2nd 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
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
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
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 Mbwaya, 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*
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 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 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.
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.

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.

This session will feature several different approaches to the design and delivery of online learning put forward by practitioners from around the globe. These presentations will underline a discussion on how best to overcome access challenges in developing countries.

This 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 about 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.

In this session, specific attention will be given to the role of low cost innovative technologies in supporting education and learning in Africa. The presentations will underline a discussion on how best to overcome access challenges in developing countries.

This situation led to the establishment of a framework with the following objectives:

- To provide a base for the establishment of an Africa-Europe eLearning Network;
- To support projects and initiatives with a clear focus on the African context;
- To facilitate the exchange of relevant experiences and services amongst European and African institutions and organisations;
- To support projects and initiatives that can contribute to the development of capacity building and infrastructures in African Higher Education institutions;
- To contribute to the European Commission’s policies on the use of ICT for development and education.

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<td>Approaches to Quality Assurance in eLearning Programmes</td>
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<td>Description</td>
<td>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.</td>
<td>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 ‘Network Training Practitioners: What are the issues and ideas?’</td>
<td>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.</td>
<td>Examples of coursework 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.</td>
<td>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 used 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.</td>
<td>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.</td>
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**Chairperson**
- Prof. Josphus Anamah-Mensah, University of Education, Winneba, Ghana
- Clare Sempebwa, iTrain, Uganda
- Leopold Reif, Hoffmann & Reif Consultants, Germany
- Prof. Innocente Mutumucio, Eduardo Mondlane University, Mozambique
- Sebastion Hoffmann, Hoffmann & Reif Consultants, Germany
- Adejare Atanda Amoo, CorporateMind Associates Nigeria Ltd., Nigeria
- Hital Muraj, Cisco Systems, Cisco Networking Academy Program, Kenya

**Content**
- Euphrath Mumthoni Masinde, University of Nairobi, Kenya - Ensuring Quality eLearning Programmes in Transnational Education in Africa - A Systems Thinking Approach
- Dr. Yoshiko Goda, Aoyama Gakuin University, Japan - Development and Practice of a Sustainable Project to Cultivate eLearning Professionals Assuring Quality Education in Japan
- You are invited to take part in a participatory session to explore the theme of ‘Network 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...
- How do we create the conditions for practitioners to work together and reach each other more effectively?
- What kind of support is needed by existing networks whether local, regional or national?
- How can we learn from other initiatives that support existing networks of trainers?
- …and, to be prepared to engage in collective intelligence through conversations on questions that matter.
- Discussion session to include the input for panellists from Partnership Opportunities Part I and session participants.
- Ken Reimer, University of New Brunswick, Canada - eLearning Objects for Engineering Education
- Ass. Prof. Cristina Carbonell, University of Santo Tomas, Philippines - Enchanting eLearning: Get to Believe in Magic?
- Tiana van der Merwe, University of the Free State, South Africa - Online Skills Development for the 21st Century
- Svein Tønningås, ITU/BDT/AFR, Zimbabwe - Human Capacity Building - the ITU Approach
- Guilaine Thébault, Centre d’Etude d’Afrique Noire (CEAN), Senegal - Open Source and Open Content: Possibilities for eLearning? Case Studies of the AUF and the ARO in Senegal
- Gerald Rwagasana, National University of Rwanda, Rwanda - How Open Educational Resources can Contribute in Improving Physics Teaching at the University’s Undergraduate Level
- Stephen Marquard, University of Cape Town, South Africa - Informal Student Use of eLearning Environments: A Case Study of Student Use of Sakai
- Roelien Brink, University of Johannesburg, South Africa - Online Quality Assessment
- Luefile Nthaga, Botswana College of Agriculture, Botswana - Testing in the Online Environment: Issues to be Addressed in order to Make Online Testing Reliable
- Mike Mhlolo, University of Witwatersrand, South Africa - ICT - The Role it Plays in Communicating Data to Do with Effective Teaching and Quality Education
- Karen Deller & Felicity Boyers, Prior Learning Centre, South Africa - Recognition of Prior Learning (RPL) Using Electronic Portfolio of Evidence Assessment

**Speakers in this session will include:**
- Markus Schwertel, Cisco Systems, Cisco Networking Academy Program, Germany
- Cisco Networking Academy Program: 10-Year Fact Facts
- This presentation will be followed by a discussion including one of the students of the Cisco Networking Academy Program, Ernest Wambari, Dimension Data, Kenya
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 Ntiru, 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
The business sector has also enabled a rich discussion about the role to be played by private firms in the development of eLearning on the African continent. 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.

