

## 2010 Euro-Africa e-Infrastructures Conference

Helsinki, Finland (Scandic Marina Congress Center)  
December 9-10, 2010



A Conference organised in the framework of the "2010 Euro-Africa Week on ICT Research & e-Infrastructures" (Dec. 7-10, 2010 - Helsinki, Finland). A series of events held under the aegis of the **European Commission** (DG INFSO: International Relations Unit + GEANT and e-Infrastructures Unit) and the **African Union Commission** with the support of the **Finnish Government** (Ministry for Foreign Affairs + Ministry of Employment and the Economy).

A week organised by the FP7 **EuroAfrica-ICT** and the **ei-Africa** EU-funded projects with the support of the **VTT Technical Research Center of Finland**.

The "2010 Euro-Africa e-Infrastructures Conference" is organised with the support of the **ERINA4Africa** EU-funded Project.



Juhapekka Ristola



Vera Brenda Ngosi



Zoran Stančić

### Final agenda

DAY 1 - December 9, 2010 Setting the Scene...	
07:30+ am	Registrations and welcome of participants
09:00 - 10:00 am	<b>Opening Session &amp; Welcome Addresses</b>
	<b>Session Chair</b> <b>Karine Valin</b> - Managing Director of Sigma Orionis & Coordinator of the ei-Africa EU-funded Project, France <p style="text-align: right;">Rapporteur Peter Mc Grath - Programme officer at TWAS, Italy</p>
	<b>Juhapekka Ristola</b> Director-General, Communications Policy Department, Ministry of Transport and Communications, Finland (host country) <b>Vera Brenda Ngosi</b> Director, Department of Human Resources, Science & Technology (HRST), African Union Commission (AUC) <b>Zoran Stančić</b> Deputy Director-General, Directorate-General Information Society & Media (DG INFSO), European Commission (EC)
10:00 - 10:45 am	<b>Setting the Scene... Part I Research Infrastructures &amp; e-Infrastructures for Science</b>
	<b>Session Chair</b> <b>Colin J Wright</b> - Acting Manager: Cyberinfrastructure, Meraka Institute, CSIR & Head: Research, Center for High Performance Computing (CHPC), South Africa <p style="text-align: right;">Rapporteur Tatu Lyytinen - VTT Team &amp; Researcher, Aalto University School of Economics, Finland</p>
	<b>Ikonen Eeva</b> - Senior Science Advisor, International Relations Unit, Academy of Finland, Finland <i>Research Infrastructures - Tools for the Construction of an Innovative Europe</i> <b>Leif Laaksonen</b> - Chair, e-Infrastructure Reflection Group (e-IRG), Finland <i>An open e-Infrastructure enabling flexible cooperation and optimal use of all electronically available resources</i> <b>Q&amp;A Session</b>
10:45 - 11:15 am	Coffee & tea break offered by Google 
11:15 am - 12:00 pm	<b>Setting the Scene... Part II From Research Networking to Global Virtual Research Collaboration...</b>
	<b>Session Chairs</b> <b>Kostas Glinos</b> - Head of Unit, GÉANT and e-Infrastructures, DG INFSO (Information Society & Media), European Commission (EC) <b>Ahmed Hamdy</b> - Head of the S&T/ICT Division, Department of Human Resources, Science and Technology (HRST), African Union Commission (AUC) <p style="text-align: right;">Rapporteur Peter Mc Grath - Programme officer at TWAS, Italy</p>
	<b>Ognjen Prnjat</b> - Regional and European Grid Management, Greek Research and Technology Network, Greece <i>Sustainable Regional Development for e-Infrastructures: a Case Study</i> <b>Colin J Wright</b> - Acting Manager: Cyberinfrastructure, Meraka Institute, CSIR & Head: Research, Center for High Performance Computing (CHPC), South Africa <i>Sharing the best computational resources - a South African perspective</i>

