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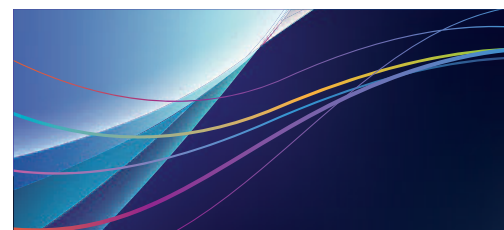
TICAL2011:
Directors of Technology is
developing a different system



InfoDays 2011:
Cooperation opportunities for
Latin America



Learn about the new
RedCLARA tools!





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Press Contact:
María José López Pourailly
PR & Communications Manager - CLARA
maria-jose.lopez@redclara.net
(+56) 2 584 86 18, extension 504
Avenida del Parque 4680-A
Edificio Europa, oficina 505
Ciudad Empresarial
Huechuraba
Santiago
CHILE

«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».

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Editorial

Words by Mr José Luis Martínez Prada
Chargé d’Affaires a.i.
European Union Delegation June 19th, 2011,
opening of TICAL2011
Panama City
Panama

Good morning ladies and gentlemen,

As a representative of the European Union in Panama, I see this activity with great interest and enthusiasm. Bringing participants from Latin America and Europe to talk about the present and the future of a binomial like education and information and communication technologies (ICT) is a highly valuable opportunity.

And there couldn't be a better scenario for this event than the City of Knowledge, the perfect setting for a meeting of specialists like the ones we saw this morning, who are here to talk about a pivotal issue for the growth and strengthening of democracy as a system of life, and where the European Union's awareness of its duty as change agents led to the decision of turning information technologies research into a constant feature and an endless task.

The work to be done during this meeting will undoubtedly represent a major boost for the work that has been done by both Latin American and European universities within the context of the Latin American Network of Information and Communication Technologies Directors.

The space that is opened up today is ideal for you to learn about and share your experiences, concerns and interests.

Without a doubt, this type of activities is highly appreciated by the European Union; it is one more evidence of how effective and necessary joint cooperation is. Thus, the European Union, apart from promoting bilateral cooperation, created a scheme which allows social actors outside the governmental sphere to access cooperation funds.

And from that point of view the European Commission approved in 2008 the budget for the @LIS2 programme, with the aim of continue strengthening the development of Information Society in Latin America and Europe.

This decision was made under the firm conviction that such investment would turn into a useful and model tool in the field of ICT and the education of our societies.

Today, upon looking back we acknowledge universities as fundamental actors in this initiative, who not only have managed to capitalise on the resources and opportunities provided by the programme, but have also proactively enriched the concept itself.

Going back to @LIS2 I can say, fully convinced, that the €31,25 million budget, of which €22 million are funded by the European Commission, has been fundamental to promote interconnections between research networks in Latin America and Europe.



It is in this context that RedCLARA (Latin American Cooperation of Advanced Networks) puts forward this First conference of Information and Communication Technologies Directors from Higher Education Institutions.

I want to thank all the colleagues and collaborators for their commitment and dedication to strengthen links between Latin America and Europe.

This kind of activities shows the interest of Europe and Latin America to use cooperation as a tool to improve the economic, social and cultural context of peoples through education and information technologies.

I am certain that this time shared with colleagues will be an input which enables you to enhance and maximise the opportunities we have in the field of ICT and education.

Many thanks.

TICAL2011:

Directors of Technology is developing a different system

ICT management in the informatics departments in the universities across the region faces new challenges. Due to this, the directors of these departments created a collaboration network and got together, for the first time, in Panama, at the TICAL2011 international conference. The activity was organized with the support of RedCLARA and featured speakers as renowned as Bill St. Arnaud, Víctor Castelo and Juan Sánchez.

Ixchel Pérez



of advanced networks to face these challenges was addressed.

The conference was organised by RedCLARA, which has also promoted the network's creation, together with the Inter-American Development Bank.

Information and Communication Technologies (ICT) management is increasingly important in universities, since they face new demands from teachers and students.

“The traditional education we have now was created for the industrial era; but we are no longer in that era, but in the era of information. In the past there used to be classrooms and a student's mark depended on the time spent in the classroom: you finished one year and then continued on to the following one. Now networks are used and people are measured by competencies”, explained Luis Furlán, President of RedCLARA. “We are facing hyper-connected students, new content providers such as repositories, and connected researchers”, he added.

The Network of Information and Communication Technologies Directors from Latin American Universities (TICAL) is already a reality which is strongly consolidating itself and becomes a major force to improve technological management within higher education entities and increase the impact of these on their respective countries.

In June, the network organised its first international conference, TICAL2011, at the City of Knowledge, Panama. The meeting was attended by nearly 70 directors of technology across the entire region and over 100 delegates in total, who focused on discussing the most important aspects of management, common challenges and the future of ICT departments in Latin America's higher education institutions. Likewise, the importance

Education and science can no longer be understood independently from ICT, hence the importance of a conference of this scale. “This event contributes significantly to the improvement of ICT management in our universities”, said Máximo Escobar, Executive Director of RedCYT, Panama's national research and education network.

Collaboration is crucial

One of the most important objectives of this event was to promote the collaborative work between the ICT directors, making use of the advanced Internet e-Infrastructure provided in the region by RedCLARA.

RedCLARA's Executive Director, Florencio Utreras, emphasised the advantages of advanced internet and the benefits that have been brought into the region by the Latin America Interconnected with Europe (ALICE) project, which is now in its second phase (ALICE2). He made it clear, however, that collaboration is the core issue, since without it the advanced networks infrastructure neither has the impact nor produces the levels of service and access required by our communities.

"We need researchers to make use of the network and to be connected between themselves", Utreras pointed out. Likewise, he stressed that the technology directors who are part of TICAL can encourage other universities in the region to join the effort. "ALICE2 represents an opportunity and a key infrastructure for collaborative work and we want to invite you to work together and turn this into a tool for you to develop further services and, through them, your institutions have a greater impact", he added.

TICAL2011 precisely enabled the creation of collaboration teams in themes like advanced computing, ICT governance in universities and services.

The event also addressed a series of topics, through renowned speakers like Bill St Arnaud, consultant in green technologies and one of the most renowned Canadian experts, who addressed the issue of how the NRENs can lead a change in the universities' energy consumption; Víctor Castelo, expert in research networks from the CSIC's Informatics Adjunct General Secretariat, who emphasised the importance of advanced networks for the development of scientific and innovation projects; and Juan Sánchez, vice-president of Research at Texas University, who

spoke about the R+D (research and development) challenges for the Latin American region, as well as the role of academia and the private enterprise in this issue.

"TICAL2011 has been an excellent space for interaction and exchange, where enlightening experiences for the region have been presented and where we had the opportunity to engage the participation of three top-level speakers", highlighted Carmen Gloria Labbé, Innovation and Development Manager at RedCLARA.



University and Panamanian academic network authorities met the executive representatives of RedCLARA.