This presentation and discussion session will highlight concrete examples of ICT take-up in African schools. It will focus on the challenges faced in 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 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 to reflect on the challenges facing Higher Education institutions in their take-up of ICTs.

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.

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:

- **Daniela Gachago & Paolo Brunello, The Burundi Project: Sewing the Digital Divide through by Empowering Teachers**
  - London, UK & University of Technology, South Africa

- **Eunice Eyitayo Olakanmi, Integration of Web Based Learning Environment into the Nigerian Senior Secondary School National Chemistry Curriculum**
  - University of Lagos, Nigeria

- **Edmond Were, In the Palm of Your Hand: Supporting Rural Teacher Professional Development and Practice through the Use of Mobile Phones and Other Handheld Digital Devices**
  - University of Nairobi, Kenya

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**
Dr. Bitange Ndemo, Ministry of Information and Communication, Kenya

**Content**
- **Edwin Idu, University of Agriculture, Nigeria**
  - Integrating Cyber Extension in Agricultural Research and Development: A Model for Universities of Agriculture

- **Frank van Cappelle, International Institute for Educational Planning (UNESCO), France**
  - eLearning for Capacity Building in Development Cooperation: The Case of SACNEQ

- **Dr. Liberat Ntibashirakandi, Université Libre de Bruxelles, Belgium**
  - Facteurs de Succès de l’Enseignement à Distance en Coopération

- **Prof. Mona-Lisa Dahms, Aalborg University, Denmark**
  - eLearning in Rural Africa - Fact or Fiction? On Education and the Internet in Rural Africa

- **Hon. John C. Alintuma Nsambo, Cabinet and Ministry of Information and Communications Technology, Uganda**
  - Appropriate ICTs for Africa as a driving force for eLearning: the Solar/Battery-Powered Computer

- **Daniel Stern, UConnect, Tel Aviv, Israel**
  - Provide Internet, and They Will Learn How to Use It

- **Barbara Lukaszewicz, Canada School of Public Service, Canada**
  - From Zero to 250,000 Online Learners: The Story of Campuswide (eLearning and Blended Learning) in the Canadian Government

- **Kemi Ogunisa, University of Ilorin, Nigeria**
  - Challenges to the Adoption of eLearning Technologies in the Nigeria Public Sector

- **Abraham Ephraim Fuks, International Bureau of Fiscal Documentation (IBFD), The Netherlands**
  - eLearning for African Revenue Services

- **Marios Chatzidimitriou, ALTEC S.A., Greece**
  - Implementing Low-Cost e-Learning Solutions in Europe, in Africa, all over the Globe: Report on Experiences

- **Jon Gregson, Imperial College London, UK & Dolf Jordaan, University of Pretoria, South Africa**
  - Designing Courses for Distance Learners in Africa that Make Good Use of Mobile Phone Capabilities

- **John Tzader, University of Wolverhampton, UK**
  - Mobile Educational Messaging: Scaling-Up and Sustaining

- **James Sankale, Ministry of State for Youth Affairs, Kenya**
  - At the Palm of Your Hand: Supporting Rural Teacher Professional Development and Practice through the Use of Mobile Phones and Other Handheld Digital Devices

- **George Matovu, Municipal Development Partnership, Zimbabwe & Development Solutions, World Bank Institute, USA**
  - Creating Waves through Digital Radios: An African Success Story

- **Ednah Karamagi, BROSGLO, Busoga Rural Open Source and Development Initiative, Uganda**
  - Use of Mobile Systems for Enabled Rural Development

- **Dr. Adel Besrour, Nokia Siemens Networks, Tunisia**
  - Mobile Learning in the African Context

- **Dr. Juma Okech, Directorate of e-Governance, Office of the President, Kenya**
  - African Showcase