	<p><b>Kimmo Koski</b> - Director of the CSC-IT Center for Science and Vice Chairman of the Partnership for Advanced Computing in Europe (PRACE), Finland <i>Sharing the best computational resources (e-Science grid) - The PRACE Initiative</i></p> <p><b>Jens Vigen</b> - Scientific Information Officer, European Organization for Nuclear Research (CERN), Switzerland <i>Accessing knowledge (scientific data)</i></p>
12:00 - 12:30 pm	<p><b>Interconnecting Africa</b> <b>Creating and sustaining regional infrastructure networks and services in Africa</b></p> <p><b>Session Chairs</b> <b>Bjorn Pehrson</b> - Research Leader, School of Information and Communication Technology, KTH (Royal Institute of Technology), Sweden <b>Boubakar Barry</b> - Coordinator, Research &amp; Education Networking Unit, Association of African Universities (AAU), Ghana</p> <p style="text-align: right;">Rapporteur <b>Tatu Lyytinen</b> - VTT Team &amp; Researcher, Aalto University School of Economics, Finland</p> <p><b>Esam Abulkhirat</b> - ICT Senior Policy Officer, African Union Commission (AUC) <i>The EU-Africa Partnership on Infrastructures</i></p> <p><b>Speranza Ndege</b> - Commissioner, ICT/e-Learning Specialist, The Broadband Commission, Switzerland &amp; Director, Institute of Open, Distance &amp; e-Learning, Kenyatta University, Kenya <i>e-Learning &amp; e-Infrastructure: building virtual communities for sharing research results</i></p> <p><b>Dai Davies</b> - General Manager, Dante (GEANT), UK <i>AfricaConnect - Implementation Roadmap &amp; Achievements</i></p>
12:30 - 01:30 pm	Networking buffet lunch
01:30 - 02:30 pm	<p><b>Interconnecting the African NREns to each other &amp; to global research and education resources via GEANT</b></p> <p><b>Session Chairs</b> <b>Bjorn Pehrson</b> - Research Leader, School of ICT, KTH (Royal Institute of Technology), Sweden <b>Bayingana Moses</b> - ICT Expert, African Union Commission (AUC)</p> <p style="text-align: right;">Rapporteur <b>Margaret Ngwira</b> - Board Member, the UbuntuNet Alliance, Malawi</p> <p><b>Frederick F. Tusubira</b> - CEO of UbuntuNet, Board Member of TENET, Member of the Advisory Panel to the Research and Education Networking Unit of the AAU, Ghana <i>Shaping the NREns landscape in Africa - The UbuntuNet Alliance</i></p> <p><b>Mumuni Dakubu</b> - Director of the University ICT Centre &amp; Dean of the Faculty of Science, University of Ghana, Ghana <i>Shaping the NREns landscape in Africa - The West and Central African Research Education Network (WACREN)</i></p> <p><b>Dai Davies</b> - General Manager, Dante (GEANT), UK <i>GEANT - Bringing cultures together across continents through global research and education cooperation</i></p> <p><b>Florentio Utreras</b> - Executive Director, CLARA, Chile <i>Harnessing on ALICE2: Latin America focuses on consolidation of RedCLARA</i></p> <p><b>Q&amp;A Session</b></p>
02:30 - 04:00 pm	<p><b>Roundtable Discussion</b> <b>International Cooperation - Donor Partners</b></p> <p><b>Session Chairs</b> <b>Kostas Glinos</b> - Head of Unit, GEANT and e-Infrastructures, DG INFSO (Information Society &amp; Media), European Commission (EC) <b>Ahmed Hamdy</b> - Head of the S&amp;T/ICT Division, Department of Human Resources, Science and Technology (HRST), African Union Commission (AUC)</p> <p style="text-align: right;">Rapporteur <b>Banda Tiwonge Msulira</b> - Project Officer, the UbuntuNet Alliance, Malawi</p> <p><b>Eduardo Sorribes Manzana</b> Policy Adviser, Directorate-General Development (DG DEV), European Commission (EC)</p> <p><b>Americo Muchanga</b> Regulator, Instituto Nacional das Comunicações de Moçambique (INCM), Mozambique</p> <p><b>Jane Butler</b> President, the NetworkTheWorld.org Foundation, US</p> <p><b>Euan Guttridge</b> Technical Programme Manager, Google, Switzerland</p> <p><b>Marc Bellon</b> Project Manager, UNESCO-HP Brain Gain Initiative, France</p> <p><b>Dai Davies</b> General Manager, Dante, UK</p> <p><b>Laurent Besançon</b> ICT Sector Coordinator for the Africa region at the World Bank, World Bank, US <i>Map of missing Infrastructures</i></p> <p><b>Q&amp;A Session</b></p>
04:00 - 04:30 pm	Coffee & tea break
04:30 - 05:15 pm	<p><b>Cables - Status &amp; Perspectives</b></p> <p><b>Session Chair</b> <b>Anders Comstedt</b> - Senior Advisor and Researcher, School of ICT, KTH (Royal Institute of Technology), Sweden</p> <p style="text-align: right;">Rapporteur <b>Andy Cherry</b> - African Unit, Association of Commonwealth Universities, UK &amp; EuroAfrica-ICT Project Partner</p> <p><b>Mike Last</b> - Director, Business Development &amp; International Marketing, the West Indian Ocean Cable Company (WIOCC), Kenya <i>EASSY (the East African Submarine Cable System) - Eastern Africa's Future is Digital</i></p> <p><b>Jean-Louis Parmentier</b> - COO Seacom Ltd, Mauritius <i>SEACOM - East Africa Submarine Cable</i></p> <p><b>Gary Waterworth</b> - EMAI Regional Director, Alcatel-Lucent's Submarine Network Activity, UK <i>Submarine Cable Networks: an Accelerator for Social &amp; Economical Development of African Countries</i></p> <p><b>Sandro Bazzanella</b> - Director ITU-EC Project, International Telecommunication Union (ITU), Switzerland <i>Guidelines on access to submarine cables in West Africa: an input to pan-African definition and implementation of Open Access principle</i></p>
05:15 - 06:15 pm	<p><b>Shaping the NREns landscape in Africa</b> <b>Harnessing on European National Research &amp; Education Networks (NREns) Best Practices</b></p> <p><b>Session Chairs &amp; Rapporteurs</b> <b>Karel Vietsch</b> - Secretary General, Terena, The Netherlands <b>Banda Tiwonge Msulira</b> - Project Officer, UbuntuNet Alliance, Malawi</p> <p><b>Gerti Foest</b> - Project Manager, DFN, Germany <i>The German NREN - DFN</i></p> <p><b>Joao Nuno Ferreira</b> - Director, FCCN, Portugal <i>The Portuguese NREN - FCCN</i></p>

