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# 2<sup>nd</sup> International Conference on ICT for Development, Education and Training

An Annual Event for Building eLearning Capacities in Africa

# Conference Programme

## The Safari Park Hotel, Nairobi, Kenya

### May 28 – 30, 2007

Please see <http://www.elearning-africa.com/workshops.php> for Pre-Conference Events taking place on Monday, May 28

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# CONFERENCE PROGRAMME

Legend for Track numbering: The following abbreviations are used to indicate which theme an individual session are addressing

1. TVE = Improving Quality and Outreach of Technical and Vocational Education (TVET) in Africa
2. UNI = Unleashing the Capabilities of Universities through Information and Communication Technologies (ICT)
3. GEN = Empowering Women through ICT with ICT-Based Capacity Building
4. SUS = Setting up and Implementing a Sustainable eLearning Project
5. DES = Designing and Delivering Online Learning
6. LOC = Localisation, Customisation and Content Development
7. SCH = Introducing eLearning to the School System
8. ACC = Building ICT Infrastructures to Provide Access and Connectivity in Africa
9. TEC = Cutting-Edge Technology Developments for Africa
10. COR = eLearning in African Corporations
11. POL = Policy Issues and Large-scale Take-up of eLearning
12. GOV = eLearning for Governments and the Public Sector
13. LIB = Libraries as Access Providers to Digital Resources and Distributed Expertise
14. OPE = Open Source, Open Content and eLearning
15. COP = eLearning in Development Cooperation
16. EUA = The New Africa – Europe Partnership Framework
17. RES = Research in eLearning
18. QUA = Quality Development and Quality Assurance
19. MED = eLearning in Medical Education and the Fight against HIV and AIDS
20. INC = Promoting Inclusivity: eInclusion
21. AFR = African Showcase
22. SFS = Special Focus Session
23. NET = Networking session

**Please note that the agenda for eLearning Africa is subject to change**

**Sessions shaded in gray have simultaneous translation French/English**

**Opening Plenary**  
**Jambo Ballroom**

The Opening Plenary for eLearning Africa will include a welcome from the Minister of Education in Kenya and several key-note presentations from some key personalities from African nations. It will serve to launch not only the eLearning Africa conference but also the many associated events and networking activities that surround this key event in the history of eLearning in Africa.

Introductions: **Prof. Crispus Kiamba**, Permanent Secretary, Ministry of Science and Technology, Kenya

Chairperson: **Hon. Prof. George Saitoti**, Minister for Education, Kenya

Welcome Address:

- **Hon. Prof. George Saitoti**, Minister for Education, Kenya

Keynote Addresses:

- **Hon. Kwame Ampofo Twumasi**, Deputy Minister of Education, Science & Sports (Secondary & Technical), Ghana
- **Ken Mbwya**, Managing Director, HP East Africa  
*Helping People Achieve Key Performance*
- **Esam M. Abulkhirat**, ICT Senior Policy Officer, Human Resources, Science & Technology Department, African Union, Ethiopia  
*ICTool for African Youth Empowerment*

Track	TVE01 Tsavo Room	GEN02 Mount Kenya D Room	SCH03 Mount Kenya A/B Room	DES04 Samburu Room	MED05 Ivory Room	BPS06 Amboseli Room	SUS07 Bougainville Room
Theme	<b>Improving Quality and Outreach of Technical and Vocational Education in Africa</b>	<b>Empowering Women through ICT with ICT-Based Capacity Building</b>	<b>Introducing eLearning to the School System</b>	<b>Designing and Delivering Online Learning</b>	<b>eLearning in Medical Education</b>	<b>Examples of Courses and Content from around the World</b>	<b>Setting up and Implementing a Sustainable eLearning Project</b>
Session title	Technical and Vocational Education Supported by ICT	Creating Spaces for Women	NEPAD e-Schools Initiative	Various Approaches to the Design and Delivery of eLearning	Online Learning Opportunities for Health Professionals	Online Learning Courses and Materials	Creating Sustainable and Large-scale eLearning Initiatives
Description	This presentation and discussion session will feature several different examples of TVET schemes from Africa and elsewhere. It will highlight some of the considerations that need to be taken into account when putting in place successful TVET initiatives supported by ICT.	This session will offer a rich insight into the challenge to bring gender balance into eLearning programmes. Both academic and practitioner approaches will be covered and valuable case studies will offer the opportunity to discuss the real impact of these initiatives.	This session will offer insight into the NEPAD e-Schools Initiative. Demonstrations of the initiative are taking place in 20 African countries in partnership with more than 50 private sector companies. To date three interim monitoring and evaluation reports have been produced. This session will highlight lessons learned thus far in implementing this continental eLearning programme.	There are a great many factors that can effect the success or otherwise of large-scale eLearning programmes. This presentation and discussion session aims to highlight some of the most important that need to be considered when designing and delivering online courses and associated services.	ICT supported medical health education is on the increase all over the world and Africa is no exception. Presentations in this session will feature examples of online learning opportunities aimed at health professionals particularly in Africa and will highlight aspects of good practice and innovative approaches to this challenging learning sector.	This showcase session will highlight online courses and learning materials from around the world in a highly interactive setting. This setting will allow session participants to discuss with each presenter the background, rationale, strategy and outcome of each course or set of materials presented.	The real impact of eLearning will only ever be realized in poor and developing communities when it is part of a strategy that addresses sustainability from the outset. Presentations in this session will highlight how best to ensure sustainability and the ensuing dialogue will enable participants discuss issue related to sustainability in an informed context.
Chairperson	<b>Michael Härtel</b> , Federal Institute for Vocational Education and Training (BIBB), Germany	<b>Faith Macharia</b> , Forum for African Women Educationalists, Kenya	<b>Sandy Malapile</b> , NEPAD e-Africa Commission/CSIR, South Africa	<b>Oscar Olima</b> , Maseno University, Kenya	<b>Mark van der Merwe</b> , CompuTainer Pty. Ltd., South Africa	<b>Shafika Isaacs</b> , Mindset Network, South Africa	<b>Han Fraeters</b> , World Bank Institute, USA
Content	<p><b>Michel Philippart</b>, Cameco, Germany <i>Mediafrica.Net - TOFRRAACE: Le Campus Virtuel des Radioteurs et des Journalistes Africains</i></p> <p><b>Prof. Madara Ogot</b>, University of Nairobi Enterprises and Services Ltd., Kenya <i>eBasic Biz: Online Environment for Providing Business Basics Training to Youth and Womens Groups</i></p> <p><b>Iain Sutherland Macdonald</b>, University of British Columbia, Canada &amp; <b>John Mortimer</b>, University of Stellenbosch, South Africa <i>eLearning as a Corporate Training Tool: Pedagogical Approaches and Learner Support</i></p> <p><b>Dr. Christopher J. Smith</b>, University of Bolton, UK <i>'Don't Forget the Teachers': The Case for Continuing Professional Development to Improve TVET in Africa</i></p> <p><b>Arthur Rateng</b>, Ministry of Education, Science and Technology, Kenya <i>Challenges faced by TVET: Possible Areas of Intervention</i></p>	<p><b>Daniel Lugudde Kakinda</b>, Schoolnet Uganda, Uganda <i>Inspiring Science Education for Girls Using Information Communication Technology (ICT)</i></p> <p><b>Ruth Nsibirano</b>, Makerere University, Uganda <i>Gender and Information Communication Technology: Issues for Effective Capacity Building</i></p> <p><b>Nina Dahlmann</b>, TU Berlin, Germany <i>Developing a Gender-Sensitive Infrastructure for Mathematics and Natural Sciences</i></p> <p><b>Olukunle Daramola</b>, Women's Health and Action Research Centre, Nigeria <i>Gender and ICT: A Case Study of Women Experience in Benin City, Southern Nigeria</i></p> <p><b>Dr. Francisca Aladejana</b>, Obafemi Awolowo University, Nigeria <i>Role Models and ICT- Related Programmes among Nigerian Female Undergraduates</i></p>	<p>This presentation and discussion session will outline the longterm vision of the NEPAD e-Schools Initiative. The Country Liaison Persons (country managers) together with the consortia representatives will describe the process and progress of this exciting initiative in their individual countries. Participants can find out more about the realities and relevance of this important initiative that aims to impart ICT skills to young Africans in primary and secondary schools as well as harness ICT technology to improve, enrich and expand education in African countries.</p> <p>Speakers will include:</p> <p><b>Mary Mmayi</b>, Country Liaison. Kenya <b>Nyasha Mutsekwa</b>, Oracle <b>Matthew Chetty</b>, AMD <b>Albert Jaarsveld</b>, HP <b>Bill Souders</b>, Cisco <b>Pontsho Lefenya</b>, Microsoft</p> <p>Representatives from the consortia leading 50 companies involved: AMD, Microsoft, Oracle, Cisco Systems and HP</p>	<p><b>Dr. Wanjira Kinuthia</b>, Georgia State University, USA &amp; <b>Prof. Stewart Marshall</b>, University of the West Indies, Barbados <i>Approaches for Design and Delivery of eLearning: Lessons and Implications from the Caribbean</i></p> <p><b>Dr. Manisha Pandey</b>, Addis Ababa University, Ethiopia <i>eLearning Intervention in Distance Education: a Pedagogical Perspective</i></p> <p><b>Annika Andersson</b>, Örebro University, Sweden <i>To Learn or Not to Learn The Puzzle of eLearning</i></p> <p><b>Dr. Alan Michael Amory</b>, Gauteng Department of Education, South Africa <i>Ideology Dictates the Design and Use of Educational Technology</i></p> <p><b>Richard J. Self</b>, University of Derby, UK <i>Impact of Infrastructure Issues on the Design and Delivery of Successful eLearning Programmes</i></p>	<p><b>Adesuwa Akinboro</b>, African Medical and Research Foundation (AMREF), Kenya &amp; <b>Sheila Fraser</b>, Accenture Development Partnerships, UK <i>AMREF, NCK &amp; Accenture: Developing an eLearning Solution for the Provision of Nursing Education to Upgrade 22,000 Nurses in Kenya</i></p> <p><b>Prof. Jens Kaasbøll</b>, University of Oslo, Norway &amp; <b>Birkinesh Woldeyohannes Lagebo</b>, BEANISH/HISP-Ethiopia Project, Ethiopia <i>ICT Solutions for Human Resource Capacity Building in the Health Sector: Case Ethiopia</i></p> <p><b>Dr. Fred Bukachi</b>, Global Healthcare Information Network, UK <i>Healthcare Information for All by 2015</i></p> <p><b>Fred Kakaire</b>, Uganda Chartered HealthNet, Uganda <i>Uganda Health Information Network (UHIN)</i></p>	<p><b>Dr. Bedilu Habte</b>, Addis Ababa University, Ethiopia <i>Applied Mathematics for Freshmen Students at the AAU</i></p> <p><b>Dr. Günter Podlacha</b>, InWENT - Capacity Building International, Germany <i>National Accounts Training in a Blended-Learning Format</i></p> <p><b>Dr. Atis Kapenieks</b>, Riga Technical University, Latvia <i>Open Source Interactive Multimedia ECDL Training Modules in Riga City Public Portal</i></p> <p><b>Ilker Helvaci</b>, IES Education and Information Technologies Inc. (Sebit), Turkey <i>Turkish Ministry of National Education (MoNE) Educational Portal Courses</i></p> <p><b>Grace Baguma</b>, National Curriculum Development Centre, Uganda <i>Integration of ICT into Teaching and Learning: A Case Study on CurriculumNet Project in Uganda</i></p>	<p><b>Dr. Solomon Negash</b>, Kennesaw State University &amp; <b>Dr. Moustapha Diack</b>, Southern University Baton Rouge, USA <i>Beyond e-Readiness: Real Access/ Real Impact for eLearning in Sub Saharan Africa</i></p> <p><b>Prof. Kenneth Stevens</b>, Memorial University of Newfoundland, Canada <i>The Development of a Sustainable eLearning Project for Dispersed Communities in Rural Canada</i></p> <p><b>Ermias Wondie Emiru</b>, Ethiopian Civil Service College, Ethiopia <i>Developing and Implementing a Sustainable eLearning Project at the Ethiopian Civil Service College (ECSC) in Ethiopia</i></p> <p><b>Kerryn Krige</b>, Digital Links International, UK &amp; <b>Fred Okono</b>, Computers for Schools, Kenya <i>Creating Sustainable Models</i></p>