Dr Félix Mosquera Rodríguez, deputy director of Teaching and Research at the University of Panama's 24th of December Regional Teaching Hospital, who attended the event, pointed out that he was impressed by TICAL2011's high level: "You have brought together a very important critical mass; they bring their experiences and we think this is very important because we are working on some projects where we are aiming to create digital networks in the area of healthcare, and an event like this is the right opportunity to get involved in this wonderful project called RedCLARA".

Panama, the advanced academic network stays with you

The land of molas and the Panama hat, of the canal that allows the transit of big freight ships from one side of the continent to the other, firmly captured the attention of Latin American academic networks and RedCLARA over the last three months. TICAL2011 in June and the meetings held in August between high university authorities and RedCLARA's Academic Relations Manager, Luis Núñez are part of this, of the struggle to firmly incorporate Panama into the scene of Advanced Internet and of the region's scientific, technological and academic development. But, what are the processes which REDCYT, the Panamanian academic network, is going through within this context? We talked about this with Máximo Escobar, its Director, and with Luis Núñez in the following interviews.

María José López Pourailly

Máximo Escobar, REDCYT's Executive Director:

"We expect greater assistance in the formulation and development of regional projects"



Máximo Escobar, Director Ejecutivo REDCYT.

In 2004 REDCYT was constituted by the University of Panama, the Santa María la Antigua University, the Latin American University for Science and Technology, the Inter-American University, the Ministry of Agricultural Development and SENACYT. Additionally, the expectations were to connect REDCYT's member universities, Panama's Tecnológica and the Ministry of Health. Six years later, how is the REDCYT membership constituted?

Currently, three of REDCYT's founding institutions are still active in the Directing Board, and were joined by Panama's Technological University in 2006. The healthcare sector is one of the most important for the national network; this is why we have developed a series of joint activities with the major health institutions, like the Social Security Fund and the Ministry of Health (Santo Tomás Hospital, Child's Hospital and 24th of December Regional Teaching Hospital). One of the aims in the short term is to incorporate the 24th of December Regional Teaching Hospital into REDCYT.

One of REDCYT's initial objectives was to increase Panama's leadership in the field of research and higher education. How would you evaluate the work developed by REDCYT to

accomplish this objective? Have you somehow got closer to its accomplishment?

REDCYT was created as an organisation in 2002, through an initiative by the National Secretariat for Science, Technology and Innovation (SENACYT), as part of the National Strategic Plan for Science and Technology, which regarded ICT development as fundamental. This initiative could not be materialised without the participation of the two major universities in the country: the University of Panama and Panama's Technological University, which have the largest teaching and researchers' staff.

Increasing Panama's leadership in the field of research and higher education is a common objective of the State, of official universities and of REDCYT. This is why we have joined efforts, like the New Generation Internet calls promoted by SENACYT. There are calls launched annually in different areas for the development of research projects and to build research capacities.

We have moved forward towards the goal we set, there are more people doing research. However, we still have a lot of work to be done.

On the 9th of September 2005 Panama's connection to RedCLARA was established; almost after exact six years of this landmark, what does REDCYT expect from RedCLARA?

REDCYT expects RedCLARA to continue providing a communication infrastructure which adapts itself to traffic demands. From the administrative point of view, we expect a greater assistance in the formulation and development of regional projects.

What are your future plans in terms of connection and membership?

In terms of connection, we expect to establish a topology which facilitates the incorporation of new members. As for membership, we are analysing proposals which establish models that allow the incorporation of new members,

according to usage and economic possibilities.

What can REDCYT offer today to RedCLARA in terms of experience, relationship with research and technology communities?

REDCYT, through its member institutions has a pool of teachers and researchers who actively participate in national and international projects in topics as diverse as risk and disaster management in the Central American region, basin studies and early alert systems, among others.

At present, which research communities and projects are benefitting from their connection to REDCYT and from REDCYT's connection to RedCLARA?

The most benefitted communities with the link to REDCYT-RedCLARA are ICT, Natural Sciences and Health.

From the point of view of REDCYT, how do you evaluate the fact that RedCLARA chose Panama to host of the first meeting of the TICAL Conference?

It was on March 22nd, 2011, at the meeting held at the rector's office of the University of Panama, when Dr Gustavo García de Paredes, president of REDCYT, was officially notified about the intention of organising in Panama the First Conference of Information and Communication Technologies Directors from Latin American Higher Education Institutions. From that moment on, REDCYT's presidency and later on its Board of Directors welcomed the proposal of having Panama as the host of first TICAL conference, which would be held in June. In short, we analysed RedCLARA's choice of Panama for this important event as very positive and appropriate.

Do you think such choice of venue brought any benefits to REDCYT?

Panama's designation as the host of the first TICAL conference brought benefits to REDCYT in many senses; on the one hand it allowed the institutions that are part of the national network

to get incorporated into the programme of conferences through scholarships awarded by RedCLARA and, at the same time, get incorporated into the Network of Latin America's ICT Directors, thus initiating an exchange of experiences both in academic and research terms. On the other hand, it enabled university authorities to resume their commitment to RedCLARA during the meeting held at the University of Panama's rector's office. Additionally, we took the opportunity to give a closer view of RedCLARA as an organisation to the representatives from Panama's Network of Teaching Hospitals and other organisations which have shown continued interest in becoming part of REDCYT and join regional initiatives through RedCLARA.

Luis Núñez, RedCLARA's Academic Relations Manager::

Virtual collaboration, the new reality

On August 10 and 11, Luis Núñez participated in the Workshop Seminar of Hospital Network for Education and Research of Panama. The event was organised by the authorities of the Santo Tomás Hospital, the Child's Hospital, the Social Security Fund, the World Health Organisation (WHO) and the Pan American Health Organisation (PAHO). The activity's objective was to train doctors and nurses in the use of the collaboration environment of the PAHO's Public Health Virtual Campus Cluster, for the Strengthening of Digital Healthcare Projects in the Republic of Panama.

Were your expectations met in relation to your participation in the Workshop?

They were met in the sense that it succeeded in enthusing Panama's healthcare sector to become part of virtual collaboration communities and thus begin to conceive projects with other countries in Central America.

What is the view of the authorities with whom you came across about the Panamanian academic network and its connection to RedCLARA?

The perception was positive, although many of them didn't know about RedCLARA's existence. This happens very often when I visit countries in our region and I talk to researchers. Maybe the agencies to promote Science and Technology know about the work done by RedCLARA, but the researchers, the drive for innovation in our region, do not know much about it.

