



EU-LAC ICT & e-Infrastructures Conference for R&D cooperation
Co-organised by the AMERICAS project and CUDI, the Mexican NREN
Autumn Meeting 2013
Campeche, Mexico October 3-4, 2013

AMERICAS
Latin America-Europe ICT
Cooperation Advanced Strategies



TECNOLÓGICO
DE MONTERREY.



Introduction

The EU-LAC ICT & e-Infrastructures Conference for R&D cooperation is organized by the AMERICAS project and the Mexican NREN CUDI, in the framework of the CUDI's Autumn Meeting in Campeche (Mexico) on 3-4 October 2013.

The AMERICAS project (www.americasproject.eu), funded by the European Commission under FP7-ICT Programme, aims at supporting sustainable ICT policy dialogues and fostering ICT R&D cooperation between Europe and strategic partner countries in Latin America, by enabling new synergies and effective collaboration through policy makers, researchers, industry and key stakeholders' networks in ICT and international cooperation. The AMERICAS project covers all countries with a bi-lateral S&T Agreement in the region (Argentina, Brazil, Chile and Mexico) plus Colombia.

AMERICAS also supports e-Infrastructures for e-Science collaboration to spread the benefits and power of world-class ICT-based infrastructures for R&D cooperation between Europe and Latin America. High capacity networks interconnecting advanced computing such as grid, cloud, supercomputing and high performance computing, together with other ICT components contribute to create new research environments for R&D international cooperation between EU-Latin America. By disseminating the services and applications provided by e-Infrastructures to Virtual Research Communities (VRCs), the AMERICAS project contributes to improve innovation and long-term sustainability of e-Infrastructures relevant to different fields of application of the e-Science domains in Latin America.

The objectives of the EU-LAC ICT & e-Infrastructures Conference for R&D cooperation are to:

- Raise awareness of the power and opportunities of e-infrastructures for EU-LAC cooperation in ICT R&D.
- Show the impact of e-Infrastructures used in different e-Science domains (Life Sciences, Earth Sciences, Engineering, Computer Science and Mathematics, Data Access & Preservation, Astronomy & Astrophysics) by selected VRCs in specific fields of application.
- Strengthen networking between ICT and e-Infrastructures communities, to exchange views, share information and identify new opportunities for R&D collaboration for the benefit of e-Science.

Who will attend

The EU-LAC ICT & e-Infrastructures Conference for R&D cooperation attracts researchers from academia and industry, ICT industry, ICT and e-Infrastructures project managers and partners, policy makers, government institutions and ICT stakeholders from Europe and Latin America.

The Venue

The EU-LAC ICT & e-Infrastructures Conference for R&D cooperation takes place at the Convention Center of Campeche, Mexico. (Malecón Pedro Sainz de Baranda Mza. C s/n, Sector Fundadores Area Ah-Kim-Pech Col. Centro C.P. 24000. Kindly sponsored by Universidad Autónoma de Campeche.

How to get there



Campeche also known as “The bride of the seas” is a beautiful colonial city located in the southeast of Mexico, surrounded by tropical forests with a view to the Gulf of México.

It is the capital of the State of Campeche in the Peninsula of Yucatan, where three traditions met long time ago: the Spanish, the Mayans and Africans from the Caribbean.

For more information about Campeche please visit <http://www.campechetravelguide.com>

The easiest way to get to Campeche from abroad is by plane. There are few non-stop flights from Mexico City but you can also travel to Merida city and take a bus (1 hr and 30 minutes) to the city of Campeche.

For more information on how to get there please visit <http://www.campeche.travel/info/como-llegar>



Sponsors

The EU-LAC ICT-e-Infrastructures Conference is hosted by CUDI, the Mexican National Research and Education Network. CUDI - Corporación Universitaria para el Desarrollo de Internet is a non-profit consortium aiming to build and operate a Mexican high-performance backbone network for research and education, Internet-2 Mexico. There are approximately 260 corporate and affiliate institutions (universities and R&D-institutions) all over the Mexican territory participating in Red-CUDI. These institutions represent almost 70% of all Mexican students of the higher education system and the same percentage of ICT-researchers registered in the National Research System (SNI).

The Conference is also supported by Tecnológico de Monterrey as partner of the AMERICAS project, the liaison office with the European Union UEMEXCYT and the National Council on Science and Technology CONACYT.

Programme and Organising Committee

- Miguel González Mendoza, Tecnológico de Monterrey, Mexico
- Salma Jalife, CUDI, Mexico
- Yolanda Ursa, AMERICAS project coordinator, INMARK, Spain
- Mario Ojeda, Universidad Veracruzana, RISC project, Mexico
- Héctor Sámano – UEMEXCYT, Mexico

- Luis Nuñez – RedCLARA, Colombia
- Raúl Ramos, Universidad Industrial de Santander, Colombia
- Frank Rattmann – Tecnológico de Monterrey, Mexico
- Cecilia Castañeda, CUDI