Track	ACC08 Tsavo Room	GEN09 Mount Kenya D Room	EUA10 Ivory Room	DES11 Samburu Room	TEC12 Amboseli Room	AFR13 Mount Kenya A/B Room	SUS14 Bougainville Room	PROA Mount Kenya C Room
Theme	<b>Building ICT Infrastructures to Provide Access and Connectivity in Africa</b>	<b>Empowering Women through ICT with ICT-Based Capacity Building</b>	<b>The New Africa – Europe Partnership Framework</b>	<b>Designing and Delivering Online Learning</b>	<b>Cutting-Edge Technology Developments for Africa</b>	<b>African Showcase</b>	<b>Setting up and Implementing a Sustainable eLearning Project</b>	<b>Products and Services</b>
Session title	Access and Connectivity: Issues and Experiences	Challenging Balance	Partnership Opportunities Part I	Online Learning Design	Taking Advantage of Web 2.0 Technologies	Increasing the Take-Up of ICT Supported Learning in Africa	How to Build Sustainability into an eLearning Project from the Start	Creating Products and Services to Meet the Needs of African Learners
Description	This presentation and discussion session will focus on the topic of access and connectivity in Africa. It will include presentations ranging from descriptions of rural multimedia centres and how they have been networked to the challenges faced in providing adequate connectivity to large educational institutions. These presentations will underpin a discussion on how best to overcome access challenges in developing countries.	The search for gender balance presents difficult challenges. How to open opportunities for women, with equal rights and responsibilities and, at the same time, to avoid the opposite extreme: a positive discrimination towards men. This session aims to promote an inspiring and lively debate around these issues.	In this session, presentations of existing EU-Africa "ICT for Development" projects will illustrate the opportunities available. Representatives from the European Commission will inform participants and discuss how to take part in current European programmes. Representatives from European universities and from African R&D cooperation initiatives will provide insights into their programmes, lessons learnt and provide further perspectives.	This session will feature several different approaches to the design and delivery of online learning put forward by practitioners from around the globe. Although each presentation offers a very different perspective, they all share common concerns with usability, affordability and flexibility. Participants are encouraged to discuss the different approaches put forward in an effort to identify best practice and ways in which the experience put forward can be used in their own work.	Commonly available technologies like wikis and blogs offer tremendous opportunities to online learning providers in the developing world. Experienced practitioners in this presentation and discussion session will describe their experiences in using these technologies to support learning. Models supported by podcasting will also be presented along with a description of the practical implications of introducing such technologies into educational service provision.	From proposals to strengthen regional collaboration to mass IT training, this presentation session will put forward just some of the initiatives currently underway in Africa aimed at increasing the take-up of ICT supported learning on the continent. Participants are welcome to join the following discussion about the potential of these initiatives and to find out from those leading them how to get involved.	Building on the opinion and background of those describing their experiences of creating sustainable eLearning projects in the developing world in the previous session, this discussion session will provide an opportunity to tease out the topic of sustainability in a more informal manner. Participants are welcome to join in the discussion in an effort to identify exactly what it is that is necessary for a project to be sustainable beyond the funded period.	Presentation and discussion session highlighting the latest tools and services on offer from industry leaders aimed specifically at African learners. This session will introduce participants to solutions that can make a significant and lasting contribution to their e-learning service offer in the developing world.
Chairperson	<b>Mathy Vanbuel</b> , ATIT, Belgium	<b>Faith Macharia</b> , Forum for African Women Educationalists, Kenya	<b>Leopold Reif</b> , Hoffmann & Reif Consultants, Germany	<b>Dr. Gilford Hapanyengwi</b> , University of Harare, Zimbabwe	<b>John Traxler</b> , University of Wolverhampton, UK	<b>Dr. Speranza Ndege</b> , Kenyatta University, Kenya	<b>Han Fraeters</b> , World Bank Institute, USA	<b>Daniel Nettey</b> , International Institute for Information Technology (IIIT), Ghana
Content	<b>Dr. Robert Bradley Kozma</b> , SRI International, USA <i>Toward an African Knowledge Network: ICT, Rural Development, and the Green Revolution</i> <b>Adrian Pais</b> , LinkNet Zambia, Zambia <i>Challenges and Opportunities in Bringing Connectivity to Rural Zambia</i> <b>Sandra Atieno Aluoch</b> , African Virtual University, Kenya <i>The Search for Affordable and Quality Internet Connectivity for African Universities</i>	This discussion session will feature input from several panellists experienced in the topic of empowering women through ICT with ICT-based capacity building.  Panellists will include: <b>Florence Etta</b> , Africa Gender and Development Evaluators Network, Kenya <b>Dr. Grace Bunyi</b> , Kenyatta University, Kenya <b>Florence Wachira</b> , Ministry of State for Public Service, Office of the President, Kenya <b>Victoire Ngounoue</b> , University of Buea, Cameroon	<b>Dr. Fabian Aiterebhe Ehikhamenor</b> , University of Ibadan, Nigeria <i>A Framework for Partnerships between African ICT Related Institutions: Building on the New Africa - Europe Partnership</i> <b>Dr. Nicolas Balacheff</b> , Centre National de la Recherche Scientifique, France <i>Technology Enhanced Communities to Support PhD Students and their Supervisors</i> <b>Prof. Jørn Braa</b> , University of Oslo, Norway <i>Building Sustainable Europe-Africa Consortiums and Networks - the Example of BEANISH</i> <b>Ken Lohento</b> , Panos Institute West Africa, Senegal <i>The EuroAfrica-ICT Initiative - Relevant Aspects of the 7th EU Framework Programme for African Organisations Seeking Project Funding</i>	<b>Peter Mozelius</b> , Stockholm University/Royal Institute of Technology, Sweden <i>An Affordable Model for Online Teaching and Learning Activities</i> <b>Prof. Thierry Karsenti</b> , University of Montreal, Canada <i>Benchmarks for eLearning in Africa</i> <b>Dr. David Shoemaker</b> , eCornell, USA & <b>Joseph Musangi</b> , eCornell, Kenya <i>Structured Flexibility™: An Approach to Asynchronous, Instructor-Facilitated, Problem-Based eLearning</i> <b>Dejan Dincic</b> , DiploFoundation, Switzerland <i>Effective Online Learning Design: Putting it All Together</i>	<b>Stefan Stieglitz</b> , University of Potsdam, Germany <i>The Use of Governance Mechanisms in Wiki Systems for Learning Arrangements</i> <b>Dr. Palitha Edirisingha</b> , University of Leicester, UK <i>Podcasting in Higher Education – Adapting IMPALA Models for African Contexts</i> <b>Tony Carr</b> , University of Cape Town, South Africa <i>Blogs and Wikis in Collaborative Learning at University of Cape Town</i> <b>Prof. Christian Wagner</b> , City University of Hong Kong, Hong Kong <i>eLearning 2.0 with Weblogs and Wikis</i> <b>Dr. Raymond Gaturuku Macharia</b> , Royal Veterinary College London, UK <i>Podcasting - A New Technology to Enhance Independent Student Learning at the University</i>	<b>Dr. Samson Okuro Gunga</b> , University of Nairobi, Kenya <i>Towards Open eLearning and Distance Education Initiative: From Competition to Collaborative-Partnership Building in the East African Region</i> <b>Alfred Mutanga</b> , ISPU Quelimane, Mozambique <i>The Use of Low Cost Innovative Technologies to Support eLearning Activities in Zambezia Province, Mozambique</i> <b>Armelle Arrou</b> , UNESCO, France <i>The Open Learning Platform</i> <b>Nector Mbilima</b> , Pan-African Parliament, South Africa <i>eLearning Experiences: Lessons Learnt and Future Possibilities</i>	This panel discussion will include several panellists with proven experience in the field of technology enhanced learning in the development context.  Panellists will include: <b>Prof. Peter Kinyanjui</b> , NEPAD e-Africa Commission (until December 31, 2006) Kenya <b>Nzomo Mwita</b> , African Medical and Research Foundation (AMREF), Kenya <b>Prof. Georges Eisendrath</b> , Vrije Universiteit Brussel, Belgium <b>Dr. Daniel Babikwa</b> , Makerere University, Uganda	<b>Rahim Habib</b> , SMART Technologies Inc., Canada <i>eLearning Solutions from SMART</i> <b>Piotr Mróz</b> , Young Digital Planet, Poland <i>UNIVERSAL CURRICULUM - eLearning Technologies for K-12 Education</i> <b>Keith Rundgren</b> , NetLearn, South Africa <i>Showcasing the International Computer Driving Licence (ICDL) Automated Testing Software</i> <b>Dorothy Namunya</b> , Oracle, Kenya <i>Academic Registration System for Successful eLearning</i>