In Panama I had the opportunity to talk to Dr Betty Ann Rowe de Catsambanis, vice-chancellor of Research at the University of Panama, and Dr Félix Mosquera, Director of Research and Postgraduate Studies at the 24th of December Regional Teaching Hospital. With them we talked about the important role that Panama's Academic Network can play in the Central American region. My intervention at the University of Panama's Academic Council went along the same lines. On that occasion I talked to the institution's deans about the importance of internationalising university research activities, the role of virtual research communities and how RedCLARA is supporting these initiatives. With Dr José Jardines from the WHO/PAHO we talked about the trends of virtual education and their transit towards this activity's ubiquity. We talked about how the WHO and the PAHO are promoting this activity and how we can join efforts to grow and strengthen virtual research communities in the area of healthcare. Finally, in the interview with Dr Eduardo Lucas Mora, General Director of the Republic of Panama's Ministry of Health, we exchanged opinions regarding the role that Panama can play in the promotion of e-Health in Latin America. Dr Lucas Mora appeared to be very receptive regarding the participation of this Ministry in actions aimed at supporting RedCLARA in the promotion of e-Health across the region.

What do you think were the most important moments of the meetings you had in Panama?

I think there were achievements at two levels. At a managerial level, we raised awareness about the role we must play in the region, promoting

research and collaboration projects which cut across our countries' boundaries. Health does not respect boundaries and pathologies must be addressed regionally. At the level of researchers it was interesting to share with them this new reality of virtual collaboration, the collaboration tools that today facilitate our work and allow us to be almost everywhere. For the professionals in the health sector it is very important to share experiences with their peers, exchange opinions and diagnoses with experts and that is enormously facilitated through virtual collaboration environments.

What were the results of these meetings?

Mainly I expect the best results to be related to the consolidation of Panama's Academic Network and that they lead to its continental participation. That is where my main efforts were aimed at.

Do you believe the organisation of TICAL2011 in Panama had a significant impact on the country regarding its view of RedCLARA?

Definitely YES, with capital letters. At the TICAL2011 Conference Panama's community ascertained RedCLARA's level and professionalism and the importance of advanced Technology Networks in the work of the Academia. With Dr Rowe de Catsambanis we are organising a meeting with Vice-Chancellors of Research from Latin America's Universities which replicates TICAL but with the people in charge of research and postgraduate studies. I believe this would be a major achievement that would aim at creating an academic collaboration space in Latin America.



From left to right: Félix Mosquera, Luis Núñez, José Jardines and students.

InfoDays 2011:

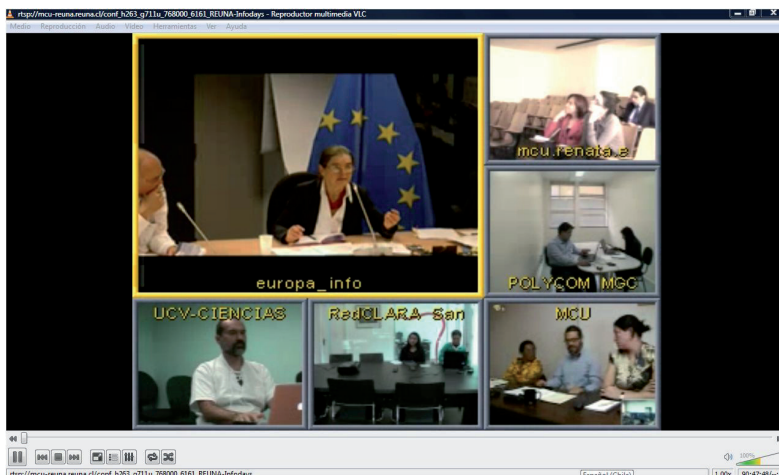
Cooperation opportunities for Latin America

Information and Communication Technologies, Environment, Health and Transport were part of the topics addressed during the two days of the event which opened the second half of 2011. The videos and presentations of each session are already available to be consulted online.

Tania Altamirano L.



InfoDay 1



InfoDay 2

With the aim of introducing the collaboration opportunities included in the 2011 Work Programmes (WP 2011) of the European Commission's Seventh Framework Programme (FP7) through joint EU-LAC (European Union – Latin America and the Caribbean) initiatives for research and innovation, the information days InfoDays 2011 were held on July 20th and 25th.

The meetings, which featured speakers in Brussels and delegates in Argentina, Costa Rica, Chile, Colombia, El Salvador, Ecuador, Guatemala, Mexico, Peru, Uruguay and Venezuela, were carried out via videoconference thanks to the collaboration of the national networks connected to RedCLARA, especially REUNA (Chile), RENATA (Colombia), RedCONARE (Costa Rica), in terms of MCU capacities and coordination, and CUDI (Mexico), RAAP (Peru), REUNA (Chile) and RENATA (Colombia), in terms of transmission via Advanced Internet. Thanks to this effort nearly 250 face-to-face and 130 virtual participants were part of the event's audience.

The programme

The first InfoDay included the presentation about the cooperation opportunities for the Work Programme 2012 on "Information and Communication Technologies" by Leonardo Flores, "Agriculture, Fishing and Biotechnologies", developed by Dietlind Jering, and "Environment", addressed by Nick Christoforides.

Furthermore, there was a summary of the collaboration activities of the Joint Research Centres with Latin American countries.

The July 25th InfoDay featured presentations related to the cooperation opportunities for the Work Programme 2012 on “Health”, by Manuel Romaris, “People Programme”, by Audri Arfi, “Transport, including aeronautics”, developed by Frederic Sgarbi and Pablo Perez Illana, and “Social sciences and humanities and Science in Society”, presented by Perla Srour-Gaudon.

The videos of the meetings are available, thanks to the courtesy of the national academic networks of Chile (REUNA) and Mexico (CUDI), in the following links:

InfoDay 1:

REUNA: <http://www.reuna.cl/index.php/es/prensa/videos?task=videodirectlink&id=48>

CUDI http://www.cudi.edu.mx/videos/11_07_20_infodays.wmv

InfoDay 2:

REUNA: <http://www.reuna.cl/index.php/es/prensa/videos?task=videodirectlink&id=49>

CUDI: http://www.cudi.edu.mx/videos/11_07_25_infodays.wmv

Furthermore, you can check the speakers' presentations (in PDF format) at: http://www.redclara.net/index.php?option=com_content&view=article&id=813%3Ainfodays-2011-oportunidades-de-cooperacion-para-america-latina&catid=5%3Aimportantes&Itemid=353&lang=es



CUDI - México



InnovaRed - Argentina



RAICES – El Salvador

Desde el buzón

"We thank the timely information to participate via streaming in the 'InfoDays' 2011. We had a few interruptions; the moments when we didn't have access will be compensated with the download and subsequent reading of the six files available, corresponding to the presentations given by the participants".

Alexandra Ríos Duque,
Coordinator of research, Santo Tomás
University, Medellín Campus, Colombia

"Thanks to everybody for sharing this experience. Latin America must be more united and consolidate alliances between ourselves in order to move forward hand in hand with the European Commission, which gives us this great opportunity through the different FP7 calls".

Francisco Javier Roldán Velásquez,
Founder and President of the País del
Conocimiento (Country of Knowledge)
Foundation, Bogotá D.E., Colombia

"I regarded the information as very interesting and I think it would be very positive to receive this kind of data periodically".

