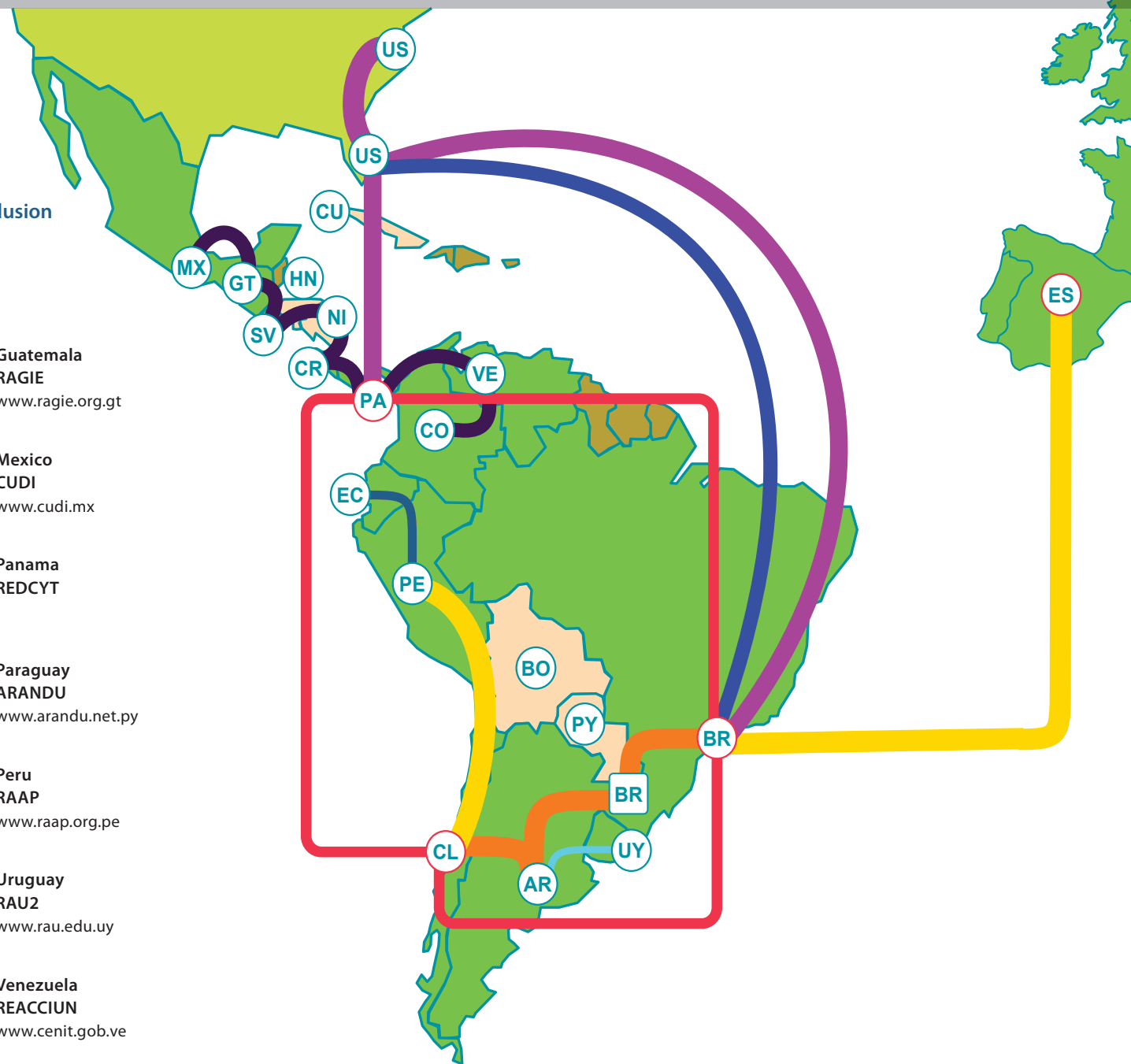


## +Network + Science

RedCLARA is Latin America's advanced internet network. Its state-of-the-art infrastructure interconnects the region's National Research and Education Networks (NREN) and directly links them with advanced academic networks in Europe,

North America, the Caribbean, Asia, Africa and Oceania, thus strengthening communication and collaboration for development of research, innovation and education.