- **Dr. Herman J. Van Der Merwe, Tswane University of Technology, South Africa**
  - Creating Online Learning Opportunities in Africa

- **Mark Matunga, Microsoft, Kenya**
  - Alternatives and Roles for Micro Entrepreneurs, SMEs and Large Corporations

- **Tsavo Room**
  - World Bank, Kenya
  - Role of eLearning in Developing Human Capital: the Corporate Experience

- **Mount Kenya A/B Room**
  - Assessing the Effectiveness of the CAD eLearning Certificate at the University of Botswana

- **Amboseli Room**
  - Dr. Joseph Kiplagat, Masinde Muliro University of Science and Technology, Kenya
  - The Role of ICT in University Growth: Case of Masinde Muliro University in Kakamega Kenya

- **Bougainville Room**
  - Motsi Stephanah Mada & Silongile Simonelo, Tshwane University of Technology, South Africa
  - Integration of Web Based Learning Environment into the Nigerian Senior Secondary School National Chemistry Curriculum

- **Boulevard Room**
  - Edmond Were, Kigali Institute of Education, Rwanda
  - Case Study of School Net Project in Ethiopia

- **Ivory Room**
  - Fatma Bashir, Cyber School Technology Solutions Ltd., Kenya & Dr. Christian Gronlund, Cyber School Technology Solutions Ltd., Uganda
  - From Zero to 250,000 Online Learners: The Story of Campuswide (eLearning and Blended Learning) in the Canadian Government

- **Corona Room**
  - Dr. Martina A. Roth, Intel Education, Europe, Middle East and Africa
  - The Effective Use of Technology in African Schools

- **Mount Kenya D Room**
  - Dr. Oluwayemisi Obashoro-John, University of Lagos, Nigeria
  - Developing eLearning Programs and Tools in Nigeria for Effective Teaching and Learning with National and Institutional Policy Frameworks: The Case of Kenyatta University

- **Rev. Emmanuel Kingsley Dadebo, Cisco Technologies, South Africa**
  - The Role of ICT in University Growth: Case of Masinde Muliro University in Kakamega Kenya

- **Mount Kenya D Room**
  - Christian Gronlund, Cyber School Technology Solutions Ltd., Uganda
  - From Zero to 250,000 Online Learners: The Story of Campuswide (eLearning and Blended Learning) in the Canadian Government
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. 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. The adoption of eLearning within universities poses a difficult challenge to lecturers: new teaching styles must be developed to adjust to the new tools ... showing how this could be done in a creative and successful way. This session aims to show and compare several of these.

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.

**Chairperson**

Shola Aboderin, Business & Educational Technology Associates, USA

**Jiaying Zhang**, World Bank, Japan

**Prof. Bob Moon**, Open University, UK

**Ron Kim**, World Bank Institute, USA

**Dan Nijjeri**, Tacram College & Network of Computer Initiatives in Education (N.I.C.E.), Kenya

**Joseph B. Kibu**, HP Education Services, HP East Africa

**Dr. Nicolas Balacheff**, Centre National de la Recherche Scientifique, France

**Content**

**Roberto Gauvin & Samuel Pelletier**, Centre d'apprentissage du Haut-Adirondack, Canada

**Comment Nous Avons Créé une Communauté d'Apprentissage à l'Ecole à l'Aide du Cybercarnet**

**Peterson Wang’ombe**, AOM FTT Afirrise, Kenya

**Introduction of eLearning Resources in Malaysian Smart Schools: A Blended Learning Strategy in Secondary Schools**

**Dr. Paola Masperi**, EuroTalk Ltd, UK

**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.**

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**Dr. Clayton R. Wright**, Canada