Danilo Ventura,
Professor of the Food Technology School,
Engineering-Specialised School, ITCA, San
Salvador, El Salvador

"The InfoDays are a highly valuable resource to help the researchers who participated in the videoconferences to understand collaboration opportunities and the access to resources which can be had in Latin America to work with the European Union".

Armando Estañol (ULSA),
Coordinator of the Students Media
Community, CUDI, México



RedCLARA - Chile



RedCONARE – Costa Rica



REUNA - Chile

SEPLAN's Deputy Director of Science and Research:

“RedCLARA is a window of opportunities for Honduras”

In terms of inclusion, RedCLARA, through the ALICE2 project, has deployed enormous efforts to incorporate into its backbone those countries in Latin America which still cannot get connected to the world through the Advanced Internet network. Honduras is one of such countries, and it is within it that a deep movement –from the government and with the participation of higher education institutions– is being incubated to establish the first national academic network. The action is led by the Deputy Directorate of Science and Research of the Directorate for Competitiveness and Innovation belonging to the External Planning and Cooperation Technical Secretariat, SEPLAN, and we talked about this with Engineer Ivette Castillo de Colindres, its deputy director.



María José López Pourailly

The Directorate of Competitiveness and Innovation at the Science and Research Deputy Directorate has led the conversations with RedCLARA over the last year in order to evaluate the possible (and longed for) connection of Honduras to advanced academic networks through RedCLARA. From your point of view, why is it important that Honduras gets connected to the Latin American advanced network?

There are currently no doubts about the importance of investing on research, science and technology as one of the strategies to support the social and economic development of countries. We are increasingly aware of the correlation between this type of investments and the advances in terms of development. However, the concrete achievements are neither sufficient to reach the desired level of development nor to overcome the breach that separates us from the more advanced countries.

In Honduras, despite economic difficulties there have been efforts not only to increase

the allocation of resources, but also to take advantage of both the human resources and physical capacities already available, focusing them in just one direction.

To this end we have created the CONSORTIUM of Universities, where all the country's universities (20 in total) participate. Together with SEPLAN, they aim to boost the creation and training, as well as the use and development of scientific and technological tools.

Within the context of the objectives established, the importance of becoming part of RedCLARA is evident, as it links over 1,000 universities across the region, provides connection to other supranational networks and to top-level scientific information. This will enable an extensive cooperation for the promotion of scientific and technological development at a national and international level, so that universities and research centres in the country establish links with the scientific community via communications through the same channel, and develop R+D+I

processes, thus improving the quality and contents of the higher education level.

What are the steps that the Deputy Directorate of Science and Innovation is taking to accomplish such connection?

The process was initiated in January this year with a presentation to the Consortium by SEPLAN about the Network in general. Then, in February we were visited in Honduras by Dr Luis Furlán, Director of the RAGIE Network in Guatemala and President of RedCLARA, Rafael Ibarra, Director of the RAICES Network in El Salvador and Claudia Córdova, head of training and other RedCLARA activities. They had a first contact with the highest authorities from the universities and their Vice-Chancellors of Directors of Research, in order to study in depth technical, scientific and general aspects related to the future incorporation of the country into this Network.

Subsequently, with the aim of giving greater importance and dissemination to the work done by the Network, we carried out in June in the city of Tegucigalpa the 1st Half-Yearly ALICE2 Meeting and the Technical Course on Transition to IPv6 Mechanisms, organised by RedCLARA, with the support of SEPLAN and the José Cecilio del Valle University.

Since that date, there have been two more meetings, where proposals by juridical bodies have been submitted. These could give birth to the National Network and the interest shown by universities is great.

How do Honduran universities evaluate the possible connection to RedCLARA?

Universities regard it as a very significant contribution; the physical installation and the implementation of functions do not represent a major challenge. Its financial sustainability does represent a major challenge, though.

According to the indexes reported by Index Mundi, Honduras (see: <http://www.indexmundi.com/es/honduras/>) has a population of just over

eight million inhabitants, has a literacy rate (people over 15 who can read and write) of 80% (thus ranked in the 143rd position at a world level and only above Nicaragua and Guatemala in Latin America), a GDP of 33.63b (which places the country in the world's 103rd position, barely above Paraguay and Nicaragua), and, up to March 2011 (according to a 2009 report) has a total of 731.700 internet users. Given this scenario, what are the reasons that lead the Honduran government to focus human and economic resources, through your Deputy Directorate, in order to accomplish the implementation of a national academic network and through this the connection to RedCLARA?

In 2010 with a new approach for economic, social and political development, based on a well-planned process; the Decree N° 286-2009 establishes the "Law for the Establishment of a Country Vision and the Adoption of a Nation Plan for Honduras", and creates the Technical Secretariat for External Planning and Cooperation (SEPLAN). The role of SEPLAN emphasises the actions and initiatives in the organisation and funding of research projects and the strengthening of national competitiveness, through the regional competitiveness committees organised in each region, through a multidisciplinary approach that is capable of generating greater cooperation with the entrepreneurial sector, where the State is seen as a facilitator to favour the identification of strategic priorities for national development, collaboration in innovation networks, investment on R+D+I, training of human resources, and the public-private interaction. Since RedCLARA is a window of opportunities that, as already said, establishes links with the scientific community, communicated through the same channel, developing R+D+I processes, and thus improving the quality and contents of the higher education level, it is a reliable tool for development.

What is the timescale you are considering for the creation of the national Honduran academic network and what are the steps you are following

to accomplish the initial objective of generating such network and establish the physical infrastructure of advanced internet?

At the moment the CONSORTIUM is analysing a series of juridical levels which could serve as the basis for the conformation of the National Network. Once the universities make a final decision and undertake the commitment to participate in the Network, SEPLAN will support the elaboration of the document that seals the Network's creation. The documentation was handed in on August 3rd of the present year. We have already received feedback from some universities, and therefore we expect to draw up a summary with all observations over the next few weeks.

Do you think the organisation of the half-yearly RedCLARA and ALICE2 meeting in Tegucigalpa somehow contributed to the objective of creating the Honduran network?

It did not contribute to the creation of the Honduran network, but it did contribute to making more visible the importance of participating in it and the benefits that universities can obtain from their incorporation. It gave visibility to the network not only for universities, but also for the population in general.

Focusing fully on Honduras's connection to RedCLARA, when would you expect this to become a reality and what do you think Honduras can contribute to RedCLARA and vice versa?

