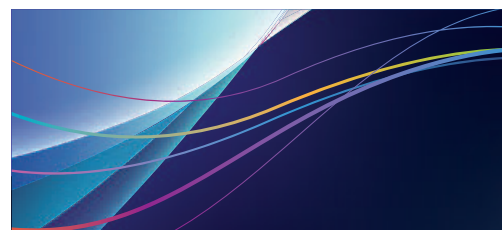
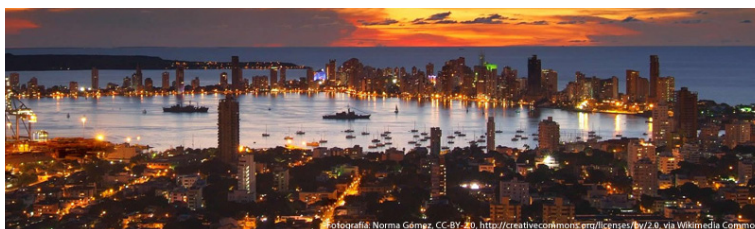


# DECLARA

The team has grown  
Meet the RedCLARA's new members

Do you have a paper ready for TICAL2013?  
Meet the objectives and topics of the Conference

With the support of RedCLARA  
CKLN launches collaborative portal



March 2013 - n°34, year 9



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A project implemented by RedCLARA

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«The European Union is constituted by 27 member states which have decided to progressively join their practical knowledge, their resources and their destinies. Over an expansion period of 50 years, together they have built a stability, democracy and sustainable development zone, and have also preserved cultural diversity, tolerance and individual liberties. The European Union is committed to sharing its achievements and values with countries and peoples which are beyond its borders».

**The European Commission is the executive body of the European Union.**

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## Lucas Giraldo Ríos Executive Director of RENATA

TICAL 2013 will be held in the beautiful city of Cartagena de Indias and this year it will host at least 400 Directors of Information and Communications Technologies, ICT, from Argentina, Brazil, Chile, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Mexico, Panama, Peru, Uruguay, Venezuela, Bolivia, Cuba, Honduras, Nicaragua and Paraguay. Same as in the two previous conferences in Panama City and Lima, our commitment is strong.

And it is strong because what we are placing onstage is the possibility for all our directors of ICT of participating in a privileged meeting space designed for the exchange of experiences and knowledge and for the development of actions that will contribute to improving their management mission in their universities for the consolidation of local and regional interests, which make a contribution to the construction of the countries and societies we used to dream of and can now actually build.

The work we do on a daily basis from each of our national networks is unveiling the talent of our researchers, teachers and students, and is calling for the conduction of sustained efforts which focus on the generation of strategies which favour, based on the technological deployment, the materialisation of the potential of our countries and our region. That is why TICAL exists! And this is what we are inviting our ICT directors to, to be part of this scenario for collaboration that will continue to be consolidated in 2013 as a unique meeting space in the region, so that authors, speakers and delegates can share, benefit and articulate themselves with the

most outstanding practices, insights and views on IT for education and science in Latin America and the rest of the world.

TICAL 2013 is ready to welcome all those who are making efforts from the technological management so that innovation and research in our higher education institutions strengthens our countries in their route towards the generation of knowledge, contents and progress.

TICAL is ready in 2013 to meet the expectations of those who see in technology the best catapult for the consolidation of an inclusive and quality higher education.

The commitment of our national networks and of every actor in our work teams is also related to the responsibility of accompanying our ICT directors in the interaction with best practices associated to solutions which show, from a technological point of view, the challenges faced by our universities in topics related to the cooperative acquisition of assets and services, computer grids, access to digital libraries, simulation tools, virtual computer laboratories, solutions for project management, management and distribution of specialised software, solutions based on mobile devices, classroom technologies, knowledge management, internationalisation, academic mobility, collaborative services and virtual education, among others.

The final countdown has already started...And as it usually happens these days, once more the past and the future come together in one single stage to invite us to seize the best things about leadership and excellence. This is why it is not paradoxical that RedCLARA, with the unconditional support of RENATA in Colombia,

is ready to welcome the people responsible for the technological deployment of universities in one of the oldest, but most magnificent cities in our continent.

Through TICAL we will continue ratifying how ICT Departments make priceless contributions to the management of services, tools and resources, for the benefit of the academic and scientific community of practically the entire continent.

So let us hope we can meet in July in Cartagena de Indias to participate in TICAL.

All for one and there is a network for all

# These are the faces of the services with which RedCLARA operates

In order to have a high-quality connection and services and systems which support science and research in Latin America, RedCLARA requires the support from its members for network operation and management. Four services (NEG, the NOC, the SEG and the VNOC) are developed by national networks and below we introduce the people and faces who are in charge of them

Tania Altamirano L.