Track	QUA15 Tsavo Room	NET16 Bougainville Room	EUA17 Ivory Room	DES18 Samburu Room	OPE19 Amboseli Room	AFR20 Mount Kenya D Room	TVE21 Mount Kenya A/B Room
Theme	<b>Quality Development and Quality Assurance</b>	<b>Networking Training Practitioners</b>	<b>The New Africa – Europe Partnership Framework</b>	<b>Designing and Delivering Online Learning</b>	<b>Open Source, Open Content and eLearning</b>	<b>African Showcase</b>	<b>Improving Quality and Outreach of Technical and Vocational Education in Africa</b>
Session title	Approaches to Quality Assurance in eLearning Programmes	Exploring the Ideas and Issues that YOU Want to Explore	Partnership Opportunities Part II	Creative and Successful Learner-oriented Design Strategies	Open Content: Lessons from Practice	Online Assessment and Evaluation	Skills for Employability: Creating Opportunities, Changing Lives
Description	This presentation and discussion session will feature examples of different approaches to quality assurance in eLearning. It will highlight the way in which various tools and approaches are being used to ensure quality in eLearning programmes particularly in respect to trans-national education.	This session will be run using a dynamic meeting method called the World Cafe in which you will be invited to take part in conversation rounds exploring the theme 'Networking Training Practitioners: What are the issues and ideas?'	During this discussion session, participants will be invited to put forward their ideas for partnership. This will include suggestions for concrete projects and initiatives aimed at strengthening Africa-Europe Partnership in the field of eLearning.	Examples of courseware designed in collaboration between African and non-African institutions are included in this session which will highlight some of the design issues that need to be addressed by potential eLearning suppliers and service providers. Presentations will highlight the need to be learner-centred, pragmatic, goal-oriented and context-sensitive in what is planned to be an interactive session where participants are encouraged to raise questions and discuss best practice.	There is an emerging trend to promote and adopt open source schemes to manage and share information. There are important experiences about how Open Content is being offered by Universities and learning providers from around the world. This session offers a valuable opportunity to understand the scope and limitations of such an approach and to compare different tools and strategies related to it.	Online assessment is on the increase in education and training both as a means to measure pre-course suitability and as a way to assess learning outcomes. But what are the criteria for putting in place successful online assessment procedures? This showcase session will feature examples from different parts of Africa where such systems are being put in place and will provide an opportunity to identify successful design and implementation strategies.	This special focus session sponsored by Cisco will address the topic of how enhanced technical and vocational education in Africa can have a significant impact on people's lives and perspectives. It will use the example of the Cisco Networking Academy, describing both the approach taken and experience gained in Africa as a way towards improving the standard of living for African citizens. The importance of partnerships is highlighted.
Chairperson	<b>Prof. Jophus Anamuah-Mensah</b> , University of Education, Winneba, Ghana	<b>Clare Sempewba</b> , iTrain, Uganda	<b>Leopold Reif</b> , Hoffmann & Reif Consultants, Germany	<b>Prof. Inocente Mutimuciuo</b> , Eduardo Mondlane University, Mozambique	<b>Sebastian Hoffmann</b> , Hoffmann & Reif Consultants, Germany	<b>Adejare Atanda Amoo</b> , CorporateMind Associates Nigeria Ltd., Nigeria	<b>Hital Muraj</b> , Cisco Systems, Cisco Networking Academy Program, Kenya
Content	<p><b>Lesley Boyd</b>, South Africa <i>Using Systems and Process Thinking to Design Internal Quality Management Practices for eLearning</i></p> <p><b>Euphraith Muthoni Masinde</b>, University of Nairobi, Kenya <i>Ensuring Quality eLearning Programmes in Transnational Education in Africa - A Systems Thinking Approach</i></p> <p><b>Dr. Yoshiko Goda</b>, Aoyama Gakuin University, Japan <i>Development and Practice of a Sustainable Project to Cultivate eLearning Professionals Assuring Quality Education in Japan</i></p>	<p>You are invited to take part in a participatory session to explore the theme of 'Networking Training Practitioners'. The workshop will be run using a dynamic meeting method called the World Cafe in which you will be invited to take part in conversation rounds exploring the theme of Networking Training Practitioners. Your preparation for the session is minimal - we simply invite you to start thinking now how you might respond to questions such as...</p> <p>- How do we create the conditions for practitioners to work together and learn from each other more effectively?</p> <p>- What kind of support is needed by existing networks whether local, national or regional?</p> <p>- How can we learn from other initiatives that support existing networks of trainers?</p> <p>...and, to be prepared to engage in collective intelligence through conversations on questions that matter.</p>	<p>Discussion session to include the input for panellists from Partnership Opportunities Part I and session participants.</p>	<p><b>Ken Reimer</b>, University of New Brunswick, Canada <i>eLearning Objects for Engineering Education</i></p> <p><b>Ass. Prof. Cristino Carbonell</b>, University of Santo Tomas, Philippines <i>Enchanting eLearning: Got to Believe in Magic!</i></p> <p><b>Tiana van der Merwe</b>, University of the Free State, South Africa <i>Online Skills Development for the 21st Century</i></p> <p><b>Svein Tenningås</b>, ITU/BDT/AFR, Zimbabwe <i>Human Capacity Building - the ITU Approach</i></p>	<p><b>Guilaine Thébault</b>, Centre d'Etude d'Afrique Noire (CEAN), Senegal <i>Open Source and Open Content: Possibilities for eLearning? Case Studies of the AUF and the AVU in Senegal</i></p> <p><b>Gerald Rwagasana</b>, National University of Rwanda, Rwanda <i>Contribute in Improving Physics Teaching at the University's Undergraduate Level</i></p> <p><b>Stephen Marquard</b>, University of Cape Town, South Africa <i>Informal Student Use of eLearning Environments: A Case Study of Student Use of Sakai</i></p>	<p><b>Roelien Brink</b>, University of Johannesburg, South Africa <i>Online Quality Assessment</i></p> <p><b>Leatile Nthaga</b>, Botswana College of Agriculture, Botswana <i>Testing in the Online Environment: Issues to be Addressed in order to Make Online Testing Reliable</i></p> <p><b>Mike Mhlolo</b>, University of Witwatersrand, South Africa <i>ICT - The Role it Plays in Communicating Data to Do with Effective Teaching and Quality Education</i></p> <p><b>Karen Deller &amp; Felicity Boyers</b>, Prior Learning Centre, South Africa <i>Recognition of Prior Learning (RPL) Using Electronic Portfolio of Evidence Assessment</i></p>	<p>Speakers in this session will include:</p> <p><b>Markus Schwertel</b>, Cisco Systems, Cisco Networking Academy Program, Germany <i>Cisco Networking Academy Program: 10-Year Fast Facts</i></p> <p>This presentation will be followed by a discussion including one of the students of the Cisco Networking Academy Program, <b>Ernest Wambari</b>, Dimension Data, Kenya</p>



