eLearning Africa
Kigali, Rwanda
Sept 26→28, 2018
13th International Conference & Exhibition on ICT for Education, Training & Skills Development
## Provisional Programme eLearning Africa 2018

<table>
<thead>
<tr>
<th>Day 1</th>
<th>Day 2</th>
<th>Day 3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>The eLearning Africa Exhibition</strong>&lt;br&gt;International exhibitors showcasing the best products and services on the market</td>
<td><strong>Thursday Plenary</strong>&lt;br&gt;Parallel Sessions&lt;br&gt;Various formats including Panel Talks, Knowledge Exchange Sessions, Discovery Demos, Poster Presentations and more.</td>
<td><strong>Friday Plenary</strong>&lt;br&gt;Parallel Sessions&lt;br&gt;Expert Speakers in diverse Core Dialogues, Networking Meet-ups, Discovery Demos, Knowledge Factories and more.</td>
</tr>
<tr>
<td><strong>Opening Plenary</strong></td>
<td><strong>Participants’ Reception</strong></td>
<td><strong>Plenary Debate</strong></td>
</tr>
<tr>
<td><strong>Opening Reception</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Meeting the networking needs of the pan-African eLearning and distance education sector, the annual eLearning Africa conference is the key networking venue for practitioners and professionals from Africa and all over the world. The conference programme includes plenary sessions with world-class experts, smaller presentation and special focus sessions, practical demonstrations and debates on specific topics, as well as various informal networking opportunities in which practitioners share their experiences, ideas, new information and perspectives. For the latest details on the programme please check [http://www.elearning-africa.com/programme_programme.php](http://www.elearning-africa.com/programme_programme.php).
<table>
<thead>
<tr>
<th><strong>Wednesday, September 26, 2018</strong></th>
<th><strong>Thursday, September 27, 2018</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>MH03 &amp; MH04</td>
<td>MH03 &amp; MH04</td>
</tr>
<tr>
<td>18:00 - 19:30</td>
<td>09:30 - 11:00</td>
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<tr>
<td>PLENARY00</td>
<td>PLENARY01</td>
</tr>
</tbody>
</table>

### Opening Plenary - Uniting Africa: Learning Together, Growing Together

**Chairperson(s):**
- Novella Nikwigize,
  News Anchor, Rwanda Broadcasting Agency - Rwanda TV, Rwanda

**Speaker(s):**
- Roland Lindenthal,
  Head of the Division for Education, Federal Ministry for Economic Cooperation and Development (BMZ), Germany
- Elliott Masie,
  Founder & President, The MASIE Center, USA
- Dr Mamphela Ramphele,
  Reimagine SA, South Africa
- Hon. Dr Eugene Mutimura,
  Ministry of Education, Rwanda
- Guest of Honour,
  Rwanda

### Thursday Plenary - Knowledge and the Fourth Industrial Revolution

**Chairperson(s):**
- Ann-Therese Ndong-Jatta,
  Director of UNESCO Regional Office of Eastern Africa, UNESCO, Kenya

**Speaker(s):**
- Margot Brown,
  Director, Global Themes Knowledge Management, The World Bank, USA
- Roger Clark,
  Director of e-Learning Technologies, ApplianSys, UK
- Prof. Nii Narku Quaynor,
  Chairman, African Network Operators Group, Ghana
- Hon. Jean de Dieu Rurangirwa,
  Minister of Information Technology & Communications, Rwanda
How is Technology Driving Transformation in Universities?

**Chairperson(s):**
Ebenezer Malcalm,
Ghana Technology University College, Ghana

**Speaker(s):**
Mmabaledi Kefilwe Seeletso,
Botswana Open University, Botswana
Online Learning as a Catalyst for Change in Higher Education
Suleiman Adamu,
Sule Lamido University, Kafin Hausa, Jigawa State, Nigeria
The Role of AI in Adaptive eLearning Content Formation: Risks and Opportunities Involved
Galamoyo Phillime,
Institute of Development Management, Botswana, Botswana
Internet of Things: Major Breakthrough in Mobile and Technology in Higher Education. Botswana

Scaling Up ICT for Education, Capacity Development and Knowledge Dissemination

**Chairperson(s):**
Ebenezer Malcalm,
Ghana Technology University College, Ghana

**Speaker(s):**
Jacqueline Odula,
African Development Bank, Ivory Coast
Hendrina Doroba,
African Development Bank, Ivory Coast
Uyoyo Edosio,
African Development Bank, Ivory Coast
Foster Ofosu,
African Development Bank, Ivory Coast

Initiatives for Women Empowerment

**Chairperson(s):**
Alice Barlow-Zambodla,
e/Merge Africa Network, South Africa

**Speaker(s):**
Carolyne Ekyarisiima,
Apps and Girls, Tanzania
Technology: A Silver Lining for Women Empowerment
Bruno Oluka Sserunkuma,
Gayaza High School, Uganda
Engage and Teach Girls Computer Programming Through Technology Clubs
Rick Daniels,
Akilah Institute, Rwanda
The Akilah Academic Model: Building Pathways to the African Workforce
Mark West,
UNESCO, France
"I'd Blush if I Could": Why Bridging the Digital Gender Divide is so Urgent and Recommendations for Action from the EQUALS Skills Coalition
Kathy M. Kantengwa,
FAWE Rwanda Chapter, Rwanda
Strengthening Gender Equality in Education: How Rwanda is Promoting Girls in STEM

It Takes a Digital Village to Raise a Child for the Digital World

**Chairperson(s):**

**Speaker(s):**
Esko Lius,
Omnia. The Joint Authority of Education in Espoo Region, Finland
Satu Järvinen,
SkillSafari, Finland
Annu Johanna Jokela-Ylipiha,
Ekami Consulting, Finland
The Nexus Between L&D, Technology and Funding

How Modern Network Technologies are Enabling Low-Bandwidth Nations to Slash Connectivity Costs, Accelerating the Rollout of Connected Classrooms

The Effective Use of Online Courses for Teachers’ Continuous Professional Development: Mentorship Community of Practice

Transition from University to the Workplace: What Skills will Employers Demand?