“The services hired by RedCLARA are chosen among the different member national networks, through a process that is similar to a tender. In this process, terms of reference are established and the networks submit their proposals, which are compared by an assessment committee. In the case of the SEG and the VNOC, RENATA submitted a proposal which covered all our expectations. In the case of the VNOC, this was possible because

RENATA is one of the networks with the most internal experience in videoconference services”, says Gustavo García, Technical Manager of RedCLARA.

What are the benefits? According to García, RedCLARA always aims to strengthen collaboration links with national networks. “Furthermore, it makes it possible to strengthen the organisation’s capacities at a regional level. We know that national networks and

RedCLARA are willing to share information which an external provider could regard as strategic or internal”, he adds.

## NEG

**NREN: National Education and Research Network, RNP, Brazil**

The Network Engineering Group, NEG, is in charge of the design, planning and implementation of RedCLARA (network engineering plan). Its duties are to develop RedCLARA, expand its services, improve its technical and operational features, and to supervise its operation (task done by the NOC) and services.

## Marco Antonio Marcos Teixeira

Engineer with a degree in Computer Networks from the Senac in Rio de Janeiro, Brazil, with a postgraduate from the Pontificia Universidad Católica in the same city. He has vast experience, which includes two years working as senior network engineer in Brazil’s national network, RNP, five years in the operator of satellite connections, Telespazio Brazil, and two years as an intern in Oi (Brazil’s largest telecommunications company).

“My work is to do all the network engineering. This is really important because we are a



Gustavo García, Gerente Técnico de RedCLARA

“network” (set of equipment connected through links, protocols) and without management we could not have any customers. The NEG is the group that gives life to the network. Without the NEG there wouldn't be links, routing, protocols and much more. The main goal for 2013 is to activate the 2.5 Panama-Brazil-Chile links and to change the old routers for the new ones we have”.

“I think that keeping the network's good quality helps the development of smaller national networks and especially it makes it possible to implement RedCLARA. Before there were lots of ideas, but with the help of the NEG ideas became a reality”, concludes Teixeira.



Marco Teixeira

## NOC

### NREN: REUNA (National University Network), Chile

The Network Operation Centre, NOC, deals with the everyday operation of the network. It is in charge of the everyday administration, control, monitoring and operation of all physical and logical infrastructures which make up RedCLARA's backbone. Its work aims to ensure high levels

of performance and operation of the network and its interconnections.

The same as RedCLARA's NEG (Network Engineering Group), the NOC reports to RedCLARA's Technical Committee, whose aim is to keep the network at the frontier of IP network advanced services. This objective must be fulfilled through the coordination of the

NOC and the NEG. Furthermore, the Technical Committee must provide the best information and the highest possible flow of communications between both groups, protecting those technical and political issues of RedCLARA's members.

## Claudia Inostroza

Electronic Civil Engineer, graduated from Universidad de Concepción, and MA in Networks and Communications from the Universidad de Chile. She is currently the Head of Operations at REUNA.

## SEG

### NREN: National Academic Network for Advanced Technology (RENATA), Colombia

The System Engineering Group, SEG, carries out all the activities related to the administration of servers, applications and services. Moreover, it is responsible for the security of computer systems, which implies working on incident prevention, documentation and attention. The SEG reviews the system reports provided by the NREN administrators (National Research and Education



Claudia Inostroza

Networks). As regards its functioning, the SEG reports to the direct supervision of RedCLARA's Technical Manager.

The SEG is in charge of managing all of RedCLARA's systems, applications and computer programmes (software). Its main functions are targeted in two fields: a) System operation and monitoring, and b) Risk prevention and security.

### Carlos Alberto Ramírez Guzmán

Telecommunications Engineer with experience in network structures and Network service platforms. Born in Supatá, Cundinamarca, Colombia, he's been a member of the SEG since June 2012, providing support to all of RedCLARA's platforms and services.

"The work team in the technical area has really allowed me to learn from their vast knowledge in the area of networks and systems, and also the human quality of every one of its members. In this short period of time with the whole team has been an enriching experience from all points of view, and I am grateful for the opportunity I have been given. Likewise, I hope to continue contributing

with my work for a long time. Everyday there are new and important challenges; I think the point is not how big the challenge is, but how well I can face it. However, I think the quality of the service for the end user is very important, taking into account that our commitment with the scientific community is to provide the necessary tools to contribute to their research activities".