**Tuesday, May 29 2007 17:15 – 18:15: Harambee (Networking) Sessions taking place in Ivory Room, Bougainville Room, Mount Kenya A/B Room, Mount Kenya C Room and Mount Kenya D Room**

**Tuesday, May 29 2007 18.15 – 19.30**

**Round Table Discussion  
Jambo Ballroom**

Building Partnerships for Education and Capacity Development in Africa: Finding a Sustainable Role for ICT Supported Initiatives

Multi-Stakeholder Partnerships for Education (MSPEs) are widely seen as offering potential 'solutions' to many of the problems facing those seeking to enhance the quality and quantity of education and Capacity Development in Africa. However, they remain highly controversial, and there is little consensus as to the real benefits that they can bring, or even how best to implement them. Africa is littered with examples of well-intentioned MSPEs that have failed to go to scale or be sustainable.

This plenary session brings together some of the leading proponents of MSPEs to respond to these agendas. The World Economic Forum and UNESCO have recently established the Partnerships for Education programme which is specifically designed to draw on good practices across the world, and build on these to help facilitate delivery of such partnerships. Cisco, Microsoft and Intel are core Strategic Partners in this initiative, and representatives from each of these companies will be on the panel, they will be joined by a representative from Nokia.

Following short introductory statements from each panellist, the Chair will encourage discussion around the issues raised, and there will also be an opportunity for brief interventions from the audience

Chairperson: **Tim Unwin**, Partnerships for Education Programme, World Economic Forum/UNESCO, UK

- **Bill Souders**, Cisco & NEPAD e-Schools Initiative, South Africa
- **Micheline Nturu**, Nokia Corporate Social Investment, South Africa
- **Mark East**, Microsoft Education Solutions Group, UK
- **Dr. Martina Roth**, Intel Education, Europe, Middle East and Africa, Germany
- **Monika Weber-Fahr**, World Bank Institute, USA
- **Afzal Sher**, SPIDER, Sweden