## +Links + Inclusion



## RedCLARA members

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| <b>Argentina</b><br>INNOVA RED<br>www.innova-red.net | <b>Guatemala</b><br>RAGIE<br>www.ragie.org.gt    |
| <b>Bolivia</b><br>ADSIB<br>www.adsib.gob.bo          | <b>Mexico</b><br>CUDI<br>www.cudi.mx             |
| <b>Brazil</b><br>RNP<br>www.rnp.br                   | <b>Panama</b><br>REDCYT                          |
| <b>Chile</b><br>REUNA<br>www.reuna.cl                | <b>Paraguay</b><br>ARANDU<br>www.arandu.net.py   |
| <b>Colombia</b><br>RENATA<br>www.renata.edu.co       | <b>Peru</b><br>RAAP<br>www.raap.org.pe           |
| <b>Costa Rica</b><br>CONARE<br>www.conare.ac.cr      | <b>Uruguay</b><br>RAU2<br>www.rau.edu.uy         |
| <b>Ecuador</b><br>CEDIA<br>www.cedia.org.ec          | <b>Venezuela</b><br>REACCIUN<br>www.cenit.gob.ve |
| <b>El Salvador</b><br>RAICES<br>www.raices.org.sv    |  |

*"Through RedCLARA I have been able to see how artists from several countries get together to dance at the same time, using the collaborative space and potential offered by advanced internet as their stage, and I have also seen how doctors can get together to conduct an operation or how researchers from different countries can get together to work. Through RedCLARA the limit is set by our imagination".*

Ángel Nemesio Barba Rincón, Academic Director of the Department of Socio-Humanistic Studies of the Autonomous University of Bucaramanga, Colombia.

*"Since LAGO (Large Aperture Gamma Ray Burst Observatory) is a project which brings many countries together and considering the fact that the places where the Cherenkov water detectors –used to measure the radiation produced by gamma ray bursts- are located in diverse geographical spaces in Latin America, it is essential to have a large capacity communication system like that of RedCLARA, an infrastructure which allows us not only to collect the data we require to conduct our studies, but also to bring them together and organise them in order to use them in a straightforward and generic way".*

Xavier Bertou, leader and spokesman of LAGO and researcher from the Bariloche Atomic Centre, Argentina.

## +Services +Collaboration

### RedCLARA Portal

In [www.redclara.net](http://www.redclara.net) RedCLARA reasserts its commitment towards research and education communities. Just by registering in the Portal members of the Latin American research communities have access to their own exclusive Web 2.0 virtual environment, featuring instant messaging, news and events dissemination, online and direct communication with the services that RedCLARA has deployed in order to strengthen collaboration, such as: tools to manage your events, information and alerts about local, regional and international funding sources; documents repository, exclusive desktop videoconference service and multipoint videoconference room programming and booking service, opportunities to find partners and access training courses, among others.

### Integrated Videoconference Service – SIVIC

Organising videoconference with participants from one or more cities and countries and, at the same time, inviting each of the representatives you require to attend your activity in an environment with quality certified by RedCLARA is possible and easy to do through SIVIC. Implemented by RedCLARA in collaboration with Latin American NRENs, our Integrated Videoconference Service joins distributed meeting rooms and equipment from the region's academic networks in order to maximise the research communities' interaction as well as regional development. SIVIC not only allows you to organise videoconferences in one single space from and between different countries, but also makes it possible to book the videoconference rooms in each NREN.

### VC Espresso

Exclusive desktop videoconference service for RedCLARA's members and research communities, which allows you to informally meet live and direct with one or more colleagues, while enjoying a cup of coffee in front of your desk, with high quality image and sound, and without time restrictions. But there is more, VC Espresso is designed for you to be able to share documents with those people you have invited to your meeting; thus, collaborating in the formulation or implementation of projects and in the evaluation of research data is more simple, eliminating the need to travel and the costs associated with this.

### RedCLARA Aprende

An exclusive lifelong training space in the fields of technology and management, among others, for the members of RedCLARA's scientific and technological communities.

### RedCLARA Ve

On demand video service which makes it possible to consult the recordings of the technical training courses in subjects related to advanced internet networks and the implementation of services and applications, scientific meetings and opportunities for the development of collaboration initiatives in different areas of knowledge. Register in RedCLARA Sees and publish the conferences, seminars and academic events produced by your community.