**Adapting Educational Materials for eLearning**

**Thushani Weerasekinghe**, University of Colombo School of Computing, Sri Lanka

**Analysis and Development of Curriculum to Build the Foundation for eLearning Courses**

**Prof. Dr. Takashi Sakamoto**, Japan

**Association for Promotion of Educational Technology, Japan: eLearning in Higher Education in Asia: Advanced Cases**

**Prof. Otto Mumba Bechome**, TéluQ University of Quebec, Canada

**Bimodal Course Offering: Expanding the Traditional University Using ICT-Based Distance Learning**

**Prof. Roberto Vicente**, Central University "Martha Abreu" of Las Villas, Cuba

**Training of University Professors in the Use of ICT in Education: Comments of a Cuban Experience**

**Sheryler Beverley Buckley**, University of Johannesburg, South Africa

**A Semester of Joy or Turmoil: EduLink (WebCT) the Culprit**

**Dr. Moses Atchaz Mbangwana**, University of Yaounde I, Cameroon

**The Use of Yahoo Groups for Teaching and Research**

**Prof. Otto Mumba Bechome**, TéluQ University of Quebec, Canada

**Bimodal Course Offering: Expanding the Traditional University Using ICT-Based Distance Learning**

**Prof. Constantino Sotome**, Mozambique Information and Communication Technology Institute, Mozambique

**Piloting eLearning Courses - the MICTI Initiative**

**Shang Li**, World Bank, China

**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 to access to global knowledge and experience.**

**Panelists:**

**Dr. Jun Han**, National Center for Education Technology Ministry of Education, China

**Chengfeng Zhou**, China Education Resources Inc., Canada

**Sheng Li**, 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 focused on Africa: the Teacher Education in Sub-Saharan Africa (TESSA) programme, (iii) explore the international policy context of funding for OER development with specific reference 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:**

**Amanda Hopkins**, University of Erlangen-Nuremberg, Germany

**Institut Supérieur de Sciences de la Communication et de la Médias, Morocco**

**Hewlett Foundation, (iv) consider the contentious issue of licences and intellectual property across the OER movement.**

**Sheryl Beverley Buckley**, University of Johannesburg, South Africa

**A Semester of Joy or Turmoil: EduLink (WebCT) the Culprit**

**Dr. Moses Atchaz Mbangwana**, University of Yaounde I, Cameroon

**The Use of Yahoo Groups for Teaching and Research**

**Prof. Otto Mumba Bechome**, TéluQ University of Quebec, Canada

**Bimodal Course Offering: Expanding the Traditional University Using ICT-Based Distance Learning**

**Prof. Constantino Sotome**, Mozambique Information and Communication Technology Institute, Mozambique

**Piloting eLearning Courses - the MICTI Initiative**

**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:**

**Ludovic Mondongou**, HP - Education Services

**Central & Eastern Europe, Middle East & Africa**

**Suryajyoti Neogi**, UNESCO

**Taking Part in International Virtually Supported PhD Programmes: A Personal Experience**

**Dr. Niaili Winters**, Institute of Education, University of London, UK

**Development Ideologies of the One Laptop Per Child (OLPC) Programme**

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**Taking Part in International Virtually Supported PhD Programmes: A Personal Experience**
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, ... and a great deal more. It will also focus on successful experiences going on within the GDLN in Africa and worldwide.

This African Showcase session will highlight the way in which African organisations are utilising technology to support scarce educational and other resources and experiences can be brought together to put in place effective ICT supported strategies for African schools.

14:00 – 15:30

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 | Libraries as Access Providers to Digital Resources and Distributed Expertise | Open Source, Open Content and eLearning | Unleashing the Capabilities of Universities through Information and Communication Technologies | eLearning in Development Cooperation | Introducing eLearning to the School System | African Showcase | eLearning in Development Cooperation
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 reconciled? 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.

Chairperson | Charles Laba, GDS Africa, Ghana | Andrew Law, BBC Worldwide Ltd., UK | Dr. Elijah I. Omwenga, University of Nairobi, Kenya | Dr. Caroline Pontefract, UNESCO, France | Prof. Crispus Kiamba, Ministry of Science and Technology, Kenya | Alex Lindsay, Pixel Corps., USA | Mathy Vanbuel, ATIT, Belgium