AMERICAS' e-Infrastructures Special Council - Mexico

- Miguel González Mendoza, ITESM
- Carlos Casarus Lopez Hermosa, CUDI
- Jesus Cruz Guzman, Joint Research Unit (JRU)
- Ma. Del Carmen Heras Sanchez, Mexican Association of Advanced Computing (AMCAV)
- Luis A. Pineda Cortés, Research Institute in Applied Mathematics and Systems (UNAM)
- Mariano Gamboa Zuñiga, CINVESTAV
- Neil Hernández Gress, EU ICT National Contact Point in Mexico
- Monica Aspe Bernal, Ministry of Communications and Transports (SCT)
- Carlos A. Patiño, Digital Access Commission
- Jose Luis Peralta Higuera, COFETEL
- Santiago Gutierrez Fernandez, CANIETI
- Carlos Antonio Funes Garay, SOFTEK, AMITI
- Manuel Tamez, AMIPCI
- Raúl Monroy Borja, Red-TIC CONACYT

Conference Secretariat

Miguel González Mendoza
Tecnológico de Monterrey,
AMERICAS project partner
mgonza@itesm.mx



Salma Jalife Villalón
Coordinator International Affairs CUDI
salmajalife@cudi.edu.mx



The Programme

The EU-LAC ICT & e-Infrastructures Conference for R&D cooperation brings together ICT and e-Infrastructures researchers from the academia and industry, virtual research communities of selected e-Science domains, NRENs, ICT and e-Infrastructures projects participants and government stakeholders from Europe and Latin America.

Two half day time slots have been reserved for the Conference.



15:30

Registration

16:00

Opening Session and Welcome

Dr. Enrique Cabrero, Director General CONACYT (t.b.c)
Sergio Gabriel Matheos, Subsecretario de Coordinación Institucional del Ministerio de Ciencia, Tecnología e Innovación Productiva, e-Infraestructuras NCP, Argentina
Carlos Casasús, Director General CUDI
Miguel González, Tecnológico de Monterrey
Héctor Sámano, UEMEXCYT
Yolanda Ursa, AMERICAS Coordinator

16:30

SESSION 1: EU-LAC cooperation in ICT & e-Infrastructures

Cooperation Opportunities on ICT Research & Innovation, the vision of the AMERICAS project, Yolanda Ursa, INMARK, Spain

The role of NRENs in Latin America, Carlos Casasús, CUDI

Cooperation initiatives in e-Science domains (speakers t.b.c):

- Big Data: challenges and opportunities, Raúl Ramos; Universidad Industrial de Santander, Colombia
- Life sciences
- Earth sciences
- Engineering, Luis Trejo, Tecnológico de Monterrey
- Computer sciences and mathematics – Luis Nuñez RedCLARA - SCALAC, Federico Ruggiero - CHAIN
- Supercomputing – Mateo Valero/Ulises Cortes BSC, RISC
- Data access and preservation – LA REFERENCIA, ELCIRA
- Astronomy and Astrophysics – GLORIA, EVALSO

18:00

Coffee Break

18:15

SESSION 2: e-Infrastructures in the EU-LAC political dialogue

- e-Infrastructures in the S&T policies in Latin America
Neil Hernández, ICT NCP México, Sergio Gabriel Matheos, e-Infraestructuras NCP, Argentina
- Challenges to foster collaboration with Europe
Héctor Samano CONACYT-UEMEXCYT
Miguel González Tecnológico de Monterrey
Federico Ruggiero – CHAIN
Mateo Valero BSC - RISC

19:00

Conclusions, Perspectives and Recommendations

To **register**, please confirm your interest by email to: cudi@cudi.edu.mx

EU-LAC ICT & e-Infrastructures Conference for R&D cooperation



9:00

Welcome and Introduction

Salma Jalife, Coordinator International Affairs, CUDI, Mexico

9:15

SESSION 3: ICT and e-Infrastructures priorities in Latin America

Perspectives for EU-LAC cooperation in e-Infrastructures in Horizon 2020, Leonardo Flores, DG CONNECT, European Commission (Videoconference)

GÉANT - Enabling Global Research and Education Collaboration, Tom Fryer, DANTE (Videoconference)

ICT priorities for R&I collaboration in Horizon 2020, Miguel González, Tecnológico de Monterrey, Yolanda Ursa, INMARK, Spain

10:30

Coffee Break

11:00

SESSION 4: e-Infrastructures and Innovation in Latin America:
Panel on Industry and Academia cooperation

Speakers (t.b.c.)

The role of e-Infrastructures in industrial innovation AMIPCI, AMITI, CANIETI

Technology transfer: drivers and barriers

- **M-Inclusion community: Industry and Academia working together to reduce the digital gap in Latin America**, Francisco Beu, Nokia Institute of Technology
- Hugo Santana (IBM)
- HP, CISCO, Microsoft, Google, Citrix...

e-Infrastructures initiatives and applications

- REMERI/RABID digital libraries and repositories Teresa Rodríguez UdG
- LABORATORIOS COMPARTIDOS Patricia Santiago UNAM
- CLARISE Marisol Ramírez ITESM
- Science Gateway – Jesús Cruz FES, Cuautitlán UNAM

12:30

Conclusions, Perspectives and Recommendations

Yolanda Ursa, Miguel González, Salma Jalife

To **register**, please confirm your interest by email to: cudi@cudi.edu.mx