Carlos Alberto Ramírez

### VNOC

#### NREN: National Academic Network for Advanced Technology (RENATA), Colombia

The Videoconference Network Operation Centre, VNOC, is in charge of operating the Integrated Videoconference Service, SIVIC, in RedCLARA. The aim of this service is to establish connectivity between the different Latin American advanced networks which make up RedCLARA, who regularly participate in videoconferences in favour of research, innovation and culture, requiring the operation of various systems for this purpose.

The VNOC is responsible for maintaining, configuring and operating the systems for the correct development of the events offered by the network to its members. The provision of these services requires a high degree of coordination and quality assurance, which is done with the network of contacts, procedures and the regular certification of videoconference rooms and equipment at a Latin American level. The VNOC is the key actor on Virtual Days, which are organised every month involving dozens, and sometimes hundreds of participants through H323 video and streaming.

### Natalia Ibarra Ladino

Telecommunications Engineer from the Universidad Santo Tomás –Colombia, with studies on the incorporation of Information Technologies in Organisations at the Universidad Politécnica de Valencia, Spain. She has experience in research groups at the Metropolitan University Network in Bogotá (RUMBO – Colombia), as intern in Vodafone, Spain, and she is currently with the National Academic Network for Advanced Technology (RENATA) in Colombia, where she runs the VNOC since April 13th, 2012.

"I think the main challenge faced by the VNOC is to establish greater, better and stronger





Natalia Ibarra

communication links with every technician and users from the institutions and research centres which make up the network, so that it is themselves who help us improve the services available in the VNOC. The VNOC's permanent improvement is a challenge faced everyday with the aim of fulfilling the expectations and needs of users, who in the end are the reason why our network exists and who help us make this service more competitive and complete”.

The team has grown

## Meet the RedCLARA's new members

Since the beginning of the year Latin American advanced networks have two new allies, one in the area of projects, strengthening the work done by the institution, and another one in the area of academic relations, in direct and close contact with research communities and work groups. Learn through their own voices who they are and what their expectations for this new stage are.



**Luis Ignacio Aguirregaray Pasolini**  
Project officer

Mi academic background is in the area of Systems, and I finished my studies at the Universidad de la República Oriental del Uruguay.

I started working since very young doing programming tasks, having evolved in my

professional career until in 2003 I started with project management. Since that moment on, I have tried to become more specialised in such area, and I obtained the PMP (Project Manager Professional) certification in 2007.

I have had the pleasure of managing projects in many Latin American countries, which has given me the chance to learn about different cultures and acquire an interesting experience.

I want to thank RedCLARA for having trusted in me and give me the opportunity to take this new challenge in my professional career. I am greatly motivated to take it over, and my expectation is to continue evolving, both personally and professionally, based on a permanent learning.

Most of my professional career has been developed in the area of banking and microfinance, and today in RedCLARA I will work in a different area, interacting with various actors, which will be certainly interesting.

In the first place, I have the expectation that my personal contribution turns out to be positive for the entire RedCLARA team. I understand a great part of the success of organisations depends on their people and the synergy created between people; I just want to contribute with my little grain of sand.

As regards professional aspects, I hope I can share my knowledge and experience in favour of an appropriate follow up and control of the projects put forward by RedCLARA, based on the definition of a methodology and processes in accordance with the institution's functioning.

### **Claudia Córdova** **General Communities Coordinator**

Since I was very little I was fascinated by technology; I dismantled electric appliances to see how they worked and I did programming in Logo and Basic because I wanted to build a robot. I was happy for more than eight years working in INICTEL as electronic engineer; my job consisted in doing research on networks, IPv6, programming, etc. and teaching; this is why I managed to keep up to date, travelling and doing courses wherever I could, from the USA to Japan.

In 2005 my area began to work in videoconferencing; I met the CLARA community and joined its Work Groups, which involved even further travelling. This was a rewarding experience, not only professionally, but even more so at a personal level. Furthermore, I had the chance to participate in an FP7 project, which took me to Europe for the first time ever.

In 2009, after a competition where the final interview was conducted through videoconference, I had the honour of being hired by RedCLARA as training manager. This made me go back into the classrooms due to diplomas on training and project administration and management (I have to take the PMI exam in July).

Then, at the beginning of the present year, I received the excellent news about the proposal for me to become academic community coordinator. I am now very happy working in the hectic Academic Relations Management Office, connecting people, projects and services to facilitate collaborative work in and between both regions: Latin America and Europe.

My job is now to facilitate collaborative work between Latin American and European researchers, and help in the creation of new research communities. In this I will invest all my enthusiasm, hard work, technical knowledge and new skills acquired. I do not feel I am working for a transnational or for an offshore company; the feeling I have is that my work helps friends in RedCLARA to meet their goals, to make science and technology grow in their countries, so that their inhabitants can have a better life.