Chairperson(s):
David Rurangirwa,
U.S. Agency for International Development, Rwanda

Jodi Lis,
IEEE IC Industry Consortium on Learning Engineering, US

Speaker(s):
Alejandro Caballero,
IFC, USA

Roger Clark,
ApplianSys, UK

Alphonse Uworwabayeho,
University of Rwanda College of Education, Rwanda

Nathalie Louise,
FHI 360, USA

Irénée Ndayambaje,
Rwanda Education Board, Rwanda

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Nathalie Louise,
FHI 360, USA

Irénée Ndayambaje,
Rwanda Education Board, Rwanda

Speaker(s):
Jean Marie Vianney Hitamungu,
Kepler, Rwanda

Teaching Critical Job Skills with Technology

Ebehi Ugberaese,
WAVE, Nigeria

"Show Me, Don’t Tell Me": How to Teach Soft Skills with Limited Time and Resources, At Scale

Segun Michael Orimoloye,
Adekunle Ajasin University, Nigeria

Framework for an Automated Location-based Industrial Training Placement Recommendation System-The Nigerian Experience

Jeff Matthews,
LinkedIn, Ireland

The Age of Industry 4.0 Will Lead to a Tremendous Change of Skills Needed - A Discussion on How Universities & Governments Can Leverage Labor Data to Reduce the Skill Gap
Reducing Costs and Health Worker Absenteeism Through eLearning at the Rwanda Ministry of Health

Chairperson(s):
Michelle Selinger,
EdTech Ventures, U

Speaker(s):
Andrew Muhire,
Ministry of Health, Rwanda

Valencia Lyle,
Ministry of Health, Rwanda

Emmanuel Ntawuyirusha,
Ministry of Health, Rwanda

The Academia Track

Skills Development Through Work-Based Learning

Chairperson(s):
Suresh Munbodh,
Ministry of Education and Human Resources, Tertiary Education and Scientific Research, Mauritius

Speaker(s):
Mathias Nduwingoma,
University of Rwanda- College of Education, Rwanda

Ruth Nsibirano,
Makerere University, Uganda

Understanding Students Awareness of and Perceptions about Distance Learning Delivered Course: The Case Of Makerere University

Mustapha Almasi Juakali,
Vrije Universiteit Brussel & Mzumbe University, Tanzania, Belgium

Investigating Instructors' Perspectives, Motivational Factors and Competence on the Use of eLearning Systems at Mzumbe University

Employability and Skills Development Through Work-Based Learning: The German Dual System of TVET

Speaker(s):
Peter Pfaffe,
imove, Germany

Speaker(s):
Nyombi Thembo,
Uganda Communications Commission (UCC), Uganda

Sustainability of Computer Labs in Educational Institutions: A Case Study of School ICT Labs in Uganda

John Thole,
Edunova, South Africa

Sustaining ICT in Schools Using a Youth Skills and Employment Model

Eligi Tairo,
TeachUNITED, Tanzania

TeachUNITED: School Accelerator Program to Transform Rural Schools

Chantal Uwiragiye,
Education Development Trust, Rwanda

Improving Learning Outcomes in English and Mathematics for Children in Rwanda
<table>
<thead>
<tr>
<th>Time</th>
<th>MH04</th>
<th>MH02</th>
<th>AD10</th>
<th>AD03</th>
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</thead>
<tbody>
<tr>
<td>14:30 - 15:45</td>
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<td></td>
<td>Discovery Demos</td>
<td>Inclusive Education for All</td>
<td>How can Educators use Mobile Phones to Improve Education?</td>
<td></td>
</tr>
</tbody>
</table>

**Strategies for ICTs Implementation in Universities**

**Chairperson(s):**

Edephonce Ngemera Nfuka, The Open University of Tanzania, Tanzania

**Speaker(s):**

Salha Mohammed Abdo,
Open University of Sudan, Sudan
Creating Opportunities: Integration of ICT and Education in Open University of Sudan

Andrew Crouch,
University of the Witwatersrand, Johannesburg, South Africa
Towards a Digital Transformation at the University of the Witwatersrand, Johannesburg, South Africa

Brian Ntambirweki,
Virtual University of Uganda, Uganda
The Impact of eLearning on Higher Education in Africa

Shuubi Alphonce Mutajwaa,
St John’s University of Tanzania, Tanzania
Critical Success Factors in Adopting eLearning in Higher Learning Institutions: A Case Study of St John’s University of Tanzania