**Lars Fischer** - CTO, NORDUnet, Denmark  
*The Nordic Backbone Network - NORDUnet*

**Sabine Jaume** - Director, External Relations, RENATER, France  
*The French NREN - RENATER*

**Martin Potts** - Director at Martel GmbH and Owner, Martel GmbH, Switzerland  
*The 6DEPLOY 2 Initiative*

06:15 - 08:30 pm

Networking cocktail sponsored by the ERINA4Africa EU-funded project & end of Day 1  
 (Scandic Marina Congress Center)



## DAY 2 - December 10, 2010 Linking Policies to Applications

08:00+ am	Welcome of participants
08:30 - 08:45 am	<p><b>Björn Pehrson</b> - Research Leader, School of ICT, KTH (Royal Institute of Technology), Sweden  <b>Linking Policies to Applications - Overview &amp; Existing Synergies</b></p> <p style="text-align: right;">Rapporteur        Margaret Ngwira - Board Member, the UbuntuNet Alliance, Malawi</p>
08:45 - 10:45 am	<p><b>Exploiting e-Infrastructures Potential for Boosting Research and Innovation in Africa and for Fostering Euro-Africa Cooperation</b>  <b>Investigating Best Practices for e-Infrastructure Application Development - Part I</b>        (Organised by the ERINA4Africa EU-funded Project)</p> <p style="text-align: right;">ERINA AFRICA</p> <p><b>SPECIFIC FOCUS on e-GOVERNMENT, e-SECURITY, e-LEARNING and e-HEALTH</b></p> <p><b>Session Chairs</b>  <b>Simon J.E. Taylor</b> - Coordinator of the ERINA4Africa EU-funded Project, Brunel University, United Kingdom  <b>Boubakar Barry</b> - Coordinator, Research &amp; Education Networking Unit, Association of African Universities (AAU), Ghana</p> <p style="text-align: right;">Rapporteur        Margaret Ngwira - Board Member, the UbuntuNet Alliance, Malawi</p> <p><b>Simon J.E. Taylor</b> - Coordinator of the ERINA4Africa EU-funded Project, Brunel University, United Kingdom  <i>Investigating African e-Infrastructure Applications of the Future: Results of the ERINA4Africa Workshops 2010</i></p> <p><b>Americo Muchanga</b> - Regulator, Instituto Nacional das Comunicações de Moçambique (INCM), Mozambique  <i>Local and Global - the role of the Regulator in facilitating Research and Education Networking</i></p> <p><b>Vasilis Koulolias</b> - Executive Director of Gov2U and Coordinator of the Africa4ALL EU-funded Project, Greece  <i>Africa4all - The Parliamentary Initiative</i></p> <p><b>Dibungi T. Kalenda</b> - Coordinator Eb@le and Professor, Centre d'Etudes des Substances Naturelles d'Origine Végétale (CESNOV), Faculty of Pharmaceutical Sciences, University of Kinshasa, Democratic Republic of Congo  <i>In Silico search for Phytomedicines</i></p> <p><b>Louise Karamage</b> - Rwanda Education Commons, Rwanda  <i>Digital Education Revolution in Rwanda: the Case of Rwanda Education Common</i></p> <p><b>Cheikh Tidiane Touré</b> - Head of the Surgery Department of the Faculty of Medicine, Odonto-Stomatology at the Cheikh Anta Diop University, Senegal  <i>Telemedecine in Africa - Status &amp; Perspectives</i></p> <p><b>Q&amp;A Session</b></p>
10:45 - 11:15 am	Coffee & tea break