I expect to put all my enthusiasm, hard work, technical knowledge and new skills acquired in order to fulfil the goals in my area and suggest new ideas which contribute to help RedCLARA to continue strengthening the development of science, education, culture and innovation in Latin America through the creative and innovative use of advanced networks.



# RedCLARA launches book on the history of the ALICE2 project

The publication spans over five years of intense work to consolidate and expand RedCLARA in Latin America, improving connectivity between Latin American and European researchers. 150 pages, five chapters, and the experiences and reflections of 34 characters, including researchers, technicians and regional and world leaders, constitute this document available online to be downloaded.

“RedCLARA: Name, voice and instrument of collaboration in Latin America ALICE2, December 2008 – January 2013” is the title of the book which compiles the five years of work of the “Latin America Interconnected with Europe” project(ALICE2).

The book’s introduction states: “As part of the @LIS programme, on November 30th, 2008, the European Commission (EC) signed an €18 million contract with RedCLARA for the implementation of the ALICE2 project. The Project’s promise was that it would give continuity to the huge achievements of its predecessor, ALICE (which

had been led by DANTE, institution run by the pan European network GÉANT), was to consolidate and expand RedCLARA in Latin America, improving connectivity between Latin American and European researchers. To provide a long-lasting and state-of-the-art infrastructure for collaborative research and education and, through them, to support Latin American development, was the golden goal and the Project accomplished it.

“December 2008 marked the beginning of ALICE2 and although its completion date was due for September 2012, the @LIS2 Programme granted an extension of the implementation period until January 2013”.

The publication, launched in February 2013, has five chapters where the reader is invited to go through the Project’s most important milestones and to learn about the views of the members of the CLARA-TEC Work Groups, representatives from Latin American National Research and Education Networks and the leaders of big networks in the region and the world about RedCLARA and regional and global collaboration.

The digital version of the book is available to be downloaded from the RedCLARA portal (Who we are > Documents > RedCLARA Publications) in Spanish, English and Portuguese. People interested in requesting printed copies can obtain them through the email [RedCLARA\\_Comunica@redclara.net](mailto:RedCLARA_Comunica@redclara.net).





Fotografía: Norma Gómez, CC-BY-2.0, <http://creativecommons.org/licenses/by/2.0>, vja Wikimedia Commons

Do you have a paper ready for TICAL2013?

# Meet the objectives and topics of the Conference

On July 8 and 9, 2013, Cartagena of Indias (Colombia) will host the Third Conference of Information and Communication Technologies Directors from higher education institutions.

Those involved in ICT management in Latin American universities are invited to submit papers, before April 15th, 2013 and preferably on the issues here described, and according to the authors guide published on the website of the Conference, through the email: [tical@redclara.net](mailto:tical@redclara.net)

- Grids
- Collaborative systems developments
- Access to Digital Libraries
- Contingency plans for disaster recovery.

## Objectives and suggested topics:

### 1. Share Collaborative Experiences

Experiences or projects where different institutions have participated generating, from collaboration, benefits for each of its members. The following topics are examples of this axis:

- Cooperative acquirement of goods and services
- Collaborative services: eduroam, etc.
- Federations

### 2. Solutions for Teaching and Research

Experiences from implemented projects or operative services that impact providing meaningful solutions for research, teaching or management in higher education institutions, such as:

- Scientific visualization
- Tools for simulation
- Tools for collaboration
- Virtual computer labs
- Solutions for project management

- Management and distribution of specialized software
- Cloud based solutions
- Solutions based on mobile devices
- Technology in the classroom
- Knowledge management: repositories, digital magazines, etc.
- Solutions based on third party services
- Multimedia.

### 3. Management Solutions

Experiences from developed projects or services in operation that are producing real impact by providing meaningful solutions for research, teaching or management in higher education institutions. Among them:

- Solutions for collaborative work
- Solutions for project management
- Cloud based solutions
- Solutions based on mobile devices
- Business Intelligence
- Support for the accreditation process
- Document management and digitalization
- Solutions based on third party services
- Solutions of added-value on infrastructure.

### 4. Management and Governance of ICT

Share projects and developed actions in higher education institutions to manage the ICT area in an efficient, effective and aligned with corporate objectives way. The following are the issues suggested:

- Structure and HR
- Policies
- Security management
- Strategy
- Project Management
- Innovation management
- Adaptability to environment

- Funding / costs
- Protection of the intellectual property and digitalized information
- ICT Knowledge Management
- Process management
- Metric.