I would expect it to become a reality this year, and among the contributions that Honduras could bring into the Network I could mention the capacities and the work done by some Research Institutions in the country, and which would be shared with the scientific community. An example is the Honduran Foundation for Agricultural Research (FHIA – See: News about the FHIA March 2007 No. 10), an entity which does research in the agricultural field and has obtained significant achievements in the genetic

improvement of bananas, producing hybrids (FHIA-17, FHIA-21, FHIA-23, among others) which are being used in more than 50 countries around the world, since they represent an excellent food alternative due to their high productive potential and low production cost. Another example is Honduras's National Autonomous University, whose School of Medicine has a Postgraduate in Neurology, which is a Pilot Programme at a global level and is the postgraduate with the greatest scientific production in Central America, with publications featured in globally renowned journals, such as Nature, Lancet Neurology, Brain, Epilepsia, etc. It has also developed educational guides approved at an international level for global use (See: Article in the Journal of Neurological Science 15/02/2007; volume 253 #1-2: pages 7-17). The other example is the Central American Astronomic Observatory at Suyapa, where research is conducted in the areas of astronomy, astrophysics, remote perception and archaeoastronomy, with applications in issues related to Land Use Planning, Management and Prevention of Natural Disasters. Other examples are the Regional Centre of the Atlantic Coast (CURLA) in the area of agriculture, the National School of Forestry Science (ESNACIFOR) in the area of forestry, the Pan-American Agricultural School (EAP), which aim its research towards entrepreneurial projection in agricultural issues and has managed to create improved species of seeds that are resistant to local plagues.

RedCLARA's contribution to Honduras will lie in its contribution to the development and improvement of the country's competitiveness, providing a tool which makes it possible to add and generate value, develop, disseminate and incorporate knowledge resulting from R+D+I activities of the different networks around the world.

RedCONARE's good spell

With the communications enhancement received this year, Costa Rica's National Research and Education Network has managed to make visible its presence in the country. It is still at an early stage, but it has got different sectors to learn about and get involved with the network's work.

Laura Casasa N.



Since February 2011, RedCONARE's Executive Director, Dr Álvaro de la Ossa, and the Communications Coordinator, M.L. Laura Casasa, have done a vigorous work in public relations: meetings with university and government representatives who have enabled the network to be known and who have got the people linked to it in different ways to start thinking about how to use it or what they can do to get their researchers to so. RedCONARE has enjoyed a valuable space at RedCyTEC (the network of Science and Technology Disseminators), which has enabled it to take part in this network's work, and in two meetings some collaboration areas were established.

Communications

The communications plan for this year has three main objectives for RedCONARE. The first is to promote users' knowledge about the nature and characteristics of advanced networks, where the idea is to organise training sessions about the network in universities; the first of these sessions is scheduled for October, at the National University. RedCONARE's end users are diverse and probably they pursue different aims in the network, this is why we are planning to have a general training session where we will talk about the network and its services, also featuring success stories. The idea is to engage in the training sessions researchers who already make use of the network and can tell about their experience.

The training sessions will be aimed at different professional groups (social science, education and letters, engineering and basic science) and there will be a specific session for authorities and decision makers.

In order to reach their goal, RedCONARE's leaders regard as fundamental the dissemination of the concept of advanced network, which is unknown to many people, even from the academic world. We have asked researchers who are already linked to the network to write a paper to be published in the main university newspapers.

In order to reach the second objective, namely giving visibility to RedCONARE within the country's scientific sphere, its executives have decided to be present in the lives of its end users, through the regular dissemination of a bulletin, the use of social network platforms (their Facebook

and Twitter accounts are already active) and the application of other dissemination strategies such as the development of visual presentations and printed material. Keeping the regular meetings with authorities and researchers alive is also part of the plan.

The last objective, to promote the use of RedCLARA as a platform for the strengthening of knowledge communities, a goal that is associated with the promotion of RedCLARA's services, especially in relation to collaborative work (the creation of communities, the search for partners and videoconferencing).

Supercomputing Camp and InfoDays

The SC-Camp 2011 summer school was held from July 10th to 16th and was aimed at students in their final year at university and those doing their masters, in all areas of engineering and science, with a focus on high performance and distributed computing. The event was held in Turrialba, Costa Rica, at the Atlantic campus of the University of Costa Rica and its programme of practical sessions and conferences addressed issues like parallel programming, multiprocessors, distributed systems, cluster computing, grid computing, cloud computing, volunteer computing, hybrids and GPU programming, resources, usage and programming management, virtualisation, failure tolerance and green computing.

In the same month, RedCONARE offered access to videoconferencing to the community of Costa Rican researchers with the InfoDays 2011. Once its videoconference room had been set up, RedCONARE was visited by different researchers from the country's universities to participate in the activities aimed at informing about the opportunities available through the European Commission's Seventh Framework Programme. The activity was successfully and fluently conducted.

The challenges

Today, one of the main challenges for RedCONARE is to help universities to solve some internal problems, for instance, to define the scopes of action of the different entities related to the network so as to establish the necessary infrastructure to allow end users access to it. We say this after seeing that there are difficulties within universities to reach agreements and facilitate spaces to use the network.

The Costa Rican network also intends to facilitate the authorities' understanding of the use of the network and the great benefits it involves for the creation of knowledge. Since despite the efforts above the universities that are part of the project still do not perceive clearly what they can get out of it, RedCONARE's communications must play a fundamental role in this. In a recent visit, at a meeting with research vice-chancellors, Leonardo Mena, a Chilean consultant in the ARRANCA (Regional Alliance of National Advanced Networks in Central America) project, run by the Inter-American Development Bank (IADB), emphasised that it is important that it is the university authorities the one to indicate the resource's policy of usage and exploitation.

Finally, the challenge of helping end users to see how they can benefit from the network poses the need for RedCONARE to study it in depth, to generate interfaces and service platforms which facilitate the interaction and tracking down of relevant information and to disseminate more and more.

RedCONARE's team is very keen on this work because they know that in this moment they are laying the foundations for the network's consolidation in Costa Rica.

More than 100 experts get together to discuss advanced networks

Guatemala hosted two big international events organised by RAGIE and RedCLARA to promote the use of advanced internet in the region. They featured the participation of researchers, academics and scientists, not only from higher education entities, but also from public and private institutions.

Ixchel Pérez

More than a hundred people got together at Guatemala City to take part in two activities to promote the use and benefits of advanced networks. The people who attended had the chance to learn about projects and applications using the advanced internet e-Infrastructure in fields as varied as natural disasters, culture and telemedicine.

The events were organised by Guatemala's National Research and Education Network (RAGIE) and Guatemala's National Council for Science and Technology, with the support of the Latin American Cooperation of Advanced Networks (RedCLARA) and the Network Startup Resource Center (NSRC).

One of those, the training course called "Campus Networks Design" was aimed at technicians from higher education entities in Central America, while the other course, the International Seminar on Advanced Networks Applications, attracted end users of the e-Infrastructure, such as teachers, researchers and scientists.

Both activities were held at the facilities of Guatemala Universidad del Valle and brought together science and technology authorities, representatives from the National Research and Education Networks (NREN) and technicians and specialists from public and private entities from that country and El Salvador.

Likewise, the International Seminar on Advanced Networks Applications was broadcast via

streaming, thanks to Peru's Catholic University and the Universidad del Valle (UVG) and was followed closely, through social networks, by specialists and members of the NRENs in countries like Peru, Argentina and Costa Rica.