11:15 am - 12:15 pm	<p><b>Exploiting e-Infrastructures Potential for Boosting Research and Innovation in Africa and for Fostering Euro-Africa Cooperation</b>  <b>Investigating Best Practices for e-Infrastructure Application Development - Part II</b></p> <p><b>SPECIFIC FOCUS on EARTH OBSERVATIONS &amp; e-AGRICULTURE</b></p> <p><b>Session Chairs</b>  <b>Bjorn Pehrson</b> - Research Leader, School of ICT, KTH (Royal Institute of Technology), Sweden  <b>Margaret Ngwira</b> - Board Member, the UbuntuNet Alliance, Malawi</p> <p style="text-align: right;">Rapporteur        Tiziana Lombardo - CEO, Zephyr srl, Italy</p> <p><b>Robert Klapisch</b> - President, Sharing Knowledge Foundation, Switzerland  <i>Pioneering the Future Internet through addressing geographic issues</i></p> <p><b>Nodumo Dhlamini</b> - Program Manager (ICT), Regional Universities Forum for Capacity Building in Agriculture (RUFORUM), Uganda  <i>RUFORUM - The regional Universities Forum for Capacity Building in Agriculture</i></p> <p><b>Antonio Parodi</b> - Project Leader of CIMA Research Foundation, Italy  <i>ICT-based hydrometeorology science and natural disasters prediction and mitigation in Africa</i></p> <p><b>Hannu Saarenmaa</b> - Finnish Museum of Natural History &amp; <b>Francis Oguya</b> - National Museums of Kenya  <i>North-south data sharing using the e-infrastructure of the Global Biodiversity Information Facility (GBIF)</i></p> <p><b>Q&amp;A Session</b></p>
12:15 - 01:15 pm	<p><b>Roundtable Discussion</b>  <b>Linking Policies to Applications - Recommendations &amp; Action Plan</b></p> <p style="text-align: right;">ERINA AFRICA</p> <p><b>Session Chair</b>  <b>Simon J.E. Taylor</b> - Coordinator of the ERINA4Africa EU-funded Project, Brunel University, United Kingdom</p> <p style="text-align: right;">Rapporteur        Bjorn Pehrson - Research Leader, School of ICT, KTH (Royal Institute of Technology), Sweden</p> <p><b>Margaret Ngwira</b>        Board Member, the UbuntuNet Alliance, Malawi</p> <p><b>Boubakar Barry</b>        Coordinator, Research &amp; Education Networking Unit, Association of African Universities (AAU), Ghana</p> <p><b>Americo Muchanga</b>        Regulator, Instituto Nacional das Comunicações de Moçambique (INCM), Mozambique</p> <p><b>Bjorn Pehrson</b>        Research Leader, School of ICT, KTH (Royal Institute of Technology), Sweden</p> <p><b>Q&amp;A Session</b></p>

01:15 - 01:45 pm	<b>Closing Session &amp; Concluding Addresses</b>
	<b>Session Chair</b> <b>Karine Valin</b> - Managing Director of Sigma Orionis & Coordinator of the e-Africa EU-funded Project, France <span style="float: right;">Rapporteur Peter Mc Grath - Programme officer at TWAS, Italy</span>
	<b>Ahmed Hamdy</b> Head of the S&T/ICT Division, Department of Human Resources, Science and Technology (HRST), African Union Commission (AUC) <b>Kostas Glinos</b> Head of Unit, GÉANT and e-Infrastructures, DG INFSO (Information Society & Media), European Commission (EC) <b>Hannes Toivanen</b> Senior Research Scientist, VTT Organisations, Networks and Innovation Systems, Finland (host country)
01:45 - 02:30 pm	Networking buffet lunch
02:30 pm	End of the 2010 Euro-Africa e-Infrastructures Conference
02:00 - 04:30 pm	<b>Lab Visits to the Otaniemi Research Campus (organised by VTT)</b> ICT laboratories of the <b>Aalto University Telecommunications</b> ICT laboratories of the <b>Technical Research Centre of Finland (VTT)</b>



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