**Discovery Demos**

**Chairperson(s):**

**Speaker(s):**

Gopala Krishna Naidu Pyndiah,
SPES, Mauritius
Free Kids Eco-Friendly Cyber Cafes

Petros Roumeliotis,
E.V.I.A, Greece
Intelligent Performance: Superstructuring for Superperformance

Addi Mavengere,
Educational Documentary Services Trust, Zimbabwe
The Impact of eLearning on Higher Education in Africa

Joel Olson,
The Wellspring Foundation for Education, Rwanda
Running the Last Mile: Digital eLearning Off-the-Grid

**Inclusive Education for All**

**Chairperson(s):**

Magda Berhe Johnson,
Swedish Program for ICT in Developing Regions (SPIDER), Sweden

**Speaker(s):**

Adewunmi Payne Akinhanmi,
Grange School Lagos, Nigeria
Extending and Consolidating Learning for the Child with SEN Using the Virtual Learning Environment

Gaudence Obondo,
Teachers Service Commission, Kenya
Effects of Hypermedia on Achievement in Geography for Hearing Impaired Learners Special Schools, Kenya

**How can Educators use Mobile Phones to Improve Education?**

**Chairperson(s):**

**Speaker(s):**

Muhammad Nasir Ishaq,
E-Hesc Technologies Nigeria Ltd, Nigeria
Can eLearning Improve Quality of Healthcare Education in Northern Nigeria?

Bonface Masaviru,
World Possible Kenya, Kenya
Connecting Offline Learners: How Technology is Bridging the Global Information Gap
<table>
<thead>
<tr>
<th>Time</th>
<th>Venue</th>
<th>Session Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:30 - 15:30</td>
<td>AD01</td>
<td><strong>The edTech Ecosystem in Africa</strong></td>
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<tr>
<td>14:30 - 15:30</td>
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<td><strong>Demand-Driven Education: Merging Work</strong></td>
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<tr>
<td>14:30 - 15:45</td>
<td>AD12</td>
<td><strong>Are Teachers Ready to Integrate ICTs in and Learning to Develop the Human Skills Their Teaching?</strong></td>
</tr>
<tr>
<td>14:30 - 15:45</td>
<td></td>
<td><strong>Is it Possible to use Technology to Train Soft Skills for the Workplace?</strong></td>
</tr>
</tbody>
</table>

**Chairperson(s):**
- Foster Ofosu, African Development Bank, Ivory Coast
- Michael Opiyoh, Maseno University, Kenya
- Ferhana Dostmohamed, FD Learning Consulting, Canada

**Speaker(s):**
- Doreen Nabaho, INJINI, South Africa
- Sally Nhlanhla, Pearson Africa, South Africa
- Paul Waibochi, CEMASTEA, Kenya
- Oyebimpe Oluwatoyin Adegoke, Mount Kenya University, Rwanda
- Daniel Mlambo, Opportunity Education Foundation, Tanzania
- Rebecca Harrison, African Management Initiative, Kenya
- Veronika Schaeffler, INASP, UK

**Presentations:**
- **EdTech Trends Across the Continent**
- **Enhancing Pedagogical Skills of Teachers Using ICT Integration in Secondary Schools in Kenya:** CEMASTEA Case Study
- **The Influence of ICT as a Tool of Instruction on Distance In-Service Teachers’ Classroom Practice**
- **How a “Skills-Forward” Approach Can Transform Learning in Africa**
- **Leveraging Technology & Peer Learning for a Scalable Soft Skills Training Model**
- **Blended Approach to Teaching Critical Thinking Skills: An African Example**
## The Use of Mobiles in the Health Sector

**Chairperson(s):**
- David Hollow, Jigsaw Consult, U

**Speaker(s):**
- Augustine Mwangi, University of Nairobi, Kenya
  - Mobile Learning Adoption: End User Characteristics and Learning Contexts - Lessons from Community Health Training Project, Kenya
- Winner Chawinga, Mzuzu University, Malawi
  - The Role of ICT in Rural Health Delivery in Malawi: Enablers and Barriers
- Jakita Thomas, Auburn University, USA
  - MTOTO-BEBE: Engaging Non-Literate Women in the Co-Design of a Mobile App for Pre- and Post-Natal Information

**Winner Chawinga, Mzuzu University, Malawi**
- The Use of ICT in Rural Health Delivery in Malawi: Enablers and Barriers

**Jakita Thomas, Auburn University, USA**
- MTOTO-BEBE: Engaging Non-Literate Women in the Co-Design of a Mobile App for Pre- and Post-Natal Information

## The Academia Track

**Chairperson(s):**
- Michelle Selinger, EdTech Ventures, U

**Speaker(s):**
- Mahid Abdulkarim, Unity High School, Sudan
  - The Use of ICT Among Secondary School Students in Sudan
- Prof. Christiaan Daniel Jacobs, University of Africa, Bayelsa State, Nigeria
  - Digital and Online Support of Amnesty Students at the University of Africa, Bayelsa State, Nigeria
- Kabudi Tumaini Mwendile, University of Dar es Salaam, Tanzania
  - A Study of Students’ Perceptions in a Blended Learning Environment at a Tanzanian Higher Education Institution

**Prof. Christiaan Daniel Jacobs, University of Africa, Bayelsa State, Nigeria**
- Digital and Online Support of Amnesty Students at the University of Africa, Bayelsa State, Nigeria

**Kabudi Tumaini Mwendile, University of Dar es Salaam, Tanzania**
- A Study of Students’ Perceptions in a Blended Learning Environment at a Tanzanian Higher Education Institution