"The 2005-2014 Science, Technology and Innovation plan includes the training of human resources and the transfer of technology. This kind of activities support the increase in one way or another of the human resources, which are valuable for our country", stressed Dr Rosa María Amaya de López, Guatemala's national secretary for science and technology.

Dr Amaya de López also emphasised how important advanced networks are for the development of science and of countries, and invited universities to take advantage of the valuable resource: "Advanced networks will enable us to take the leap we need. The country's universities must use these networks so that researchers can have access to the information they need. Many people are worried about the money when starting a project; but let's not worry about this; ideas are important, if they are good resources can be obtained."

Specialised course

The training Course on Campus Network Design focused on the huge importance of university networks for the development of NRENs and for their stability and high performance. It was held

from the 29th of August to the 2nd of September.

The course featured the participation of twenty-two network engineers from universities in Guatemala and El Salvador, members of the corresponding national networks. From El Salvador, there came engineers from five universities, who were funded with scholarships granted by the Internet Society (ISOC).

The training course's programme focused on getting the engineers to draw up a strategic plan for the networks in their campuses, learn how to implement the best methodologies in network design and operation, and improve their knowledge in terms of management. The main themes addressed included IP addressing planning, layer-2 networks (switching), IPv6, routing, and network monitoring, management and security.

The course's instructors were the three renowned experts from the NSCR, Hervey Allen, Carlos Armas and Carlos Vicente.

From biodiversity to libraries

The International Seminar on Advanced Networks Applications offered a panoramic view of the main projects that are being carried out in Latin America with the support of advanced internet. The diversity of topics showed that this e-Infrastructure is a tool which can be used in all disciplines, providing cutting-edge and high-speed technology for data management and the development of collaborative projects.

"There is a misconception that when you talk about advanced networks you think it's only about computing, but this is for researchers and teachers from different disciplines; we want the use of this tool to be as pervasive and transparent as a simple pencil and paper", explained Luis Furlán, president of RAGIE and RedCLARA, and coordinator of Computer Science at the UVG.

The Seminar featured the participation of international speakers who talked about projects

on biodiversity, environmental simulation and monitoring, disaster prevention, telemedicine, Meso-American digital projects and digital libraries and repositories.



Building up COAR Latin America

RedCLARA, COLABORA and COAR join forces to develop collaboration of Open Access repositories

(Original news published at: <http://coar-repositories.org/>) 16 June 2011 - The Confederation of Open Access Repositories (COAR), an international association of repository initiatives, is reaching out to develop its activities in Latin America. As a first step, at the BIREDIAL conference in Bogotá, Colombia on May 9-11, 2011, representatives of COAR, the Latin American organization RedCLARA and the network of CoLaBoRa signed a Memorandum of Understanding committed to work towards the establishment of a regional branch of COAR. Within the worldwide structure of COAR, this regional approach will build upon existing Open Access activities in Latin America and encourage and support the development of new initiatives. At the same time, the new distributed network structure would recognize the national and regional legal, organizational, cultural, language and communication challenges.

This regional initiative will be coordinated by CoLaBoRa through its network of national contacts and in close collaboration with RedCLARA and the COAR office.

Florencio Utreras, Executive Director of RedCLARA, and Malgorzata Lisowska, Executive Director of CoLaBoRa note: "This collaboration within the framework of COAR is a great opportunity to extend our network of expertise and use this sharing of knowledge and strategies to further the developments in Latin America." Norbert Lossau, chairperson of COAR, adds: "We are looking forward to close beneficial relationships and activities with our colleagues from Latin America. This will strengthen our common goal to improve global visibility of research outputs through networks of Open Access repositories."

For more information please visit:

<http://coar-repositories.org/>

EIC Workshop: IADB Communities International Meeting

Within the context of the Demonstrative Regional Cases component of the IADB Project called “Strengthening of Regional Advanced Academic Networks through RedCLARA as a Regional Public Asset”, the EIC International Communities Workshop Meeting was held in Barranquilla, Colombia, on the 24th and 25th of August.

This project receives funding from the Inter-American Development Bank, IADB, as part of the Regional Public Assets (RPA) programme and gets international and human support from the University of the Atlantic, the Caribbean’s Advanced Technology University Network Association, RUTA Caribe and the National Academic Network of Advanced Technology, RENATA.

The Workshop, coordinated and delivered by RedCLARA, had the objective of bringing together each of the Coordinators and four or five researchers representing the research communities considered in the corresponding component, in

order to strengthen national advanced networks and regional interconnection through RedCLARA, through the implementation of projects with regional social impact.

It also intended to support and strengthen the creation of research communities in Latin America and develop personal contacts and institutional synergies between the members of research communities.

The participating communities come from the area of Health (Tropical Diseases), Natural Disasters (Seismology and Tsunamis) and Renewable Energies (Bio-energies).

The event represented an interesting opportunity to increase the work of the research communities in these topics of great regional relevance. In fact, as a result each community is working on the initial design of a project proposal to be submitted to an international funding agency in the short term.



CUDI Autumn meeting 2011

The University Corporation for Internet Development in Mexico and the Juarez University from the State of Durango, host of the CUDI Autumn meeting 2011, are pleased to invite the Latin American community to the twenty-fourth half-yearly, to be held in the city of Durango, on October 16th, 17th and 18th, at the Gobernador Hotel.

Martha Ávila



CUDI
2011

REUNIÓN DE OTOÑO
DURANGO, DGO.

16 AL 18 DE NOVIEMBRE

This half-yearly meeting will be aimed at university Vice-chancellors, Managing Directors, General and Academic Secretaries, Research Coordinators and Deans, School Directors, Directors of Institutes and research centres, other academic authorities and researchers from each member institution in CUDI, with the purpose of briefing the high authorities about the advanced and opportunities for collaboration that can be obtained by making use of the CUDINetwork.

On this occasion delegates will have the chance to participate in the morning of Wednesday 16th in the conferences presented by the Networks committee, featuring topics related to: Computing Security, IPv6, Measurements, Grids and Cloud Computing; in the afternoon a workshop on Network Monitoring will be delivered. The same day features the Presentation by the Applications and Fund Allocation Committee for the community of teachers and researchers from the Juarez University from the State of Durango, with the topics of the CUDI communities: Ecology, Digital Libraries, Engineering, Shared Laboratories, Health, Education, Maths, Business, Student Media, Earth Science, Supercomputing Grids and renewable Energies.

On Thursday 17th of November there will be a work group that will include topics like High-Speed Wireless Solutions, Optical Fibre Installation, Metropolitan Optical Networks, New Work Groups and New Technologies. The application demos by the CUDI communities (practical work) will be presented simultaneously.