Track	COP22 Tsavo Room	GOV23 Mount Kenya A/B Room	TEC24 Samburu Room	UNI25 Amboseli Room	SCH26 Bougainville Room	AFR27 Ivory Room	COR28 Mount Kenya D Room
Theme	<b>eLearning in Development Cooperation</b>	<b>eLearning for Governments and the Public Sector</b>	<b>Cutting-Edge Technology Developments for Africa</b>	<b>Unleashing the Capabilities of Universities through Information and Communication Technologies</b>	<b>Introducing eLearning to the School System</b>	<b>African Showcase</b>	<b>eLearning in African Corporations</b>
Session title	Lessons from the Field, Overseas Perspectives and Regional Strategies	Civil Servants: Enhancing Training	Mobile Learning in the African Context	Facing the Technological Challenge	Supporting the Take-Up of ICT in African Schools	Creating Online Learning Opportunities in Africa	Alternatives and Roles for Micro Entrepreneurs, SMEs and Large Corporations
Description	This session will address the relationship between eLearning and ICTs with development cooperation. Including both experiences at micro level and policy concerns at macro level. The session will offer a valuable opportunity to scan the possibilities and challenges that new technological developments offer.	eLearning appears as an efficient and low cost alternative to offer training to civil servants from different sectors and localities. Several cases will be presented and discussed to assess the possibilities and limitations offered by these tools.	Mobile systems offer African learners terrific opportunities to overcome the limitations of poor ICT infrastructures. But systems incorporating mobile devices have particular challenges of their own and during this presentation and discussion session several practical examples of African mobile learning initiatives will be presented and participants will be invited to discuss the best way to maximize the opportunities afforded by developments in mobile devices.	The adoption of eLearning programmes and tools by universities has been carried out following different strategies and approaches. This session will feature several African cases to allow a better understanding of the key lessons that can be learned from African experiences and will allow participants reflect on the challenges facing Higher Education institutions in their take-up of ICTs.	This presentation and discussion session will highlight concrete examples of ICT take-up in African schools. It will focus on the challenges faced in relation to teacher training, creating sustainable ICT infrastructures and fostering system-wide adoption. The aim of the session is to learn from the increasing number of ICT-based initiatives in African schools.	This session will feature examples of how African schools, colleges, universities and other institutions are putting ICT into regular use. It will highlight some of the difficulties faced and will also show how collaboration is facilitated amongst organizations in Africa and the rest of the world who are working together to provide extended learning opportunities for African citizens.	The business sector has also developed valuable experiences using eLearning and ICTs to provide training and to improve their performance. This session will offer both African and non-African experiences on this matter and enable a rich discussion about the role to be played by private firms in the development of eLearning on the African continent.
Chairperson	<b>Dr. Bitange Ndemo</b> , Ministry of Information and Communication, Kenya	<b>Dr. Juma Okech</b> , Directorate of e-Governance, Office of the President, Kenya	<b>Dr. Herman J. Van Der Merwe</b> , Tswane University of Technology, South Africa	<b>Mark Matunga</b> , Microsoft, Kenya	<b>Dr. Michelle Selinger</b> , Cisco Systems, Worldwide Corporate Affairs, UK	<b>Rev. Emmanuel Kingsley Dadebo</b> , Ministry of Education, Science & Sports, Ghana	<b>Gary Stairs</b> , Red Hot Learning Inc., Canada
Content	<p><b>Edwin Idu</b>, University of Agriculture, Nigeria <i>Integrating Cyber Extension in Agricultural Research and Development: A Model for Universities of Agriculture</i></p> <p><b>Frank van Cappelle</b>, International Institute for Educational Planning (UNESCO), France <i>eLearning for Capacity Building in Development Cooperation: the Case of SACMEQ</i></p> <p><b>Dr. Libérat Ntibashirakandi</b>, Université Libre de Bruxelles, Belgium <i>Facteurs de Succès de l'Enseignement à Distance en Coopération</i></p> <p><b>Prof. Mona-Lisa Dahms</b>, Aalborg University, Denmark <i>eLearning in Rural Africa - Fact or Fiction? On Education and the Internet in Rural Africa</i></p> <p><b>Hon. John C. Alintuma Nsambu</b>, Cabinet and Ministry of Information and Communications Technology, Uganda <i>Appropriate ICTs for Africa as a driving force for eLearning: the Solar/Battery Powered Computer</i></p>	<p><b>Daniel Stern</b>, UConnect, Uganda <i>Training Officials in ICTs: Provide Internet, and They Will Learn How to Use It</i></p> <p><b>Barbara Lukaszewicz</b>, Canada School of Public Service, Canada <i>From Zero to 250,000 Online Learners: The Story of Campusdirect (eLearning and Blended Learning) in the Canadian Government</i></p> <p><b>Kemi Ogunsola</b>, University of Ibadan, Nigeria <i>Challenges to the Adoption of eLearning Technologies in the Nigerian Public Sector</i></p> <p><b>Abraham Ephraim Fuks</b>, International Bureau of Fiscal Documentation (IBFD), The Netherlands <i>eLearning for African Revenue Services</i></p> <p><b>Marios Chatzidimitriou</b>, ALTEC S.A., Greece <i>Implementing Low-Cost eGov Solutions in Europe, in Africa, all over the Globe: Report on Experiences</i></p>	<p><b>Jon Gregson</b>, Imperial College London, UK &amp; <b>Dolf Jordaan</b>, University of Pretoria, South Africa <i>Designing Courses for Distance Learners in Africa that Make Good Use of Mobile Phone Capabilities</i></p> <p><b>John Traxler</b>, University of Wolverhampton, UK <i>Mobile Educational Messaging - Scaling-Up and Sustaining</i></p> <p><b>James Sankale</b>, Ministry of State for Youth Affairs, Kenya <i>In the Palm of Your Hand: Supporting Rural Teacher Professional Development and Practice through the Use of Mobile Phones and Other Handheld Digital Devices</i></p> <p><b>George Matovu</b>, Municipal Development Partnership, Zimbabwe &amp; <b>Sheila Jagannathan</b>, World Bank Institute, USA <i>Creating waves through Digital Radio: An African Success Story</i></p> <p><b>Ednah Karamagi</b>, BROSDI, Busoga Rural Open Source and Development Initiative, Uganda <i>Use of Mobile Systems for Enabled Rural Development</i></p> <p><b>Dr. Adel Besrouir</b>, Nokia Siemens Networks, Tunisia <i>Mobile Learning in the African Context</i></p>	<p><b>Daniela Gachago &amp; Spoon Mafote</b>, University of Botswana, Botswana <i>Assessment of the Effectiveness of the CAD eLearning Certificate at the University of Botswana</i></p> <p><b>Dr. Joseph Kiplagat</b>, Masinde Muliro University of Science and Technology, Kenya <i>The Role of ICT in University Growth: Case of Masinde Muliro University in Kakamega Kenya</i></p> <p><b>Motsei Stephinah Madia &amp; Sibongile Simelane</b>, Tshwane University of Technology, South Africa <i>Partners@Work: The Professional Development Programme in Technology at Tshwane University of Technology</i></p> <p><b>Dr. Oluwayemisi Obashoro-John</b>, University of Lagos, Nigeria <i>Evaluation of eLearning Provisions in Nigerian Universities: Implications for Quality Development and Assurance in Adult Learning</i></p> <p><b>Irene Chege</b>, Mekelle University, Ethiopia <i>Launching eLearning at Mekelle University, Ethiopia</i></p> <p><b>Dr. Speranza Ndege</b>, Kenyatta University, Kenya <i>The Importance of Developing eLearning Strategies in Line with National and Institutional Policy Frameworks: The Case of Kenyatta University</i></p>	<p><b>Paolo Brunello</b>, WITAR, Burundi <i>The Burundi Project: Sewing the Digital Divide through by Empowering Teachers</i></p> <p><b>Amos Simbaya</b>, Balancing Act Africa Youth Foundation (BAAYF), Zambia <i>BAAYF Project for IT/ICT Capacity Building in Zambian Schools</i></p> <p><b>Eunice Eytayo Olakanmi</b>, University of Leeds, UK <i>Integration of Web Based Learning Environment into the Nigerian Senior Secondary School National Chemistry Curriculum</i></p> <p><b>Edmond Were</b>, Kigali Institute of Education, Rwanda <i>Building Teacher and Research Capacity for Teaching and Learning with ICT in Rwanda</i></p> <p><b>Dr. Martina A. Roth</b>, Intel Education, Europe, Middle East and Africa <i>Improving Education through the Effective Use of Technology</i></p> <p><b>Demissew Bekele Mulugeta</b>, Ministry of Education, Ethiopia <i>Case Study of School Net Project in Ethiopia</i></p>	<p><b>Fatma Bashir</b> Cyber School Technology Solutions Ltd., Kenya &amp; <b>Christian Gronlund</b>, Cyber School Technology Solutions Ltd., Uganda <i>Leaping Forward - The Quest to Activate eLearning in Kenyan and Ugandan Schools</i></p> <p><b>Karim Toledano</b>, Eduvision, Switzerland <i>A Skip, A Hop and A Jump: The Leapfrogging of Education over the Digital Divide</i></p> <p>The following two presentations are given by the winners of the Provincial GET e-Learning Conference and Showcase competition organised by the Gauteng Department of Education, South Africa:</p> <p><b>Nic Wolmarans</b>, Rosettenville Central Primary School, South Africa <i>Support Structures through Simple Excel and Other Microsoft Applications Activities and eLearning</i></p> <p><b>Kanagamberry Mestry</b>, Roshnee Primary School, South Africa <i>Technology-Enhanced Learning: The Effective Use of Electronic Media in Curriculum Delivery</i></p>	<p><b>Willie Tafadzwa Chinyamurindi</b>, Nelson Mandela Metropolitan University, South Africa <i>An Investigation into eLearning Acceptance in Selected South African Companies</i></p> <p><b>Kiptoo Chesire</b>, Learning Resources Ltd., Kenya Implementing eLearning in Kenya Corporate: Challenges and Issues</p> <p><b>Geoffrey Kofi Gelly</b>, Global Unification, Ghana <i>Global Unification: An Emerging Centre for eLearning in Africa</i></p> <p><b>Mary Uzoh</b>, Learning Right Technologies, USA <i>Balancing Act! Key to Successful eLearning Implementation in Africa</i></p> <p><b>Diana Musumba</b>, Kenya Commercial Bank, Kenya <i>Role of eLearning in Developing Human Capital: the Corporate Experience</i></p>