### 5. Infrastructure

Experiences from developed projects or services in operation that have improved the informatic and/or communication infrastructure of higher education institutions, to enhance the opportunities to offer new and better services. Some suggested topics are:

- Networking
- Wireless networks
- PKI
- Videoconferencing Systems
- Storage
- Data Centers
- Outsourcing
- Clouds as infrastructure
- VOIP
- IPv6
- High Performance Computing (HPC).

### Important dates

April 15th: Paper submission

May 15th: Authors notification

July 8th and 9th: TICAL 2013 Conference - Cartagena de Indias, Colombia

### More information:

[http://tical\\_2013.redclara.net/es/index.html](http://tical_2013.redclara.net/es/index.html)



# Latin American and European countries accept proposal for submarine cable that will join both regions

Comunicaciones RNP

The establishment of a direct submarine telecommunications cable between Latin America and Europe is on the agenda on the leaders from countries in these two regions. This was shown at the 1st Summit of the Community of Latin American and Caribbean States, with the European Union, EU, (EU CELAC), held at the end of January in Chile.

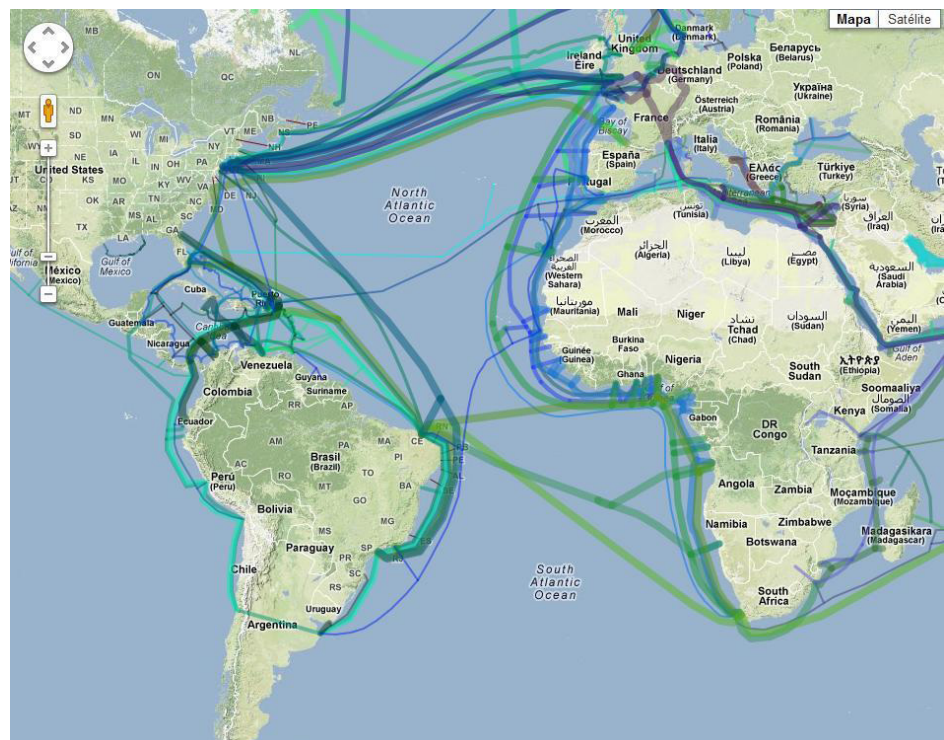
The proposal submitted to the group by Brazil is the result of a feasibility study developed by the National Network for Education and Research (RNP) – institution that operates the advanced network infrastructure for academic research in Brazil (rede Ipê) – and its counterparts in Latin America and Europe. The aim of the initiative is to increase the capacity of traffic exchange between regions, thus enabling the advancement of international collaborative research.

According to the advisor from the Administration Department of RNP, Nocolau Meisel, who attended the event, most leaders agreed on the importance of a new cable to replace the only one currently existing (see picture), whose capacity is very limited for the present demand. The new infrastructure will increase the communication capacity and will reduce costs for both the Research and Development (R+D) and Education community, as well as for commercial use.

“Modern technology makes it possible to have lower costs and greater capacity”, stated Meisel, who added that the new projects for connection between Brazil and Europe through Africa and through the USA tend to have higher costs. The project called “Europe Link with Latin America”,

ELLA, also shows that the connections currently available through the USA can be up to 20 times more expensive than those existing between the USA and Europe.

The proposal submitted by Brazil at the 1st CELAC was endorsed and it is part of the resolutions of the 1st EU-CELAC Summit, but without technical details or a deadline for implementation. It will be task of the new EU-CELAC administration, which is in office since the end of January 2013, to submit the work plan for all the initiatives proposed at the meeting, including the intercontinental cable.