## TVET Becomes Digital

**Chairperson(s):**
- Peter Pfaffe, iMove, German

**Speaker(s):**
  - Technology Led TVET System in Ethiopia
- Chris Serwaniko, Kyambogo University, Uganda
  - Emerging Potential of Vocational Pedagogy: Technologies to Support Vocational Education and Skills Development - The Case of Uganda
- Raymond Ndacyayisaba, IPRC-Tumba, Rwanda
  - Programming and Robotics Competition as a Tool to Enhance Students’ Learning Experience at TVET Institutions

**Abebaw Maemer Yesseraw, Ministry of Education, Federal TVET Agency, Ethiopia**
- Technology Led TVET System in Ethiopia

**Chris Serwaniko, Kyambogo University, Uganda**
- Emerging Potential of Vocational Pedagogy: Technologies to Support Vocational Education and Skills Development - The Case of Uganda

**Raymond Ndacyayisaba, IPRC-Tumba, Rwanda**
- Programming and Robotics Competition as a Tool to Enhance Students’ Learning Experience at TVET Institutions

## Methodologies for Skills Development in Schools

**Chairperson(s):**
- Alexandre Boin, Swisscontact, Rwanda

**Speaker(s):**
- Zo Andraina Ratsimbatoha, Lycée Français de Tamatave, Madagascar
  - Design of New Curriculum Based on a Dynamic and Multipolar Approach Including ICT
- Grace Olive Musingo Nabuduwa, Ngora Girls Secondary School, Uganda
  - Finding Solutions to Hunger Poverty and Inequality: (FSTHP) Project Opens Up Technology Use in the Classroom

**Zo Andraina Ratsimbatoha, Lycée Français de Tamatave, Madagascar**
- Design of New Curriculum Based on a Dynamic and Multipolar Approach Including ICT

**Grace Olive Musingo Nabuduwa, Ngora Girls Secondary School, Uganda**
- Finding Solutions to Hunger Poverty and Inequality: (FSTHP) Project Opens Up Technology Use in the Classroom
### Mobile Teaching and Learning in Universities

**Chairperson(s):**
Paul Muyinda,
Makerere University, Uganda

**Speaker(s):**
Thierry Karsenti,
University of Montreal, Canada

**Chairperson(s):**
Atish Gonsalves,
Humanitarian Leadership Academy, USA

**Speaker(s):**
Elroy Paulus,
TEKANO - Atlantic Fellows for Health Equity in South Africa, South Africa

**Chairperson(s):**
Alice Barlow-Zambodia,
e/Merge Africa Network, South Africa

**Speaker(s):**
Martina Amoth,
Avallain Foundation, Kenya

**Chairperson(s):**
Teresa Fuchs,
Cengage, Accelerate Learning with MindTap Mobile

### Networking for NGOs

**Chairperson(s):**
Barbara Moser-Mercer,
University of Geneva, InZone, Switzerland

**Speaker(s):**
Ntumba Tshilombo Innocent,
Université de Genève/InZone, Kenya

### Insights into Improving Education for Displaced Persons

**Chairperson(s):**
Tony Carr,
e/merge Africa and University of Cape Town, South Africa

**Speaker(s):**
Martina Amoth,
Avallain Foundation, Kenya

**Chairperson(s):**
Alice Barlow-Zambodia,
e/Merge Africa Network, South Africa

**Speaker(s):**
Olatunde Awobuluyi,
African Network Information Center (AFRINIC), Mauritius

**Speaker(s):**
Theoneste Uwayezu,
FONMAC, Rwanda

**Speaker(s):**
Susann Dattenberg-Doyle,
Right for Education, UK

### Creation of Interactive Learning Materials

**Chairperson(s):**
Jacques Labuschagne,
Managing Director of Catalyst IT Europe, UK

**Speaker(s):**
David Campbell,
Obihiro University of Agriculture and Veterinary Medicine, Japan

**Speaker(s):**
Alexander Kiptanui,
Swisscontact, Kenya

**Speaker(s):**
Miriam Ruiz,
Avallain Foundation, USA

**Speaker(s):**
Barbara Moser-Mercer,
University of Geneva, InZone, Switzerland

**Speaker(s):**
Ntumba Tshilombo Innocent,
Université de Genève/InZone, Kenya

**Speaker(s):**
Chrystina Russell,
Southern New Hampshire University, USA

**Speaker(s):**
Olahidah Ouma,
Southern New Hampshire University, USA

**Speaker(s):**
Brooke Azevedo,
Southern New Hampshire University’s Blended Learning Higher Education for All: Ensuring Technology-Based Achievement and Gender Inclusivity

**Speaker(s):**
Alexander Kiptanui,
Swisscontact, Kenya

**Speaker(s):**
Miriam Ruiz,
Avallain Foundation, USA

**Speaker(s):**
A Digital Intervention to Successfully Train Literacy and Numeracy for the Refugee and Host Communities in Kakuma