Content | Motonobu Kasajima, APEFE, Congo (DRC) | Le CEDESIURK, une Bibliothèque Interuniversitaire au Cœur du Réseau des Universités de la RDC | Anna Stockman, Blekinge Institute of Technology | E-Journals in Real Life, Experiences from the National University of Rwanda | Joanne Aréndice & Pieter du Plessis, Stellenbosch University Library and Information Services, South Africa | Challenging Times: Information Literacy, Librarian/Lecturer Partnerships and eLearning | Agnes Akusi Adjabeng, Environmental Protection Agency, Ghana | Access Provider to Environmental Information: a Case Study of the Ghana Environmental Protection Agency Library
| This session will feature a discussion on the realities and practicalities of adopting an Open Source Approach when putting learning online. Pannelists will include: Nicholas Kimolo, Futuristic, Kenya John Matogo, Strathmore University, Kenya Kafui A. Prebbie, University of Education, Winneba, Ghana Dr. Sheba Gitta Nakacubo, Makerere University, Uganda Use of ICTs in University Education: The Experience of Makerere University Institute of Public Health Vitalis Ndume, Dar es Salaam Institute of Technology, Tanzania Introducing eLearning into Higher Learning Institutions in Third World Countries: Case Study of Tanzania John Matogo, Strathmore University, Kenya Dr. Sónia Sousa, Universidade Jean Piaget de Cabo Verde, Cape Verde 4 Virtual Learning Environment in Cape Verde 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 (IICB) in Africa. The relevance of lessons learned in other regions, namely Asia, for the African context will be considered and examples given. Pannelists will include: Dr. Temecheng Engida, IIIBA, UNESCO, Ethiopia Peter Hamilton, Intel IT Innovation, Ireland Intel World Ahead Education Initiative - Connecting the Next 1 Billion Users Claude Lüttgens, HP Education Services, France ICT in Schools: from a Strategic Vision to an Operational Approach Dr. Stefano Scotti, Politecnico di Milano, Italy & Joseph Bashibire, Saint Paul Secondary School – Bukavu, Congo (DRC) EUA-AFRICA: a Learning Content Management System Supporting Distance Learning for Primary and Secondary Schools in African Countries Prof. Radu Jugaruru, SIVECO, Romania The Romanian IT-Based Educational System - A Guarantee of a Better Future

Speakers will include: Charles Senkondo, GDLN, Tanzania Vivian Attah, DCL GIMPA, Ghana Reporters: Mor Sek, CED-SENEGAL-DLC, Senegal Han Fraeters, World Bank Institute, USA Representative from GDLN China
Wednesday, May 30 2007 16:00 – 17:15

<table>
<thead>
<tr>
<th>Track</th>
<th>LOC43 Tusoro Room</th>
<th>MED44 Amboseli Room</th>
<th>LIB45 Ivory Room</th>
<th>NET46 Bougainville Room</th>
<th>INC47 Mount Kenya D Room</th>
<th>SCH48 Samburu Room</th>
<th>RES49 Mount Kenya A/B Room</th>
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<tbody>
<tr>
<td>Theme</td>
<td>Localisation, Customisation and Content Development</td>
<td>eLearning in Medical Education and the Fight against HIV and AIDS</td>
<td>Libraries as Access Providers to Digital Resources and Distributed Expertise</td>
<td>Networking Session</td>
<td>Promoting Inclusivity: eInclusion</td>
<td>Introducing eLearning to the School System</td>
<td>Research in eLearning</td>
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<tr>
<td>Session title</td>
<td>Creating Content for African Learners</td>
<td>Enhancing African Capacity to Fight AIDS through eLearning</td>
<td>Upgrading Information Management to Enhance Teaching and Research</td>
<td>Generating Ideas and New Insights on Networking Challenges</td>
<td>Catching-up: Involving Challenged Citizens</td>
<td>Building Resources and Sharing Experiences in Teacher Training</td>
<td>Online Services to Support Researchers</td>
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<tr>
<td>Description</td>
<td>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 practices that take the need for localisation and customisation into account in the creation of African online learning content.</td>
<td>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.</td>
<td>The teaching styles and learning processes that evolve through the development of eLearning programmes pose new challenges to libraries. This session will feature examples on how libraries can play a key role to support both academic and practitioners in their provision of online learning opportunities to learners.</td>
<td>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 counties. It is essentially a networking session aimed at building partnerships and exchanging experiences.</td>
<td>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.</td>
<td>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.</td>
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Chairperson | Mor Seck, CED-SENEGAL-DLC, Senegal | Dr. Harold Etelsson, New Security Evaluation Network, Kenya | Florence Etta, Africa Gender and Development Evaluators Network, Kenya | Karel Novotný, Association for Progressing Communications (APC), Czech Republic | Jean-Claude Adzalla, Deaf Aid, Kenya | Paolo Brunello, WITAR, Burundi | Oscar Olima, Maseno University, Kenya |