Current submarine cable

With the support of RedCLARA

## CKLN launches collaborative portal

Since February 26, the Caribbean network has a collaborative space that makes use of the platform developed by RedCLARA and which provides its users with tools for event management, organisation of desktop virtual conferences, creation of collaborative documents and the transfer of heavy files. All of this has also promoted and facilitated the interaction of scientists and academics from the Caribbean with their peers in Latin America and the rest of the world.

Tania Altamirano L.



With the aim of offering C@ribNet, the network run by CKLN, the tools developed by RedCLARA for its communities and promoting the inclusion of communities between the regions, a team of engineers coordinated by RedCLARA accomplished the development of a collaborative portal for the Caribbean Knowledge and Learning Network, CKLN).

According to Carlos González, Project Engineer at RedCLARA, the portal will use the same platform and services offered by RedCLARA, but with a personalised image and design. “The system was created based on the Joomla content management system and Joomsocial for specific community management. The activities involved the updating of the platform to provide more secure and effective services and the adjustments to enable collaboration between scientists both within the CKLN network as well as within RedCLARA”, he explains.

Furthermore, providing these services in the same platform will be very important for the inclusion of research communities from Latin America and the Caribbean, since it will enable C@ribnet users to join groups in Latin America and vice versa.

Currently CKLN has an information portal, and therefore the new system will make it possible

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to expand its offer of services for C@ribnet researchers. The services that will be available are:

- Community management tools (news, photos, videos, forums, messaging)
- SIVIC – H323 videoconference and webconference booking system
- C@rib Cafe VC (based on RedCLARA's VC Espresso) – Web conference system
- Academic events and activities manager
- Heavy file transfer

All of the portal's technical activities were organised in a three month span by a team of three people, two of them in Bogotá, Colombia: Germán Wilches and David Quintero, and of them in Mérida, Venezuela, Daniela Gutiérrez, coordinated by RedCLARA's Project Engineer.

According to González, this initiative capitalises on the two years of permanent development of RedCLARA's communities portal and now that it begins to be replicated, first with C@ribnet and also with the provision of services to support communities with people in Europe and Latin America through the ELCIRA project.

“Since the system is up “in the cloud” we will be in charge of the second level support, which will be incorporated with the support with provide for RedCLARA's services, in terms of backups, availability management and server resetting”, concludes González.

# Latin America concludes first page on Open Access

Ysabel Briceño/LA Referencia

The publication summarises the progress of the regional pilot site (<http://lareferencia.redclara.net>) for access to the scientific documentation of nine countries and the national efforts to successfully complete this initiative.

## Summary

After signing the Regional Agreement for the Construction of the Federated Network of Latin American Institutional Repositories, the road leads to a more equitable scientific visibility. Alongside State Policies, other technological and organisational aspects also represent a major challenge in the construction of a favourable culture for the LA Referencia initiative.

With the idea of having a pilot site from which users can access quickly and easily to scientific information from the nine countries that originally take part in the project, the national initiatives contribute drop by drop to what could become a sea of benefits for open access to knowledge in Latin America.

## Content previews

### - Editorial: It's the beginning

Alejandro Cecatto, Secretary of Scientific Technologic Articulation of the Argentinean Ministry of Science, Technology and Productive Innovation.

“This first step taken with LA Referencia is part of a much more complex but certainly necessary discussion about the equity in access to knowledge in general and scientific knowledge in particular, with the expectation of providing increasingly closer to the ideal for the production and dissemination of the results of research in our countries”.

### - Making Science visible

Margarita Lisowska: Human cooperation in the forefront

For the technical coordinator of the LA Referencia project, the greatest expectation is to have all countries incorporated in this network that will make it possible to offer quality contents in much greater quantity. The requirement is very clear: the promotion of the creation of Institutional Repositories in countries, with national policies and the creation of country-clusters so they can join LA Referencia through the agreed standards and protocols.

Carmen Gloria Labbé:  
Consensus as the first step

The representative of RedCLARA and the strategic coordinator of LA Referencia admits that during the project's development a very favourable scenario was created, where governments began to acknowledge the importance of open access and the impact

it could have in the visibility of the region's scientific production, by becoming aware of the fact that it is an opportunity to reverse bibliometric indexes, in which Latin America has always been left behind.

#### Mauricio Bouskela: Incorporating knowledge

The IADB representative in this initiative explains that this institution, present in 26 countries across Latin America and the Caribbean, gives priority to joint work to put forward the objectives of the LA Referencia project.