**Speaker(s):**
Jacques Labuschagne,
Managing Director of Catalyst IT Europe, UK

**Speaker(s):**
Global Frameworks for Local Learning
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chairperson(s)</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:30 - 17:45</td>
<td>Narrowing the Management Skills Gap in Wildlife Conservancies</td>
<td>Guy Pfeffermann, Management Sciences for Wildlife Conservancies, US</td>
<td>Paul Waibale, Management Sciences for Health, Uganda</td>
</tr>
<tr>
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<td>Tuning up the eLearning Strategy for the African Context - Mohammed VI Polytechnic University (UM6P) Case</td>
<td>Beatrice Okoth, Maseno University, Kenya</td>
<td>Rafiq El Alami, Mohammed VI Polytechnic University, Morocco</td>
</tr>
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<td>Best Practices in the Workplace</td>
<td></td>
<td>Julian Bbuye, Uganda Management Institute, Uganda</td>
</tr>
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**Narrowing the Management Skills Gap in Wildlife Conservancies**

Chairperson(s): Guy Pfeffermann, Management Sciences for Wildlife Conservancies, US

Speaker(s):
- Paul Waibale, Management Sciences for Health, Uganda
- Rebecca Harrison, African Management Initiative, Kenya
- Daniel Letoiye, Kenya Wildlife Conservancies Association, Kenya
- Edwin Sabuhoro, ALU School of Wildlife Conservation, Rwanda

**Tuning up the eLearning Strategy for the African Context - Mohammed VI Polytechnic University (UM6P) Case**

Chairperson(s): Beatrice Okoth, Maseno University, Kenya

Speaker(s):
- Rafiq El Alami, Mohammed VI Polytechnic University, Morocco
- Samuel Kizito Sempiri, Wampeewo Ntakke Secondary School, Uganda
- Julian Bbuye, Uganda Management Institute, Uganda

**Improving Your Digital Literacy**

Chairperson(s): Elliott Masie, The MASIE Center, US

Speaker(s):
- Liza Veronica Wilmot, Volkswagen Group South Africa, South Africa
- Mary Elizabeth Atuhaire, Kenya Commercial Bank, Rwanda
- Isabelle Kamana, Heineken, Rwanda

**Best Practices in the Workplace**

Chairperson(s): Elliott Masie, The MASIE Center, US

Speaker(s):
- Rafiq El Alami, Mohammed VI Polytechnic University, Morocco
- Samuel Kizito Sempiri, Wampeewo Ntakke Secondary School, Uganda
- Julian Bbuye, Uganda Management Institute, Uganda
- Liza Veronica Wilmot, Volkswagen Group South Africa, South Africa
- Mary Elizabeth Atuhaire, Kenya Commercial Bank, Rwanda
- Isabelle Kamana, Heineken, Rwanda
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<th>Track</th>
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<th>Speaker(s)</th>
</tr>
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<tbody>
<tr>
<td>16:30 - 17:45</td>
<td>Technologies and Tools</td>
<td>Healthcare</td>
<td>Chairperson(s):</td>
<td>Speaker(s):</td>
</tr>
</tbody>
</table>
|              |                        |                                                                | Natalie Denmeade, Moojoo, Tanzania                                   | Leonard Nduwayo, Institut africain de formation et de recherche Georges-Henri Levesque, France E-Hospital Africa: An Innovative and Technological Service of African Medical Diaspora Heavenlight Luzinge, Klimanjaro Christian Medical University College, Tanzania Implementation of a Learning Management System for Medical Students: Klimanjaro Christian Medical University College Jan Kennis, Institute of Tropical Medicine Antwerp, Belgium WithTropica: Collaborative Knowledge Management in the Field of Tropical Medicine and International Health Paulus Sheetekela, University of Namibia, Namibia Big Data Solutions in an Integrated e-Healthcare Systems of Namibia | Folake Ruth Aluko, University of Pretoria, South Africa Ensuring Quality in a Hybrid Environment: Prospects and Challenges Haji Ali Haji, The State University of Zanzibar, Tanzania Contribution of ICT in Teaching and Learning: Perception from Undergraduate Students at the State University of Zanzibar |}

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| 16:30 - 17:45| The Academia Track     |                                                                 | Michelle Selinger, EdTech Ventures, U                                | Leonard Nduwayo, Institut africain de formation et de recherche Georges-Henri Levesque, France E-Hospital Africa: An Innovative and Technological Service of African Medical Diaspora Heavenlight Luzinge, Klimanjaro Christian Medical University College, Tanzania Implementation of a Learning Management System for Medical Students: Klimanjaro Christian Medical University College Jan Kennis, Institute of Tropical Medicine Antwerp, Belgium WithTropica: Collaborative Knowledge Management in the Field of Tropical Medicine and International Health Paulus Sheetekela, University of Namibia, Namibia Big Data Solutions in an Integrated e-Healthcare Systems of Namibia | |}

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</thead>
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<td>16:30 - 17:45</td>
<td>Enhancing Literacy in</td>
<td></td>
<td>Claude Kalisa Migisha, ICT4D Researcher &amp; Consultant, Rwanda</td>
<td>Mignon Hardie, FunDza Literacy Trust, South Africa Measuring Impact: Getting SA Teens and Young Adults Reading and Writing Jamie Stuart, onebillion, UK Can Children Learn to Read Autonomously, through Software on Smartphones in their Community? Mark West, UNESCO, France Greater Digital Inclusion for Low-skilled and Low-literate People: Best Practices from 14 Case Studies Jeff Bordes, Astria Learning, USA ADL - A Solution to the Textbook Crisis in Africa</td>
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<tr>
<td>15:45 - 16:30</td>
<td>Blended Learning at UNISWA: Steps Undertaken / La Mise en Œuvre de l’Apprentissage Mixte à l’Université du Swaziland: Démarches</td>
<td>Experts of Advanced Transport Modeling - A Blended Learning Course</td>
<td>Availability and Utilisation of E-Learning Resources</td>
<td>Unpacking the Psycho-Social Drivers and Barriers to Technology Supported Learning and Skills Development Among Rwandan Adolescents</td>
</tr>
</tbody>
</table>