Track	SCH29 Tsavo Room	COP30 Bougainville Room	OPE31 Ivory Room	DES32 Samburu Room	UNI33 Amboseli Room	DES34 Mount Kenya D Room	RES35 Mount Kenya A/B Room
Theme	<b>Introducing eLearning to the School System</b>	<b>eLearning in Development Cooperation</b>	<b>Open Source, Open Content and eLearning</b>	<b>Designing and Delivering Online Learning</b>	<b>Unleashing the Capabilities of Universities through Information and Communication Technologies</b>	<b>Designing and Delivering Online Learning</b>	<b>Research in eLearning</b>
Session title	Successful Strategies for Implementing ICT in Schools	eLearning for Development – China's Experience	Developing Open Education Resource Environments in Africa	Building Successful eLearning Materials and Courses	Teaching Challenges Part I	Effective Education for a World Class Enterprise	Collaborative Research Efforts Linking Researchers Around the World
Description	Adopting ICT in schools requires system-wide strategies and approaches often involving commitment throughout the network from senior administration through to the local teacher. Presentations in this session will focus on the experience of such adoption and will highlight some of the challenges and barriers to be overcome particularly in the developing world.	This session will review China's experience in the use of eLearning for development. It will look at experiences both in the formal education sector, and in the area of training/capacity building for civil servants and government officials.	Connectivity and access to eLearning opportunities is expanding rapidly across Africa. In this context attention is becoming strongly focussed on content. Open content or 'Open Educational Resources' (OER) offer the potential to provide sustainable, low cost and high quality resources. This special focus session will address key issues surrounding the topic of Open Educational Resources for Africa.	This presentation session highlights experiences and know-how from around the world on how to build successful eLearning materials and courses as well as how to motivate academic and other staff in their use of online teaching tools. Ranging from specific experiences in the developing world to advice and recommendations based on institution wide strategies, the emphasis is upon sustainability, effectiveness and feasibility.	The adoption of eLearning within universities poses a difficult challenge to lecturers: new teaching styles must be developed to adjust to the new tools and environment. Among African universities there are several valuable experiences showing how this could be done in a creative and successful way. This session aims to show and compare several of these.	The focus of this session sponsored by HP will be to highlight and demonstrate state of the art technologies and processes used for education in enterprises to develop and retain a world class workforce as a key differentiator and a provider of competitive advantage.	This discussion and presentation session will highlight the ways in which researchers in the area of technology supported learning and associated scientific fields in Africa and the rest of the world can work together.
Chairperson	<b>Shola Aboderin</b> , Business & Educational Technology Associates , USA	<b>Jiping Zhang</b> , World Bank, Japan	<b>Prof. Bob Moon</b> , Open University, UK	<b>Ron Kim</b> , World Bank Institute, USA	<b>Dan Njiriri</b> , Tracom College & Network of Computer Initiatives in Education (N.I.C.E.), Kenya	<b>Joseph B. Kibui</b> , HP Education Services, HP East Africa	<b>Dr. Nicolas Balacheff</b> , Centre National de la Recherche Scientifique, France
Content	<b>Roberto Gauvin &amp; Samuel Pelletier</b> , Centre d'apprentissage du Haut-Madawaska, Canada <i>Comment Nous Avons Créé une Communauté d'Apprentissage à l'École à l'Aide du Cybercarnet</i> <b>Peterson Wang'ombe</b> ACM FTT Afriserve, Kenya Introduction of eLearning Resources in Malaysian Smart Schools: A Blended Learning Strategy in Secondary Schools <b>Dr. Paola Masperi</b> , EuroTalk Ltd, UK & <b>Mayamiko Chiwaya</b> , Ministry for Education, Malawi <i>EuroTalk's Cutting-Edge eLearning Solutions for African Schools: a Pilot Project with the Government of Malawi</i> <b>Francois Donfack</b> , Lycée Joss Douala, Cameroon <i>Développement Professionnel des Enseignant par les TIC: Cas du Lycée Joss de Douala-Cameroun</i>	China has a long experience with distance learning, going back to correspondence courses of the 19th century. More recently, China has seized on the opportunities offered by modern information and communications technologies to expand and extend opportunities for learning and for access to global knowledge and experience.  Panellists: <b>Dr. Jun Han</b> , National Center for Education Technology Ministry of Education, China <b>Xuezhun Sun</b> , Western Region Development Office (WRDO), China <b>Chengfeng Zhou</b> , China Education Resources Inc., Canada <b>Sheng Li</b> , World Bank, China	This special focus session will (i) look across the 'OER' movement and identify environments of particular relevance to higher education, (ii) look specifically at the build of a sector specific OER focussed on Africa: the Teacher Education in Sub-Saharan Africa (TESSA) programme, (iii) explore the international policy context of funding for OER development with specific relevance to the work of the William and Flora Hewlett Foundation, (iv) consider the contentious issue of licences and intellectual property across the OER movement.  The session will also provide ideas and opportunities for discussion around the ways in which governmental and institutional policies and practices can exploit the potential for Open Educational Resources. The session will contain individual presentations and panel supported discussion.  Speakers to include: <b>Amanda Hopkins</b> , African Virtual University, Kenya <i>Supporting Teachers to Achieve Education for All: An Update on the TESSA OER Portal</i>	<b>Dr. Clayton R. Wright</b> , Canada <i>Adapting Educational Materials for eLearning</i> <b>Thushani Weerasinghe</b> , University of Colombo School of Computing, Sri Lanka <i>Analysis and Development of Curriculum to Build the Foundation for eLearning Courses</i> <b>Prof. Dr. Takashi Sakamoto</b> , Japan Association for Promotion of Educational Technology, Japan <i>eLearning in Higher Education in Asia: Advanced Cases</i> <b>Prof. Roberto Vicente</b> , Central University "Marta Abreu" of Las Villas, Cuba <i>Training of University Professors in the Use of ICT in Education: Comments of a Cuban Experience</i>	<b>Sheryl Beverley Buckley</b> , University of Johannesburg, South Africa <i>A Semester of Joy or Turmoil: Edulink (WebCT) the Culprit</i> <b>Dr. Moses Atezah Mbangwana</b> , University of Yaounde I, Cameroon <i>The Use of Yahoo Groups for Teaching and Research</i> <b>Prof. Otto Mbambe Ikome</b> , Téléq-University of Quebec, Canada <i>Bimodal Course Offering: Expanding the Traditional University Using ICT-Based Distance Learning</i> <b>Constantino Sotomane</b> , Mozambique Information and Communication Technology Institute, Mozambique <i>Piloting eLearning Courses - the MICTI Initiative</i>	During this session, HP will demonstrate how effective education can be implemented with the help of most recent technologies like Virtual rooms, Virtual Labs, Portals, learning nuggets and how a process oriented and strategic education approach will support and foster the learning experience by understanding how, for example, Management of Change (MoC) and Skill Gap Analysis (SGA) will contribute to the education success.  Speakers will include: <b>Ludovic Mondongou</b> , HP - Education Services Central & Eastern Europe, Middle East & Africa <b>Suryajyoti Neogi</b> , HP Education Services, Switzerland	<b>Samuel Chikasha</b> , University of Harare, Zimbabwe <i>Taking Part in International Virtually Supported PhD Programmes: A Personal Experience</i> <b>Dr. Niall Winters</b> , Institute of Education, University of London, UK <i>Development Ideologies of the One Laptop Per Child (OLPC) Programme</i> <b>Prof. Rosamund Sutherland</b> , University of Bristol, UK <i>KalAfrica: A Community for Researchers in Technology Enhanced Learning (TEL)</i> <b>Paul Held</b> , FIM-NewLearning, University of Erlangen-Nuremberg, Germany <i>Research in eLearning: Asking the Right Questions?</i>