#### Neelie Kroes: European consent

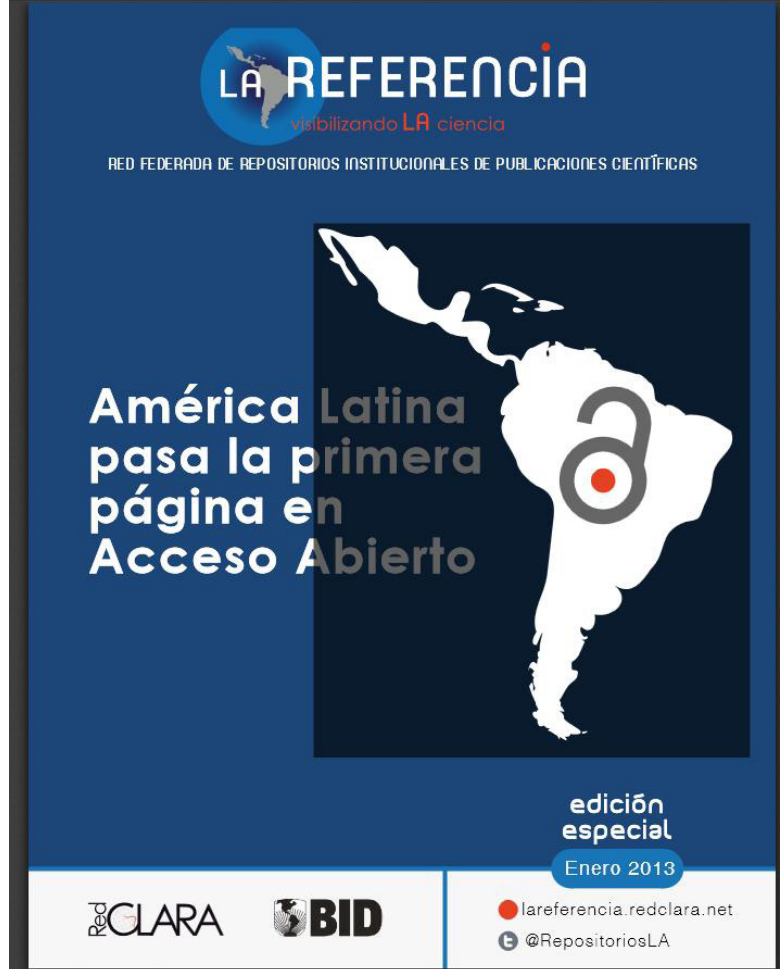
Regarding the regional agreement in Latin America, the vice-president of the European Commission has said: "you should be proud of the signature of this agreement. You are showing the benefits obtained when countries work jointly and collaboratively".

#### - The countries drop by drop:

- Chile: ensuring quality
- Argentina: along a good road
- Ecuador: a joint commitment
- Brazil: developing the picture of scientific production
- Peru: a Draft Bill which furthers the road
- Venezuela: finding opportunities for all universities
- El Salvador: joining the national effort
- Mexico: feeding various initiatives
- Colombia: articulating initiatives

#### - Constructing the regional pilot experience

National networks or clusters will be in charge of selecting the repositories that will be part of it in each country, ensuring they comply with the agreed protocol. By incorporating the resources obtained by the national repositories, other centralised



services such as LA Referencia, Universia, WorldCat, BASE, among others, will be able to extract information freely and in a well-ordered way.

The LA Referencia project aims at an agreed strategy and a framework of agreements on the interoperability and management of information for the construction and maintenance of a Federated Network of Institutional Repositories of Scientific Publications in Latin American member countries.

#### Download the publication in the following link:

<http://lareferencia.redclara.net/rfr/sites/default/files/edicion-especial-referencia.pdf>

# i+CLARA: The space of innovation in Latin America

With a modern interface and a clear and friendly design, this initiative of RedCLARA gathers documents, links, news and announcements related to research and development, the university/company relationship, technology transfer, intellectual property, R&D networks and technology parks. It also fosters the creation of communities and provides them with an integral and collaborative space. Welcome all.

Tania Altamirano L.

From February 25<sup>th</sup>, 2013 i+CLARA is online, the new proposal of RedCLARA (Latin American Cooperation of Advanced Networks) which aims to support the innovation processes in Latin America, especially in the university-company connection, and to disseminate knowledge related to technology management in all its aspects.

The site has a friendly informative architecture that allows the user to easily navigate the content and to access from the home page to news, ads, interviews, documents and links. Besides it has a central area divided into three parts: the left side shows the work of i+CLARA, the central area, includes highlighted content, and the right menu contains current and novel information.