**Chairperson(s):**

- Speaker(s): Karen Ferreira-Meyers, Institute of Distance Education - University of Swaziland, Swaziland
- Speaker(s): Frank von Danwitz, University of Wuppertal, Germany
- Speaker(s): Kamaludeen Samaila, Kebbi State University of Science and Technology, Aliero, Nigeria
- Speaker(s): Roberte Isimbi, GAGE, Rwanda
- Speaker(s): Amy Barnecutt, A Partner in Education, Rwanda
Friday, September 28, 2018

MH04
09:30 - 11:00
PLENARY02

Friday Plenary - Transforming Africa

Chairperson(s):
Albert Nsengiyumva,
ICT4D & Skills Development, Rwanda

Speaker(s):
Prof. Laura Czerniewicz,
Director, University of Cape Town, South Africa
Foster Ofosu,
Innovation and Capacity Development Specialist, African Development Bank, Ivory Coast
Dr Martin Dougiamas,
Founder & CEO, Moodle, Australia
Maximilian Bankole Jarrett,
Senior Special Adviser of Africa Progress Group, Final Director-in-Charge of Kofi Annan's Africa Progress Panel, Co-Creator and Chief Executive of Abundenta Divina (Media), UK
Research & Science "Made in Africa"

Chairperson(s):
Charles Senkondo,
Tanzania Global Learning Agency (TaGLA)/AADLC,
Tanzania

Speaker(s):
Zacharia Kafuko,
Government of Seychelles, Seychelles
Technology for Science Education

Nelson Ijumba,
University of Rwanda, Rwanda
Enhancing Research and Science Systems in Africa Through CoEs

Knowledge Exchange Sessions

Chairperson(s):

Speaker(s):
Gaston Donnat Bappa,
Chefferie de Ndjoye-Nkong, Cameroon
Unir l’Afrique par l’éducation à l’aide des outils numériques, à la réappropriation de son identité originelle, dans le cadre du projet ATOE (Encyclopédie en ligne sur les Traditions Africaines)

Aleesha Boolaky,
University of Technology Mauritius (UTM), Mauritius
Financial Literacy of Young professionals in the Advent Fintech Development

Ebenezer Malcalm,
Ghana Technology University College, Ghana
Critical Analysis of Mobile Money Services in Ghana: Case Study of MTN and Vodafone

Jan Willem Eggink,
Three Mountains Learning Advisors, Rwanda
Cascading e-Material for Cascading Training

Alex Ntale,
Rwanda ICT Chamber, Rwanda
WeCode: A Women Focused Education Program for the ICT Sector

Craig Matthew Wilson,
UAB Sparkman Center for Global Health, USA
SparkEd Tool for eDelivery of Local Educational Resources

Ngnaoussi Etongue Cedric Christian,
Lille University of Sciences and Technology / Leti Arts, Ghana
Mobile Serious Game and Learning Effectiveness: A Case Study in Ghana

Mehdi Oulmakki,
African Leadership University, Mauritius
Coding Dojos: A Collaborative Format to Learn Programming, Soft Skills and Resilience
<table>
<thead>
<tr>
<th>Time</th>
<th>Room</th>
<th>Session</th>
<th>Chairperson(s)</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>11:45</td>
<td>AD10</td>
<td>Initiatives to Increase Youth Employability</td>
<td>Patricia Gores, Invest in Africa Now!, Belgium</td>
<td>Samuel Yesashimwe, Digital Opportunity Trust, Rwanda</td>
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<td>Wilhelm Oddo, NLab Innovation Academy, Tanzania</td>
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<td>Lisa Stern, UCConnect, Uganda</td>
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<td>Evode Mukama, University of Rwanda, Rwanda</td>
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<td>Young eLearning Agents Train Peers From Home in Dar es Salaam</td>
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<td>11:45</td>
<td>AD03</td>
<td>Creating High-Quality, Low-Cost Instructional Videos with Screen Capture</td>
<td>Irene Maweu, e/merge Africa, Kenya</td>
<td>Marshall Thomas, University of Global Health Equity, Rwanda</td>
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<td>Richard Wambua, Kenyatta University, Kenya</td>
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<td>Test Anxiety and Gender as Determinants of Academic Performance in Computer Based Testing</td>
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<td>11:45</td>
<td>AD12</td>
<td>eAssessment in the Eye of Sight</td>
<td>Russell McMahon, University of Cincinnati, US</td>
<td>Saidou Sireh Jallow, UNESCO, Kenya</td>
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<td>Electronic eAssessment in Rwanda: Shifting from Paper to eModels for Better Education Quality in the 21st Century</td>
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<td>Vincent Nyirigira, Rwanda Education Board, Rwanda</td>
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<td>Using Technology Innovations to Empower Youths in Malawi</td>
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<td>Irénée Ndayambaje, Rwanda Education Board, Rwanda</td>
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### Health & Blended Learning