Track	LIB36 Tsavo Room	OPE37 Bougainville Room	UNI38 Amboseli Room	COP39 Mount Kenya D Room	SCH40 Samburu Room	AFR41 Ivory Room	COP42 Mount Kenya A/B Room
Theme	<b>Libraries as Access Providers to Digital Resources and Distributed Expertise</b>	<b>Open Source, Open Content and eLearning</b>	<b>Unleashing the Capabilities of Universities through Information and Communication Technologies</b>	<b>eLearning in Development Cooperation</b>	<b>Introducing eLearning to the School System</b>	<b>African Showcase</b>	<b>eLearning in Development Cooperation</b>
Session title	New Roles and Challenges for Librarians and Libraries	Building a Sustainable Open Source Approach	Teaching Challenges Part II	UNESCO's Role in Supporting Effective Use of ICTs	Building Effective Partnerships for African Schools	Enhancing Learning with the Support of Technology	Building a Better Future in Africa: Partnerships for Development and Distance Education
Description	Traditional libraries have been seriously challenged with an overwhelming and dynamic set of tools and web-based sources of information. There are important experiences and lessons from African libraries and librarians that show how this threat can be used as an opportunity to redefine their role as a key support service to high quality online learning provision.	Are open source and open content compatible with business and profit? If so, how could these two approaches be conciliated? If not, which are the possible scenarios ahead? This discussion session will explore some of the issues associated with building a sustainable open source approach to online learning in Africa.	The adoption of eLearning within universities poses a difficult challenge to lecturers: new teaching styles must be developed to adjust to the new tools and environment. Among African universities there are several valuable experiences showing how this could be done in a creative and successful way. This session, a continuation of the previous one (UNI33), aims to show and compare several of these.	In this session, UNESCO staff will introduce and discuss a number of factors, which it believes are decisive for effective use of ICTs within the educational system. The UNESCO mandate in relation to ICTs will be highlighted and the roles of the Headquarters, Institutes and Field Offices in achieving that mandate described.	This presentation and discussion session will feature examples of operational partnerships in African schools and will explore best practice in making such partnerships work. It will highlight the advantages of collaboration and the ways in which complementary skills, resources and experiences can be brought together to put in place effective ICT supported strategies for African schools.	This African Showcase session will highlight the way in which African organisations are utilising technology to support scarce educational and other resources. It will highlight not only the successes but also the challenges faced in introducing ICT supported learning into the African setting.	This special focus session organised by the Global Development Learning Network (GDLN) will feature interviews and a discussion about GDLN as a global network with a special focus on Africa GDLN and AADLC. The discussion will cover objectives, methods and opportunities to use GDLN in Africa to support eLearning as well as location and setting, impact, statistics and perspectives in Africa, partnerships and a great deal more. It will also focus on successful experiences going on within the GDLN in Africa and worldwide.
Chairperson	<b>Charles Laba</b> , GDS Africa, Ghana	<b>Andrew Law</b> , BBC Worldwide Ltd., UK	<b>Dr. Elijah I. Omwenga</b> , University of Nairobi, Kenya	<b>Dr. Caroline Pontefract</b> , UNESCO, France	<b>Prof. Crispus Kiamba</b> , Ministry of Science and Technology, Kenya	<b>Alex Lindsay</b> , Pixel Corps., USA	<b>Mathy Vanbuel</b> , ATIT, Belgium
Content	<p><b>Motonobu Kasajima</b>, APEFE, Congo (DRC) <i>Le CEDESURK, une Bibliothèque Interuniversitaire au Cœur du Réseau des Universités de la RDC</i></p> <p><b>Anna Stockman</b>, Blekinge Institute of Technology <i>E-Journals in Real Life, Experiences from the National University of Rwanda</i></p> <p><b>Joanne Arendse &amp; Pieter du Plessis</b>, Stellenbosch University Library and Information Services, South Africa <i>Challenging Times: Information Literacy, Librarian/Lecturer Partnerships and eLearning</i></p> <p><b>Agnes Akuvi Adjabeng</b>, Environmental Protection Agency, Ghana <i>Access Provider to Environmental Information: a Case Study of the Ghana Environmental Protection Agency Library</i></p>	<p>This session will feature a discussion on the realities and practicalities of adopting an Open Source Approach when putting learning online.</p> <p>Panelists will include: <b>Nicholas Kimolo</b>, Futuristic, Kenya</p> <p><b>John Matogo</b>, Strathmore University, Kenya</p> <p><b>Kafui A. Prebbie</b>, University of Education, Winneba, Ghana</p>	<p><b>Dr. Sheba Gitta Nakacubo</b>, Makerere University, Uganda <i>Use of ICTs in University Education: The Experience of Makerere University Institute of Public Health</i></p> <p><b>Vitalis Ndume</b>, Dar es Salaam Institute of Technology, Tanzania <i>Introducing eLearning into Higher Learning Institutions in Third World Countries: Case Study of Tanzania</i></p> <p><b>Dr. Sónia Sousa</b>, Universidade Jean Piaget de Cabo Verde, Cape Verde <i>A Virtual Learning Environment in Cape Verde</i></p>	<p>The session will focus on the support being provided to teachers through the UNESCO Teacher Training Initiative for Sub-Saharan Africa (TTISSA), and through the past and current work of the International Institute for Capacity Building (IICBA) in Africa. The relevance of lessons learned in other regions, namely Asia, for the African context will be considered and examples given.</p> <p>Panelists will include: <b>Dr. Temehegn Engida</b>, IICBA, UNESCO, Ethiopia</p>	<p><b>Peter Hamilton</b>, Intel IT Innovation, Ireland <i>Intel World Ahead Education Initiative - Connecting the Next 1 Billion Users</i></p> <p><b>Claude Lüttgens</b>, HP Education Services, France <i>ICT in Schools: from a Strategic Vision to an Operational Approach</i></p> <p><b>Dr. Stefano Scotti</b>, Politecnico di Milano, Italy &amp; <b>Joseph Bashibirira</b>, Saint Paul Secondary School – Bukavu, Congo (DRC) <i>EDUAFRICA: a Learning Content Management System Supporting Distance Learning for Primary and Secondary Schools in African Countries</i></p> <p><b>Prof. Radu Jugureanu</b>, SIVECO Romania, Romania <i>The Romanian IT-Based Educational System - A Guarantee of a Better Future</i></p>	<p><b>Dr. Ontiretse Tau</b>, University of Botswana, Botswana <i>Design Issues for Online Conferencing in Distance Education in an African Context</i></p> <p><b>Dr. Paul Nosike Ekemezie</b>, University of Swaziland, Swaziland <i>Enhancement of Problem-Based Engineering Education through Computer Simulation</i></p> <p><b>Dr. Tunde Adegbola</b>, African Languages Technology Initiative, Nigeria <i>Widening the Literacy Space in Africa with Modern ICTs</i></p> <p><b>Michael Hartwig</b>, College of Technical and Vocational Education (CTVE), Botswana <i>Supporting Outcomes-based Education with Blended Portfolios</i></p>	<p>Speakers will include:</p> <p><b>Charles Senkondo</b>, GDLC, Tanzania</p> <p><b>Vivian Attah</b>, DLC GIMPA, Ghana</p> <p>Commentators:</p> <p><b>Mor Seck</b>, CED-SENEGAL-DLC, Senegal</p> <p><b>Han Fraeters</b>, World Bank Institute, USA</p> <p>Representative from GDLN China</p>

Track	LOC43 Tsavo Room	MED44 Amboseli Room	LIB45 Ivory Room	NET46 Bougainville Room	INC47 Mount Kenya D Room	SCH48 Samburu Room	RES49 Mount Kenya A/B Room
Theme	<b>Localisation, Customisation and Content Development</b>	<b>eLearning in Medical Education and the Fight against HIV and AIDS</b>	<b>Libraries as Access Providers to Digital Resources and Distributed Expertise</b>	<b>Networking Session</b>	<b>Promoting Inclusivity: eInclusion</b>	<b>Introducing eLearning to the School System</b>	<b>Research in eLearning</b>
Session title	Creating Content for African Learners	Enhancing African Capacity to Fight AIDS through eLearning	Upgrading Information Management to Enhance Teaching and Research	Generating Ideas and New Insights on Networking Challenges	Catching-up: Involving Challenged Citizens	Building Resources and Sharing Experiences in Teacher Training	Online Services to Support Researchers
Description	In order for eLearning to have a real impact in Africa, indigenous and sustainable educational content has to be created that takes into account Africa's rich cultural and linguistic diversity. Presentations in this session will feature experiences and practice that take the need for localisation and customisation into account in the creation of African online learning content.	The use of eLearning as a mass intervention tool against HIV and AIDS is on the increase throughout Africa. This presentation and discussion session will feature a number of leading initiatives and will highlight the role technology enhanced learning can play in fighting this pandemic.	The teaching styles and learning processes that evolve through the development of eLearning programmes pose new challenges to libraries. This session will offer examples on how libraries can play a key role to support both academics and practitioners in their provision of online learning opportunities to learners.	This discussion session will provide a platform for several African eLearning practitioners to express their opinion as to the role eLearning can play in development in different countries. It is essentially a networking session aimed at building partnerships and exchanging experiences.	eLearning is contributing positively to reduce the educational gap in Africa but major efforts need to be made to ensure that challenged individuals or those working in particular conditions are involved. This session will feature a rich set of cases and technologies oriented to promote access for all.	Building ICT capacity amongst working teachers and teachers in training is of paramount importance in Africa if African students are to play their part in the knowledge economy. This session will highlight experiences, resources and best practices that can be shared and discussed amongst those taking part.	How can online services facilitate researchers generally? What is the best way to support a virtual research community? This session will feature examples of best practice and experiences that can be shared by researchers as to how online services can best be used in scientific research.
Chairperson	<b>Mor Seck</b> , CED-SENEGAL-DLC, Senegal	<b>Dr. Harold Elletson</b> , New Security Foundation, Belgium	<b>Florence Etta</b> , Africa Gender and Development Evaluators Network, Kenya	<b>Karel Novotný</b> , Association for Progressive Communications (APC), Czech Republic	<b>Jean-Claude Adzalla</b> , Deaf Aid, Kenya	<b>Paolo Brunello</b> , WITAR, Burundi	<b>Oscar Olima</b> , Maseno University, Kenya
Content	<p><b>Dr. Aline Germain-Rutherford</b>, University of Ottawa, Canada <i>Le Concept de Multiculturalité dans la Conception de Cours en Ligne: un Projet Canadien-African-Européen</i></p> <p><b>Adejare Atanda Amoo</b>, CorporateMind Associates Nigeria Ltd., Nigeria <i>Local Content Development as a Major Challenge to E-Education Development in Africa: The Nigeria Experience</i></p> <p><b>Raymond Tsongorera</b>, University of Zimbabwe, Zimbabwe <i>Quality and Accurate Home Grown Content Development: Automation of IT Education at University of Zimbabwe</i></p> <p><b>Fredrick Ngumbuke</b>, Tumaini University, Tanzania &amp; <b>Marcus David Duveskog</b>, University of Joensuu, Finland <i>Goals of Academic ICT Education: Degree (Boss) Production or Beneficial (Unpredicted) Spin-Offs</i></p>	<p><b>Mark van der Merwe</b>, CompuTainer Pty Ltd., South Africa <i>Combating HIV in Africa Using eLearning and Other Technology</i></p> <p><b>Pomme van Warmerdam</b>, HealthFoundation, The Netherlands <i>HIVEducation a Combination of Computer-based Learning and on Site Workshops for Teams of Healthcare Workers</i></p> <p><b>Juliet Stoltenkamp &amp; Carolynne Kies</b>, University of the Western Cape, South Africa <i>"Teaching and the AIDS Pandemic" - Inspiring African Teacher Educators through eLearning. Insights from a Regional Online-Training</i></p> <p><b>Lori Waters</b>, Waters Biomedical Communications, Canada <i>Seeing Science: Creating Scientific 3D Visualizations to Increase Understanding of HIV Infection</i></p>	<p><b>Ely Amani Gamukama</b>, Stockholm University, Sweden <i>Issues and Challenges of ICT Integration in Academic Library Functions: Makerere University's Experience</i></p> <p><b>Hettie Groenewald</b>, University of Pretoria, South Africa <i>Capturing and Harvesting our Heritage on the World Wide Web</i></p> <p><b>Albert Arko-Cobbah</b>, University of the Free State, South Africa <i>ICT and Flexible Learning: Challenges Facing Libraries of the Historically Black Institutions of South Africa</i></p>	<p>This session will consist of an interactive peer assist activity where participants will be invited to share their ideas and insights on challenges and opportunities related to nurturing new and supporting existing networks of training practitioners. During the session you will:</p> <ul style="list-style-type: none"> <li>- Get a sense of common challenges and opportunities faced by initiatives seeking to network training practitioners</li> <li>- Be invited to share your experiences and how they can contribute to addressing concrete challenges faced by networking initiatives</li> <li>- Learn about new and existing networking initiatives such as those built around the ItrainOnline Partnership - a network formed around a portal on ICT4D training resources.</li> </ul> <p>Session led by the <b>ItrainOnline Partnership</b> and hosted by APC, Bellanet and IICD (The session is a follow-up to the NET16 session)</p> <p>Panelist: <b>Clare Sempebwa</b>, iTrain, Uganda</p> <p><b>Ken Kubuga</b>, iTrain, Ghana</p> <p><b>Abubaker Basajjabaka</b>, Bellanet Africa, Uganda</p>	<p><b>Prof. Babatunde Ipaye &amp; Dr. Phillip Atere</b>, National Open University of Nigeria, Nigeria <i>eLearning and eInclusion: The Learner Support Dimension</i></p> <p><b>Martin G. Krippner</b>, bit media e-Learning solution GmbH, Austria <i>ICDL Barrier-Free – A Project for the Handicapped</i></p> <p><b>Norman Wagstaffe</b>, University of Strathclyde, UK <i>"Making Wonders" - Enhancing the Education of Blind and Low Vision Learners in Malawi</i></p> <p><b>Kevin Warnke</b>, Deaf Aid, Kenya <i>Learn KSL: Interactive Kenya Sign Language Learning</i></p>	<p><b>Prof. Fernando Ramos</b> University of Aveiro, Portugal <i>Blended Learning and Technology Model for Teacher Training in Cape Verde</i></p> <p><b>Dr. Baldev Singh</b>, Imagine Education Ltd., UK &amp; <b>Virginia Njogu</b>, Mukuru Kayaba, Kenya <i>ICT Integration in Teaching and Learning: Getting it right!</i></p> <p><b>Dr. Elijah I. Omwenga</b>, University of Nairobi &amp; <b>Petronila Muriithi</b>, Jomo Kenyatta University of Agriculture and Technology, Kenya <i>Pedagogical Issues and eLearning Cases: Integrating ICTs into Teaching and Learning Process</i></p> <p><b>Claire Janet Englund</b>, Umeå University, Sweden <i>eLene: Both an eLearning Network and Teaching &amp; Learning Resource Centre</i></p> <p><b>James Kiarie Ngugi</b>, Ministry of Education, Science and Technology, Kenya <i>The Influence of Teachers' Cognitive eLearning Readiness in the Adoption of Computer Use in Schools</i></p>	<p><b>Elisabeth Groenendijk</b>, ITC, The Netherlands <i>E-Supervision: Experiences with MSc Supervision on a Distance Using Online Communication Tools</i></p> <p><b>Parin Kurji</b>, University of Nairobi, Kenya <i>Research Induction Blended Learning Event: Contextual Follow-up Discussion Portal Creation</i></p> <p><b>Victor Kyalo</b>, UbuntuNet Alliance, Malawi <i>Supporting Research Communities through Reliable Affordable Bandwidth: UbuntuNet Alliance</i></p>