The activities will conclude on Friday 18th with the presentations by:

- Jorge Herrera Caldera
Governor of the State of Durango
- Luis Tomás Castro Hidalgo
Vice-Chancellor of the Juarez University from the State of Durango
- Carlos Casasús López Hermosa
General Director of CUDI
- León Felipe Rodríguez
President of CUDI's Steering Committee
CUDI's current situation
- Coordination of the Information and Knowledge Society
Advanced of the NIBA Network
- Advanced of the State Network of the State of Durango
- Education.- Higher Education Undersecretariat
- Mexico's National Council for Science and Technology, CONACyT
Importance of the NIBA Network for Science and Technology

- Collaboration Opportunities USA | Ana Preston (UCAID) RedCLARA and collaboration in Latin America Universia

- Luis Tomás Castro Hidalgo

Vice-Chancellor of the Juarez University from the State of Durango

Importance of the CUDI Network for Higher Education Institutions

This meeting, just like the previous 23, will offer the chance to share knowledge, experiences and recent information on topics in the areas of interest and in constant evolution, and to initiate new collaborations.

Event's website:

http://www.cudi.edu.mx/otono_2011/

RNP launches sixth generation of Brazilian academic Internet

Adriana Ferrani, RNP



On July 13th, the National Education and Research Network – RNP (Brazil) held the launch ceremony of the new capacity of its Ipê network, an academic backbone which covers all of Brazil. The event celebrated the expansion by 280% of the network's aggregated capacity, which increased from nearly 65 Gbps to around 230 Gbps, and overcame the challenge of taking capacities of more than 1 Gbps to the Amazon region. "RNP is at the forefront of the construction of a society of knowledge", highlighted the Brazilian Minister of Science and Technology, Aloizio Mercadante.

Converging with the Minister's speech, RNP's general director, Nelson Simões highlighted RNP's vision: "We have the opportunity to transform the Brazilian reality by training teachers and students. Our strategy and challenge for the next few years is to expand our scope, reaching other 400 locations in the interior".

During the ceremony, RNP conducted three practical experiments to show the network's high data transmission capacity: a multigigabit simultaneous transfer, the live presentation of a surgery in a video-collaboration environment, featuring the interaction of multiple participants located in different parts of the country, and the streaming transmission of a film in super high definition (4k – four times more pixels than in HDTV format).

Meet the new ALICE2 Work Groups 2011-2012

As a result of the call nine proposals were selected for the development of projects in areas that include wireless networks, mobility, security, measurement, voice over IP, multiconference, IPTV and IPv6.

Tania Altamirano L.

Work Groups To contribute with the network development and deployment of new network services pilots of interest to the National Research and Education Networks (NREN) connected to RedCLARA, as well as to support the transfer of knowledge between the NRENS since 2005, with the support of the program Latin America Interconnected with Europe in its first and second version, ALICE2, has been stimulated the creation and development of a program of Working Groups linked to the area of technology and networks in Latin American academic community.

This program seeks to promote interaction between RedCLARA activities and research groups from the participating institutions of the community, and contribute to the promotion of innovation in a continuous way in both services and in network applications.

The new Work Groups for the 2011-2012 period are:

GT-SCIFI | Intelligent control system wireless networks

Objective: To develop an open platform for centralized control of access points.

Coordinator: Luiz Claudio Schara Magalhães

e-Mail: scharaa-robamidiacom.uff.br

Institution: UFF - Universidad Federal Fluminense

Category: Deployment of a new technology test bed

NREN: RNP



GT- PIT VOIP | Internet Exchange Point Voice over IP

Objective: Modeling and implementing a traffic exchange point of VoIP in RedCLARA through the interconnection of the telephone networks of the NRENS.

Coordinator: Alex Galhano Robertson

e-Mail: alexgra-robarnp.br

Institution: RNP

Category: Deployment of a new technology test bed

NREN: RNP

GT-MOF | Mobility wit OpenFlow

Objective: To promote research and development of a solution capable of providing mobility to Wi-Fi network users using technologies such as Wireless OpenFlow and IPv6.

Coordinator: Liane Margarida Rockenbach Tarouco

e-Mail: lianea-robapenta.ufrgs.br

Institution: UFRGS - Universidade Federal do Rio Grande do Sul

Category: Deployment of a new technology test bed

NREN: RNP

GT - Measurements

Objective: To continue the work begun by the GT-Measurements in the period that run from March 2009 to March 2011. Development of a monitoring infrastructure based on perfSONAR (PERformance Service Oriented Network monitoring ARchitecture) .

Coordinator: José Augusto Suruagy Monteiro

e-Mail: suruagya-robaunifacs.br

Institution: UNIFACS - Universidade Salvador

Category: Deployment of a new technology test bed

NREN: RNP

GT - MCONF| Multiconference system for the interoperable access to Web and mobile devices

Objective: To provide a web conferencing system easy to use, that integrates with mobile devices through the creation of an application for Android and the development of an integrated management system on the web.

Coordinator: Valter Roesler

e-Mail: roeslera-robainf.ufrgs.br

Institution: UFRGS - Universidade Federal do Rio Grande do Sul

Category: Development of new applications that promote online collaboration

NREN: RNP

GT-IPTV

Objective: Implement and produce in the NRENS an IPTV transmission platform that allows IPTV to provide a multichannel IP-TV through RedCLARA with multicast and IPv6 support.

Coordinator: Jaime Leonardo Martínez Rodríguez

e-Mail: martineza-robaunicauca.edu.co

Institution: Unicauca

Category: Development of new applications that promote online collaboration

NREN: RENATA

GT-DEIM-IPV6

Objectives: Coordination and implementation of activities - projects that enable the design, planning and finally the establishment and implementation of IPv6 in the network segments that are referred to RedCLARA services and applications, and also of the member NRENS.

Coordinator: Azael Fernández Alcántara

e-Mail: azaela-robaredes.unam.mx

Institution: UNAM

Category: Technology Prospection

NREN: CUDI

GT-CSIRT | Computer Security Incident Response Team

Objectives: To implement a monitoring infrastructure for RedCLARA with sensors to obtain data about malicious activity and with this information generate notifications of security incidents. Promote agile and coordinated security incident response. Create and disseminate security best practices, focused on academic environments.

Coordinator: Liliana Solha

e-Mail: ninaa-robacais.rnp.br

Institution: RNP

Category: Deployment of a new technology test bed

NREN: RNP

GT-Movilidad

Objective: Apply middleware and mobile networks technologies and to provide roaming services in RedCLARA secure architectures.

Coordinator: José Luis Quiroz Arroyo

e-Mail: jlquiroza62a-robagmail.com

Institution: INICTEL-UNI/RAAP

Category: Development of new applications that promote online collaboration

NREN: RAAP

Learn about the new RedCLARA tools!

September begins in the RedCLARA portal with three new free services for the Latin American academic networks and research communities that are part of it; three applications which enables the online creation and administration of websites, events and multipoint videoconferences. In order to use these applications you will have to be registered as user in www.redclara.net.

SIVIC, Integrated Videoconference Service

The first service implemented by RedCLARA in collaboration with the National Research and Education Networks (NREN). SIVIC integrates the NRENs' videoconference equipment, thus expanding access and the chance to use videoconference rooms for the research community and regional development.