**Chairperson(s):**
- Caroline Wamala Larsson, SPIDER/Stockholm University, Sweden

**Speaker(s):**
- Anna E. Schmaus-Klughammer, Deggendorf Institute of Technology, Germany
- Sandra Barteit, Heidelberg University, Germany
- Segun Abiri, Literacy for Adult and Education for Women Initiative, Nigeria
- Susana Munoz-Hernandez, Universidad Politécnica de Madrid, Spain

**Talks:**
- Health Informatics Education in LMICs and Blended Learning in a South-North-South Collaboration
- How a Zambian-German-Swiss Cooperation Supports Higher Medical Education in Zambia
- A Collaborative Approach

### Reinventing Academic Libraries

**Chairperson(s):**
- Rwagasana Gerard, University of Technology and Arts of Byumba, Rwanda
- Sheila Jagannathan, The World Bank, US

**Speaker(s):**
- Miriam Conteh-Morgan, University of Sierra Leone, Sierra Leone
- Buhle Mbambo-Thata, African Library and Information Associations and Institutions, South Africa
- Andreas Hoerfurter, Common Sense eLearning & Training Consultants, Austria
- Edephonce Ngemera Nfuka, The Open University of Tanzania, Tanzania

**Talks:**
- Strengthening Research, Teaching and Learning Capacities in Sierra Leone: The Library Consortium-NREN Nexus
- Academic Libraries in eLearning Environments: A Collaborative Approach
- Inclusiveness of Adult Literacy
- Reaching an Illiterate Target Group with an Interactive Moodle App

### Adult Literacy

**Chairperson(s):**
- Caroline Wamala Larsson, SPIDER/Stockholm University, Sweden
- Rwagasana Gerard, University of Technology and Arts of Byumba, Rwanda
- Sheila Jagannathan, The World Bank, US

**Speaker(s):**
- Anna E. Schmaus-Klughammer, Deggendorf Institute of Technology, Germany
- Miriam Conteh-Morgan, University of Sierra Leone, Sierra Leone
- Andreas Hoerfurter, Common Sense eLearning & Training Consultants, Austria
- Martin Dougiamas, Moodle, Australia

**Talks:**
- How a Zambian-German-Swiss Cooperation Supports Higher Medical Education in Zambia
- A Collaborative Approach
- Discussing Current Solutions for Digital Literacy at Rural Areas

### A Conversation with the Founder of Moodle and Three African Leading Universities

**Chairperson(s):**

**Speaker(s):**
- Martin Dougiamas, Moodle, Australia
- Edephonce Ngemera Nfuka, The Open University of Tanzania, Tanzania
- Paul Muyinda, Makerere University, Uganda
- Mildred Ayere, Maseno University, Kenya
The Prospect for MOOCs?
Innovative Networking Experiences
Employability Skills Training Methods
Improving Displaced Lives Through Connected Learning: Perspectives and Realities

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<td>Mildred Ayere,</td>
<td>Gabriel Konayuma,</td>
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<td>Maseno University, Kenya</td>
<td>Ministry of Higher Education, Zambia</td>
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Speaker(s):
Sheila Jagannathan, The World Bank, USA
Are MOOCs a Game Changer for Development Learning: Lessons from the Worldbank’s Open Learning Campus

Olivier Biard, The Open University, UK
MOOCs in Africa: Challenges and Opportunities

Daniela Casiraghi, METID - Politecnico di Milano, Italy
MOOCs to Foster Innovation and Growth in Developing Countries: The Experience of Polimi Open Knowledge

Marius Burgat, EPFL-Ecole Polytechnique Fédérale de Lausanne, Switzerland
Production et Diffusion de MOOCs en Afrique Francophone: Expériences, Leçons Apprises et Perspectives

Speaker(s):
Jan Willem Eggink, Three Mountains Learning Advisors, Rwanda
The Rwandan eLearning Network Experience Mindel van de Laar, Maastricht Graduate School of Governance / UNU-MERIT (Maastricht University), The Netherlands
Supporting Doctoral Education for African PhD Students with Online Tools: Expanding the African Partner Network

Michael Opiyo, Maseno University, Kenya
&
Paul Muyinda, Makerere University, Uganda
&
Edephonce Ngemera Nfuka, The Open University of Tanzania, Tanzania
EPICA: ePortfolios for Skills Recognition

Jodi Lis, IEEE IC Industry Consortium on Learning Engineering, USA
Creating an African Chapter for Learning Engineering

Speaker(s):
Rik Vanden Berk, Entrepreneurs for Entrepreneurs, Belgium
Blended Learning as a Way of Training Entrepreneurs and Instructors in Africa

Ismail El Habrouk, Bits Academy, Egypt
Co-Creating for Change

Speaker(s):
Jacqueline Strecker, United Nations High Commissioner for Refugees, Kenya
<table>
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<tr>
<th>Time</th>
<th>AD06</th>
<th>AD12</th>
<th>AD11</th>
<th>AD07</th>
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<td>14:30 - 15:45</td>
<td>EDT51</td>
<td>TEA52</td>
<td>WRK53</td>
<td>HEA54</td>
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### Learning with Drones: Innovation Meets Communication and Context