Content | Dr. Aline Germain-Rutherford, University of Ottawa, Canada | Dr. Aline Germain-Rutherford, University of Ottawa, Canada | Eddy Amani Gamukama, Stockholm University, Sweden | Elly Amani Gamukama, Stockholm University, Sweden | Eddy Amani Gamukama, Stockholm University, Sweden | Eddy Amani Gamukama, Stockholm University, Sweden |
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<td></td>
<td>Adejare Atanda Amoo, CorporateMinds Associates Nigeria Ltd., Nigeria</td>
<td>Raymond Tsongoara, University of Zimbabwe, Zimbabwe</td>
<td>Hettie Groenveld, University of Pretoria, South Africa</td>
<td>Hettie Groenveld, University of Pretoria, South Africa</td>
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<td>Frederick Ngubukwe, Turun University, Tanzania &amp; Marcus David Duveskog, University of Joensua, Finland</td>
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<td>Lori Waters, Waters Biomedical Communications, Canada</td>
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<td>Goals of Academic ICT Education: Degree (Bass) Production or Beneficia (Unpredicted) Spin-Offs</td>
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<td>Seeing Science: Creating Scientific 3D Visualizations to Increase Understanding of HIV Infection</td>
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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

<table>
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<tr>
<th>DEM01</th>
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<tr>
<td><strong>Dr. Eduard Vinyamata Camp</strong>, Campus for Peace and Solidarity - UOC, Spain</td>
<td>Oluwemiyi Akintunde Ogunkeye, Mental Resourcefulness Team (MRT) Ventures, Nigeria</td>
<td>Chris Peat, Asia Interactive Media, UK &amp; Nonathembwa Sithole, Sisa Consulting, South Africa</td>
<td>Ziani Tom Sinkala, IPEMBO CAMPUS, Zambia</td>
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### Tuesday 14:00 – 19:00

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<th>DEM05</th>
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<tr>
<td>cd3wd - Free High-Quality Offline and Online Technical Development Information for the 3rd World</td>
<td>The Building Blocks for a Successful eLearning Implementation</td>
<td>Connecting Multi-Site Communities of Learners Online Using Low-Cost Videoconferencing</td>
<td>RNC: Affordable Computing for Everyone</td>
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### Wednesday 09:00 – 14:00

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<th>DEM09</th>
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<th>DEM12</th>
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<tr>
<td><strong>Dr. Sarma Cakula</strong>, Vidzeme University College, Latvia &amp; Armands Strazds, Riga Technical University, Latvia</td>
<td>Daniel Makini Getuno, Kenya Technical Teachers’ College, Kenya</td>
<td><strong>Dr. Muriyankulangara Ananthakrishnan</strong>, Indian Institute of Technology, India</td>
<td><strong>Pomme van Warmerdam</strong>, HealthFoundation, The Netherlands</td>
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### Wednesday 14:00 – 19:00

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<th>DEM13</th>
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<tr>
<td><strong>Brian Russel Davis</strong>, Video Biscuit, USA</td>
<td>Popijin Kalis, Radio Netherlands Training Centre (RNTC), The Netherlands</td>
<td><strong>Jean Vogelese</strong>, Toon Boom Animation Inc. Canada</td>
<td><strong>Piotr Mróz</strong>, Young Digital Planet S.A., Poland</td>
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<tr>
<td>Video Biscuit is a Non Linear &quot;Render Free&quot; Online Video/Rich Media Editor</td>
<td>RNTC’s Online Learning Environment (OLE)</td>
<td>The Tools to Build a New Wave of Animation in Africa</td>
<td>SCHOLARIS Internet Centre of Educational Ressources</td>
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