eLearning Africa

Kigali, Rwanda
Sept 26→28, 2018

13th International Conference & Exhibition on ICT for Education, Training & Skills Development
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.
Wednesday, September 26, 2018

MH03 & MH04
18:00 - 19:30
PLENARY00

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, September 27, 2018

MH03 & MH04
09:30 - 11:00
PLENARY01

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):
Alice Barlow-Zambodla,
eMerge Africa Network, South Africa

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):
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

**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?**

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<thead>
<tr>
<th>Time</th>
<th>Room</th>
<th>Session</th>
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<td>11:45 - 13:00</td>
<td>AD07</td>
<td>The Nexus Between L&amp;D, Technology and Funding</td>
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<tr>
<td>11:45 - 12:45</td>
<td>AD04</td>
<td>How Modern Network Technologies are Enabling Low-Bandwidth Nations to Slash Connectivity Costs, Accelerating the Rollout of Connected Classrooms</td>
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<td>11:45 - 13:00</td>
<td>AD12</td>
<td>The Effective Use of Online Courses for Teachers’ Continuous Professional Development: Mentorship Community of Practice</td>
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<td>11:45 - 13:00</td>
<td>AD11</td>
<td>Transition from University to the Workplace: What Skills will Employers Demand?</td>
</tr>
</tbody>
</table>

**Chairperson(s):**

- David Rurangirwa, U.S. Agency for International Development, Rwanda
- Jodi Lis, IEEE IC Industry Consortium on Learning Engineering, US
- Alphonse Uworwabeyho, University of Rwanda College of Education, Rwanda
- Nathalie Louge, FHI 360, USA
- Irénée Ndayambaje, Rwanda Education Board, Rwanda
- Jean Marie Vianney Hitamungu, Kepler, Rwanda
- Ebehi Ugberaese, WAVE, Nigeria
- Segun Michael Orimoloye, Adekunle Ajasin University, Nigeria

**Speaker(s):**

- Alejandro Caballero, IFC, USA
- M’Hamed Cherif, Invest in Africa Now!, Belgium
- Munya Chiura, Flywire, Zimbabwe
- Jamie Martin, Injini, South Africa
- Oluwakoyejo Oluwatosin, ChronicleSoft, Nigeria
- Roger Clark, ApplianSys, UK
- Alphonse Uworwabeyho, University of Rwanda College of Education, Rwanda
- Nathalie Louge, FHI 360, USA
- Irénée Ndayambaje, Rwanda Education Board, Rwanda
- Alphonse Uworwabeyho, University of Rwanda College of Education, Rwanda
- Nathalie Louge, FHI 360, USA
- Irénée Ndayambaje, Rwanda Education Board, Rwanda

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**M’Hamed Cherif, Invest in Africa Now!, Belgium**

**Munya Chiura, Flywire, Zimbabwe**

**Jamie Martin, Injini, South Africa**

**Oluwakoyejo Oluwatosin, ChronicleSoft, Nigeria**
## 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

**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
- RuthNsibiano, Makerere University, Uganda
- Mustapha Almasi Juakali, Vrije Universiteit Brussel & Mzumbe University, Tanzania, Belgium

## Skills Development Through Work-Based Learning

**Chairperson(s):**
- Sarah Kiden, Internet Society Uganda, Uganda

**Speaker(s):**
- Peter Pfaffe, iMove, Germany

## Solutions that Work for Schools

**Chairperson(s):**
- Nyombi Thembo, Uganda Communications Commission (UCC), Uganda

**Speaker(s):**
- John Thole, Edunova, South Africa
- Eligii Tairo, TeachUNITED, Tanzania
- Chantal Uwiragiye, Education Development Trust, Rwanda

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### Work-Based Learning: The German Dual System of TVET

- 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

### 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

- Nyombi Thembo, Uganda Communications Commission (UCC), Uganda

### 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
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
- Andrew Crouch, University of the Witwatersrand, Johannesburg, South Africa
- Brian Ntambirweki, Virtual University of Uganda, Uganda
- Shuubi Alphonce Mutajwaa, St John’s University of Tanzania, Tanzania
- Gopala Krishna Naidu Pyndiah, SPES, Mauritius
- Petros Roumeliotis, E.V.I.A., Greece
- Addi Mavengere, Educational Documentary Services Trust, Zimbabwe
- Joel Olson, The Wellspring Foundation for Education, Rwanda
- Henk Louw, North-West University, South Africa
- Muhammad Nasir Ishaq, E-Hesc Technologies Nigeria Ltd, Nigeria
- Bonface Masaviru, World Possible Kenya, Kenya