**Chairperson(s):**
Donald Clark,
WildFire Learning, U

**Speaker(s):**
David Mandelbaum,
Zipline International, Rwanda
&
Mammy Ingabire,
Charis UAS, Rwanda

**Title:** TBA

### Social Networks for Education

**Chairperson(s):**
Carla Aerts,
TmrwInstitute, U

**Speaker(s):**
Sam James Murungi Kaheru,
University of Venda, South Africa

Uniting Students through the Use of Social Networks for Learning – A South African University

Satu Järvinen,
SkillSafari, Finland

### Improving Workplace Learning in the Public Sector

**Chairperson(s):**
Gerry van der Hulst,
Three Mountains Learning Advisors, Rwand

**Speaker(s):**
Pauline Ngimwa,
Partnership of African Social and Governance Research, Kenya

Technology Enhanced Pedagogy for Research and Public Policy Training

Wellars Gasamagera,
Rwanda Management Institute, Rwanda

Enhancing Efficiency and Effectiveness of Rwanda’s Public Institutions through ICT-Supported Human Resource Development and Capacity Building

### Can ICTs Help Combat Malnutrition?

**Chairperson(s):**
Albert Nsengiyumva,
ICT4D & Skills Development, Rwand

**Speaker(s):**
Kofi Barimah,
Ghana Technology University College, Ghana

The Use of eLearning to Enhance a Nutrition Program in a Ghanaian University

Jean de Dieu Gatete,
Maternal and Child Survival Program, Rwanda

Exploring Alternative Models in Training Health Care Providers

Mudukula Mukubi,
Ndola Nutrition Organisation, Zambia

e-Knowledge Transfer for Rural Livelihoods by Among Women-Headed and Child-Headed Households on the Copperbelt of Zambia
Financial Literacy

Chairperson(s):
Kristin Amacker,
CGAP/Gateway Academy, US

Speaker(s):
Benoit Gasigwa,
MiTEC, Rwanda
Professionalism in Statistics for the Development of the Country

Dambeegan (Kesseven) Padachi,
University of Technology, Mauritius
Enhancing Financial Literacy of Small Medium Enterprises Through Digital Platform - Case of Mauritius

Literacy and Reading Skills

Chairperson(s):
Mignon Hardie,
FunDza Literacy Trust, South Africa

Speaker(s):
Amos Furaha,
Library For All, USA
Self-Publishing: A Transformative Approach to Increasing the Global Supply Chain of Early-Grade Children’s Books

Anita Stangl,
MedienLB, Germany
DigiBook (the Digital School Book) - No Books Needed Anymore - Access to Education via Smartphone, Tablet or Notebook. Equal Rights in Education Wherever You Live, Whoever You Are!

Naasir Abrahams,
VitalSource, South Africa
Digital Content: How eTextbooks are Transforming Teaching and Learning
<table>
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<tr>
<th>Session</th>
<th>Title</th>
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<tr>
<td>FOYER 1C</td>
<td>The Impact of Mother-Tongue Audiobooks in a Rural Preschool in Kenya</td>
<td>Angela Buckler, SIL Africa, Kenya</td>
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<tr>
<td>FOYER 1C</td>
<td>Transforming Continuous Professional Development of School Leaders and Teachers in Basic Education in Rwanda through eMonitoring</td>
<td>Andrew Gasozi Ntwali, VVOB Rwanda, Rwanda</td>
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<td>FOYER 1C</td>
<td>Setting-Up a Virtual Academy: Success Factors and Lessons Learned from a Case Study in Higher Education</td>
<td>Kerstin Schultheiss, Flensburg University of Applied Sciences, Germany</td>
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<td>FOYER 1C</td>
<td>“AgreenU”: A Tool of Integration of Higher Education and a Case of Users’ Experience Design in Agribioscience</td>
<td>Vincent Baron, IAVFF-Agreenium, France</td>
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| Towards Enhancing Online Course Design Using Learning Analytics             | Chairperson(s):                                                                 | Speaker(s): Felix Bwire, Busitema University, Uganda  
Speaker(s): Nazira BeeBee Hoosen, University of the Witwatersrand, Johannesburg, South Africa |
| Digital Pedagogical Reasoning Within Professional Management Schools at Higher Education Institutions | Chairperson(s):                                                                 | Speaker(s): Sukaina Walji, Centre for Innovation in Learning & Teaching, University of Cape Town, South Africa |
| Going Online: Unbundling and the Role of the Market in South African Higher Education | Chairperson(s):                                                                 | Speaker(s): Samuel Mwimba, VIAMO, Congo (DRC) |
| Projet de Redevabilité Sociale pour Le Ministère de l'Education Primaire et Secondaire en RDC: Allo Ecole | Chairperson(s):                                                                 | Speaker(s):                                                                                                                                           |
Plenary Debate - Debate Motion: 'This House believes Africa has nothing to fear from a 'fourth industrial revolution' and should seize the opportunity it represents'

Chairperson(s):
Dr Harold Elletson,
eLearning Africa Report / Institute for Statecraft, U

Speaker(s):
Donald Clark,
CEO, WildFire Learning, UK

Clarisse Iribagiza,
CEO, DMM.HeHe, Rwanda

Dr Bitange Ndemo,
Senior Lecturer of Entrepreneurship and Research Methods, University of Nairobi, Kenya

Maximilian Bankole Jarrett,
Senior Special Adviser of Africa Progress Group, Final Director-in-Charge of Kofi Annan's Africa Progress Panel, Co-Creator and Chief Executive of Abundenta Divina (Media), UK