In SIVIC you will find a high availability of videoconference rooms to manage your online meetings and activities, with the participation of multiple geographically dispersed actors. And what about the quality? It's superior, since SIVIC operates with certified videoconference rooms, which ensures the best audio and video quality so that communication flows just as in face-to-face interaction.

With SIVIC you will be able to:

- Book a quick room in RedCLARA's MCU to get connected from any videoconference room or from your personal computer, using EVO or any other H.323 client.
- Book time in multipoint videoconference equipment (which makes it possible to connect several locations at the same time).
- Add public videoconference events in the SIVIC's calendar of activities.

Book the virtual videoconference room you require for your event now and discover the benefits of SIVIC. Remember: in order to make use of the multipoint videoconference time booked in



SIVIC you require an H.323 or EVO client installed on your personal computer or to have access to a physical videoconference room connected to RedCLARA or to the networks that are part of it.

More information on:

http://www.redclara.net/index.php?option=com_content&view=article&id=635&Itemid=435&lang=es

Enter SIVIC: <http://www.redclara.net/emb/sivic.redclara.net/>

Academic Events and Activities Manager

Free tool for the Latin American research communities and academic networks. The Academic Events and Activities Manager makes it possible to:

- Manage the full cycle of an activity, either simple like a meeting, or complex like a conference.
- Create a web environment for your activity which contains from its basic description to the online registration of participants, covering the management of the detailed programme, the



publication of presentations and the development of related publications.

After logging in the portal, once in the Academic Events and Activities Manager, the user will be able to access the service either as a Coordinator of a RedCLARA community, as member of a RedCLARA community or as a new participant who is neither a coordinator nor a member of an existing community. In either case previous registration in the Portal is an essential requirement to access the service.

eScaparate has the following features:

- Available 24 hours, 365 days a year.
- 50 MB disk capacity
- Unlimited traffic
- Remote access via FTP (exclusive use for the organiser)
- Publication in the domain `http://<community name>.redclara.net/`.



- Direct access from the community's homepage, within RedCLARA's Portal.
- Available for the publication of institutional information in web format based on standard HTML.
- The use of pages with PHP, Perl, ASP codes is not enabled (their implementation is planned for a later version).
- The installation of ad hoc data bases or applications is not enabled.

More information:

http://www.redclara.net/index.php?option=com_content&view=article&id=834&Itemid=676&lang=es

Enter the Academic Events and Activities Manager:

<http://www.redclara.net/emb/eventos.redclara.net/indico/>

eScaparate: webhosting service for communities

Give greater exposure to your research projects and initiatives with eScaparate, RedCLARA's webhosting service.

With eScaparate you will be able to enhance your research community's visibility through the publication of your research's advances and results, future steps, contact details, basic or detailed information, work plans, pictures and more.

Intended for exclusive use by RedCLARA's communities, the service requires basic knowledge on FTP, HTML and web page creation. RedCLARA will not provide assistance in the design, edition and/or publication of sites and/or pages.

Más información y condiciones de publicación en:

http://www.redclara.net/index.php?option=com_content&view=article&id=861&Itemid=694&lang=es

From the southern cone:

Sixth ALICE2-RedCLARA meeting

Between the 7th and 11th of November, Montevideo (Uruguay) will host the second annual meeting of the members and partners in the Latin America Interconnected with Europe 2 project, ALICE2. The agenda will include technical, executive and communications meetings.

Tania Altamirano L.

The second annual meeting of the ALICE2-RedCLARA project will be held from the 7th to the 11th of November at the conference rooms of the Four Points Hotel in the city of Montevideo, Uruguay. On this occasion, the Uruguayan Academic Network (RAU) will host the meeting in which activities for each of the programme's components will be included in the agenda.

The Public Relations component will take place on Monday 7th and Tuesday 8th, and will feature the participation of communicators from RedCLARA's member national networks. In the case of the Communities component, there will be a Workshop for community coordinators on Monday 7th.

As for the Executive component, this will include the management workshop for the directors of national networks, to be held on Tuesday 8th, the NREN directors' meeting and the CLARA Assembly on Wednesday 9th and the meeting of the ALICE2 Project's partners, to be held on Thursday 10th and Friday 11th.

The technical component will feature the CLARATEC meeting on the 7th and 8th, and a training course on digital identity from Wednesday 9th to Friday 11th.

We will provide further information on these meetings in the next issue of DeCLARA.



Foto: Luis Castillo, RAU.

More information in:

<http://www.redclara.net/indico/evento/39>

Agenda

OCTOBER

10-11 | EESI Final International Conference

Barcelona, Spain
<http://www.eesi-project.eu/>

10-14 | 14th Workshop on Internet Network Technologies for Latin America and the Caribbean (WALC 2011)

Guayaquil, Ecuador
<http://www.eslared.org.ve/walc2011/>

11 – 14 | 6th Latin American Conference on Learning Objects and Technologies for Education

Montevideo, Uruguay
<http://lacllo2011.seciu.edu.uy/>

12-16 | 17th International Symposium on Computing in Education, SOMECE 2011

Chiapas, Mexico
<http://www.somece.org.mx/Simposio2011/>

17-18 | 3rd Cloud Computing International Conference

Porto, Portugal
<http://2011.cloudviews.org/site/>

24-29 | Third I.N.F.N International School on Architectures, tools and methodologies for developing large scale scientific computing applications (ESC11)

Bertinoro (FC), Italy
<http://web.infn.it/esc11/>

24-28 | 7th Conference International on Network and Service Management (CNSM 2011)

Paris, France
<http://cnsm.loria.fr/>

26-28 | e-Challenges Conference and Exhibition

Florence, Italy
<http://www.echallenges.org/e2011/>

NOVEMBER

2-4 | 4th ICBL International Conference

Antigua, Guatemala
<http://icbl.galileo.edu/>

7-11 | ALICE2 / RedCLARA Meetings

Montevideo, Uruguay
<http://www.redclara.net/indico/evento/39>

16-18 | CUDI Autumn Meeting

Durango, Mexico
http://www.cudi.edu.mx/otono_2011/

7-8 | GARR 2011 Conference

Bologna, Italy
<http://www.garr.it/>

DECEMBER

29 - 1 de Dec. | 3rd IEEE International Conference and Workshops on Cloud Computing Technology and Science

Athens, Greece
<http://2011.cloudcom.org/>

5 – 8 | 7th IEEE International Conference on e-Science

Stockholm, Sweden
<http://www.escience2011.org/>

5-9 | First International Workshop on Smart Communication Protocols & Algorithms (SCPA 2011)

Houston, Texas, USA
<http://scpa.it.ubi.pt/>

12-14 | 9th IEEE International Symposium on Embedded Computing (EmbeddedCom 2011)

Sidney, Australia
<http://www.swinflow.org/confs/sec2011/>



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