Creating Opportunities: Integration of ICT and Education in Open University of Sudan
Towards a Digital Transformation at the University of the Witwatersrand, Johannesburg, South Africa
The Impact of eLearning on Higher Education in Africa
Critical Success Factors in Adopting eLearning in Higher Learning Institutions: A Case Study of St John’s University of Tanzania
Free Kids Eco-Friendly Cyber Cafes
Intelligent Performance: Superstructuring for Superperformance
The Last Mile: Digital eLearning Off-the-Grid
Running the Last Mile: Digital eLearning Off-the-Grid
Backchat: Fast, Easy, Effective Audio Feedback
Can eLearning Improve Quality of Healthcare Education in Northern Nigeria?
Connecting Offline Learners: How Technology is Bridging the Global Information Gap
<table>
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<th>Time</th>
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<tr>
<td>14:30 - 15:45</td>
<td><strong>The edTech Ecosystem in Africa</strong></td>
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<td><strong>Demand-Driven Education: Merging Work and Learning to Develop the Human Skills that Matter</strong></td>
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<td><strong>Are Teachers Ready to Integrate ICTs in Their Teaching?</strong></td>
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<td><strong>Is it Possible to use Technology to Train Soft Skills for the Workplace?</strong></td>
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</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, CEMASTE, Kenya
- Oyebimpe Oluwatoyin Adegoke, Mount Kenya University, Rwanda
- Daniel Mlambo, Opportunity Education Foundation, Tanzania
- Rebecca Harrison, African Management Initiative, Kenya
- Veronika Schaeffler, INASP, UK

**Presentation Titles:**
- EdTech Trends Across the Continent
- Enhancing Pedagogical Skills of Teachers Using ICT Integration in Secondary Schools in Kenya: CEMASTE 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
- Michelle Selinger,
  EdTech Ventures, U
- Peter Pfaffe,
  iMove, German
- Alexandre Boin,
  Swisscontact, Rwanda

**Speaker(s):**
- Augustine Mwangi,
  University of Nairobi, Kenya
- Winner Chawinga,
  Mzuzu University, Malawi
- Jakita Thomas,
  Auburn University, USA
- Nadine Pakker,
  Health[e]Foundation, The Netherlands

*Mobile Learning Adoption: End User Characteristics and Learning Contexts - Lessons from Community Health Training Project, Kenya*

*The Role of ICT in Rural Health Delivery in Malawi: Enablers and Barriers*

*A Study of Students’ Perceptions in a Blended Learning Environment at a Tanzanian Higher Education Institution*

*MTOTO-BEBE: Engaging Non-Literate Women in the Co-Design of a Mobile App for Pre- and Post-Natal Information*

*Digital and Online Support of Amnesty Students at the University of Africa, Bayelsa State, Nigeria*

*A Study of Students’ Perceptions in a Blended Learning Environment at a Tanzanian Higher Education Institution*

*Finding Solutions to Hunger Poverty and Inequality: (FSTHPI) Project Opens Up Technology Use in the Classroom*

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### The Academia Track

**Chairperson(s):**
- Mahid Abdulkarim,
  Unity High School, Sudan
- Prof. Christiaan Daniel Jacobs,
  University of Africa, Bayelsa State, Nigeria
- Nadine Pakker,
  Health[e]Foundation, The Netherlands
- Abebaw Maemer Yesseraw,
  Ministry of Education, Federal TVET Agency, Ethiopia

*The Use of ICT Among Secondary School Students in Sudan*

*Digital and Online Support of Amnesty Students at the University of Africa, Bayelsa State, Nigeria*

*Examining the Effectiveness of a Mobile App to Support Pre- and Post-Natal Care*

*Programming and Robotics Competition as a Tool to Enhance Students’ Learning Experience at TVET Institutions*

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### TVET Becomes Digital

**Chairperson(s):**
- Peter Pfaffe,
  iMove, German
- Chris Serwaniko,
  Kyambogo University, Uganda
- Raymond Ndacyayisaba,
  IPRC-Tumba, Rwanda
- Grace Olive Musingo Nabuduwa,
  Ngora Girls Secondary School, Uganda

*Technology Led TVET System in Ethiopia*

*Emerging Potential of Vocational Pedagogy: Technologies to Support Vocational Education and Skills Development - The Case of Uganda*

*Design of New Curriculum Based on a Dynamic and Multipolar Approach Including ICT*

*Finding Solutions to Hunger Poverty and Inequality: (FSTHPI) 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

UTIFEN (Use of Technology for Mobile Teacher Training in Niger)

Teresa Fuchs,
Cengage,
Accelerate Learning with MindTap Mobile

Networking for NGOs

Chairperson(s):

Speaker(s):
Elroy Paulus,
TEKANO - Atlantic Fellows for Health Equity in South Africa, South Africa
Promoting eLearning in a Mixed Skills Learning Environment in South Africa: Insights on eLearning

Martina Amoth,
Avallain Foundation, Kenya
Creative Learning Strategies in Africa: Technology, Pedagogy and Design Combined to Achieve Transformative Learning

Tony Carr,
e/merge Africa and University of Cape Town, South Africa
e/merge Africa Network: Navigating Our Future

Alice Barlow-Zambodia,
e/merge Africa Network, South Africa
e/merge Africa Network: Navigating our Future

Olatunde Awobuluyi,
African Network Information Center (AFRINIC), Mauritius
Ensuring Inclusiveness - Diversity Matters