One of the main aspects of i+CLARA is that it fosters the creation of innovation communities, which through RedCLARA portal can not only enjoy a private environment for the development of their activities, but also it provides online collaboration tools such as desktop videoconferencing (VC Espresso), large files system transfer, wiki creator, publisher for photographs and videos, event manager (Indico), documentation manager (DSpace), alerts of financing funds and events, partner search, among others.

TICAL is the first community of innovation in RedCLARA.

The screenshot displays the i+CLARA website interface. At the top, there is a navigation menu with the following items: INICIO, ¿QUÉ HACEMOS?, NOTICIAS, ENTREVISTAS, DOCUMENTACIÓN, COMUNIDADES, and ENLACES DE INTERÉS. The main content area is divided into several sections:

- RedCLARA y la Innovación:** A section describing the platform's mission to promote university-business collaboration. It includes a graphic of lightbulbs representing innovation, development, collaboration, university, and company, with a central pink lightbulb labeled 'ideas'.
- Actualidad:** A news section with two articles. The first is titled 'Informe de ecosistemas para las start-ups 2012' and the second is 'Universidad de Antioquia firma alianza con empresa'. Both articles include a date of 2013-03-05.
- La voz de los expertos:** A section featuring an interview with Jorge Yutronic, an expert in innovation and university management. It includes a small photo of him and a quote: "Si un país no innova, no puede dar satisfacción a las expectativas y necesidades de su pueblo".
- ¿Es Director(a) TIC de una universidad latinoamericana? ¡Conozca TICAL!**: A call to action for university TIC directors to join the TICAL community.
- Lea:** A section with a link to an article titled 'El BID lanzó "Los parques científicos y tecnológicos en América Latina: Un análisis de la situación actual"'. It mentions the author is Andrés Rodríguez-Pose and the article was published in July 2012.
- ¡Participle!**: A section encouraging users to submit proposals for the TICAL 2013 conference, which will be held in Cartagena de Indias, Colombia, in July 2013.
- ¡Colabore!**: A section asking if users know of any successful university-business collaborations and inviting them to share the information via email at [innovacion@redclara.net](mailto:innovacion@redclara.net).

At the bottom of the page, there are social media icons for Twitter and LinkedIn, and a footer with the number 20 and a small logo.

Visit the i+CLARA Website:

<http://innovacion.redclara.net/>

# Agenda 2013

## APRIL

**3-5 | Fourth Ministerial Conference on the Information Society in Latin America and the Caribbean - Results of the @LIS2 Programme**

Montevideo, Uruguay

<http://www.cepal.org/elac2015/>

**3-5 | Target Conference**

Groningen, Netherlands

<http://www.targetconference.eu/>

**8-12 | EGI Community Forum 2013**

Manchester, United Kingdom

<http://cf2013.egi.eu/>

**15-17 | CUDI Spring Meeting 2013**

Querétaro, Mexico

[http://www.cudi.edu.mx/primavera\\_2013/](http://www.cudi.edu.mx/primavera_2013/)

**15-16 | 5<sup>th</sup> PRACE Executive Industrial Seminar**

Stuttgart, Germany

<http://www.prace-project.eu/PRACE-Industrial-Seminar-2013?lang=en>

**16-18 | GlobusWORLD 2013**

Chicago, United States

<http://www.globusworld.org/>

**21-24 | Internet2 Annual Meeting**

Arlington, Virginia, United States

<http://events.internet2.edu/2013/spring-mm/>

**22 -24 | 6<sup>th</sup> European Altair Technology Conference**

Turin, Italy

<http://www.altairhtc.com/RegionalHome.aspx?region=europe&AspxAutoDetectCookieSupport=1>

## MAY

**17-18 | ACORN- REDECOM 2013 Conference**

Mexico City, Mexico

<http://www.acorn-redecom.org/>

**27 - 01 June | Cloud Computing 2013 - Fourth International Conference on Cloud Computing, GRIDs, and Virtualization**

Valencia, Spain

<http://www.iaria.org/conferences2013/CLOUDCOMPUTING13.html>

## JUNE

**3-6 | TERENA Networking Conference 2013**

Maastricht, Netherlands

<https://tnc2013.terena.org/>

**05-07 | ICCS 2013 - International Conference on Computational Science**

Barcelona, Spain

<http://www.iccs-meeting.org/iccs2013/>

**17 - 21 | HPDC'13 - 22<sup>nd</sup> International ACM Symposium on High-Performance Parallel and Distributed Computing**

New York, United States

<http://www.hpdc.org/2013/>





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