**Closing Plenary**  
**Jambo Ballroom**

This closing plenary will feature presentations from senior government representatives from a number of African nations along with other key stakeholder representatives in what promises to be a lively and interactive closing session.

Chairperson: **Hon. Prof. George Saitoti**, Minister for Education, Kenya

Presenters:

- **Hon. Mutahi Kagwe**, Minister for Information and Communication, Kenya
- **Dr. Kenneth E. Keirstead**, The Lyceum Group/Le Groupe Lyceum, Fredericton, Canada & Conakry, Guinea  
*Impediments to Development in Africa: Real or Perceived?*
- **Charles Laba**, GDS Africa, Ghana  
*Is eLearning Succeeding In Africa?*
- **Anju Visen-Singh**, SMART Technologies Inc., Canada  
*21st Century Teaching and Learning*

As part of eLearning Africa, we are organising the **African eLearning Tools and Services Village**, where you can see a whole variety of different kinds of tools and services that have been developed for use by African learners. This includes Open Source learning environments, tools for supporting online collaborative learning, content and technology services. Each of the demonstration sessions lasts for 5 hours which provides you with ample opportunity to meet those people responsible for designing and promoting the tools and services shown. Informal and ad hoc demonstration sessions will be organised on each of the demonstration spots, which colour coded to make it easier for you to find your way around

## Demonstrations take place in the Bogoria Room

### Tuesday 09:00 – 14:00

DEM01	DEM02	DEM03	DEM04
<b>Dr. Eduard Vinyamata Camp</b> , Campus for Peace and Solidarity - UOC, Spain <i>Campus for Peace and Solidarity: Virtual Educational Resources for Development and Cooperation</i>	<b>Olufemi Akintunde Ogunkeye</b> , Mental Resourcefulness Team (MRT) Ventures, Nigeria <i>On-line and CD Computer Aided Courseware for Engineering, Building and Construction Design, Routine Maintenance, Cost &amp; Overall Project Management</i>	<b>Chris Peat</b> , Axia Interactive Media, UK & <b>Nomathemba Sithole</b> , Sisa Consulting, South Africa <i>Department of Health Kwa ZuluNatal On-line Learning Resource for Nurses</i>	<b>Zipani Tom Sinkala</b> , IPEMBO CAMPUS, Zambia <i>How to Set Up an Open Source eLearning Platform in 15 Minutes</i>

### Tuesday 14:00 – 19:00

DEM05	DEM06	DEM07	DEM08
<b>Alexander Weir</b> , cd3wd.com, Zimbabwe <i>cd3wd - Free High-Quality Offline and Online Technical Development Information for the 3rd World</i>	<b>Paul Gray &amp; Geoff Prior</b> , es-net, UK <i>The Building Blocks for a Successful eLearning Implementation</i>	<b>Dr. Paula Antoinette Charbonneau-Gowdy</b> , Government of Canada, Canada <i>Connecting Multi-Site Communities of Learners Online Using Low-Cost Videoconferencing</i>	<b>Daniel Stern</b> , UConnect, Uganda <i>INK: Affordable Computing for Everyone</i>

### Wednesday 09:00 – 14:00

DEM09	DEM10	DEM11	DEM12
<b>Dr. Sarma Cakula</b> , Vidzeme University College, Latvia & <b>Armands Strazds</b> , Riga Technical University, Latvia <i>Innovative eLearning in Latvia</i>	<b>Daniel Makini Getuno</b> , Kenya Technical Teachers' College, Kenya <i>Bipolar Junction Transistors: An eLearning Instructional Module in Electronics</i>	<b>Dr. Muriyankulangara Ananthkrishnan</b> , Indian Institute of Technology, India <i>MEET: Marshalling Education through the Environment using Information Technology</i>	<b>Pomme van Warmerdam</b> , HealtheFoundation, The Netherlands <i>HIVeDucation: An eLearning Program on HIV/AIDS That Works Online and Offline</i>

### Wednesday 14:00 – 19:00

DEM13	DEM14	DEM15	DEM16
<b>Brian Russel Davis</b> , Video Biscuit, USA <i>Video Biscuit is a Non Linear "Render Free" Online Video/Rich Media Editor</i>	<b>Pepijn Kalis</b> , Radio Netherlands Training Centre (RNTC), The Netherlands <i>RNTC's Online Learning Environment (OLE)</i>	<b>Joan Vogelesang</b> , Toon Boom Animation Inc. Canada <i>The Tools to Build a New Wave of Animation in Africa</i>	<b>Piotr Mróz</b> , Young Digital Planet S.A., Poland <i>SCHOLARIS - Internet Centre of Educational Resources</i>