Theoneste Uwayezu,
FONMAC, Rwanda
International Network for ICT in Education and Development: The Secret of Digital Content and Money

Susann Dattenberg-Doyle,
Right for Education, UK
Talking to Young Adults: The Process into Responsible Citizenship

Insights into Improving Education for Displaced Persons

Chairperson(s):

Speaker(s):
Barbara Moser-Mercer,
University of Geneva, InZone, Switzerland
The Integration of Technology and Pedagogy in Challenging Higher Education Spaces

Ntumba Tshilombo Innocent,
Université de Genève/InZone, Kenya
eLearning in Remote Areas

Chrystina Russell,
Southern New Hampshire University, USA
Southern New Hampshire University’s Blended Learning Higher Education for All: Ensuring Technology-Based Achievement and Gender Inclusivity

Alexander Kiptanui,
Swisscontact, Kenya
Miriam Ruiz,
Avallain Foundation, USA
A Digital Intervention to Successfully Train Literacy and Numeracy for the Refugee and Host Communities in Kakuma

Jacques Labuschagne,
Managing Director of Catalyst IT Europe, UK
Global Frameworks for Local Learning

Creation of Interactive Learning Materials

Chairperson(s):

Speaker(s):

David Campbell,
Obihiro University of Agriculture and Veterinary Medicine, Japan
Narrowing the Management Skills Gap in Wildlife Conservancies

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

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
Rafiq El Alami, Mohammed VI Polytechnic University, Morocco
Samuel Kizito Sempiri, Wampeewo Ntakke Secondary School, Uganda
Julian Bbuye, Uganda Management Institute, Uganda

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
Andry Ratsimbason, Airtel, Rwanda
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):
Liza Veronica Wilmot, Volkswagen Group South Africa, South Africa
Andry Ratsimbason, Airtel, Rwanda
Mary Elizabeth Atuhaire, Kenya Commercial Bank, Rwanda
Isabelle Kamana, Heineken, Rwanda

Pushing Boundaries - How Innovative, Digital Learning Models Can Work Practically and Simply to Drive Manufacturing Efficiency

Julian Bbuye, Uganda Management Institute, Uganda

Using Digital Tools to Enhance Employees’ Performance Across Africa

Mary Elizabeth Atuhaire, Kenya Commercial Bank, Rwanda

Introducing Innovative Digital Tools to Make Learning and Development Attractive For Employees and Effective For Our Organisation

Isabelle Kamana, Heineken, Rwanda

Heineken Development Framework
### Technologies and Tools to Support Healthcare

**Chairperson(s):**
- Natalie Denmeade,
  Moojoo, Tanzania

**Speaker(s):**
- Leonard Nduwayo,
  Institut africain de formation et de recherche Georges-Henri Levesque (African Institute of Training and Research Georges-Henri Levesque), France
- Heavenlight Luzinge,
  Kilimanjaro Christian Medical University College, Tanzania
- Jan Kennis,
  Institute of Tropical Medicine Antwerp, Belgium
- Paulus Sheetekela,
  University of Namibia, Namibia

Implementation of a Learning Management System for Medical Students: Kilimanjaro Christian Medical University College

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

**Speaker(s):**
- Folake Ruth Aluko,
  University of Pretoria, South Africa
- Haji Ali Haji,
  The State University of Zanzibar, Tanzania

E-Hospital Africa: An Innovative and Technological Service of African Medical Diaspora

Heavenlight Luzinge,
Kilimanjaro Christian Medical University College, Tanzania

Implementation of a Learning Management System for Medical Students: Kilimanjaro Christian Medical University College

**Chairperson(s):**
- Angela Buckler,
  SIL Africa, Kenya

**Speaker(s):**
- Jan Kennis,
  Institute of Tropical Medicine Antwerp, Belgium
- Paulus Sheetekela,
  University of Namibia, Namibia

Big Data Solutions in an Integrated e-Healthcare Systems of Namibia

**Chairperson(s):**
- Claudia Kalisa Migisha,
  ICT4D Researcher & Consultant, Rwanda

**Speaker(s):**
- Mignon Hardie,
  FunDza Literacy Trust, South Africa
- Mark West,
  UNESCO, France

Can Children Learn to Read Autonomously, through Software on Smartphones in their Community?

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

**Speaker(s):**
- Jamie Stuart,
  onebillion, UK
- Mark West,
  UNESCO, France

Measuring Impact: Getting SA Teens and Young Adults Reading and Writing

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

**Speaker(s):**
- Jeff Bordes,
  Astria Learning, USA
- Mignon Hardie,
  FunDza Literacy Trust, South Africa

Greater Digital Inclusion for Low-skilled and Low-literate People: Best Practices from 14 Case Studies

### The Academia Track

- **Chairperson(s):**
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Big Data Solutions in an Integrated e-Healthcare Systems of Namibia

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- **Speaker(s):**
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    UNESCO, France

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- **Speaker(s):**
  - Jamie Stuart,
    onebillion, UK
  - Mark West,
    UNESCO, France

Measuring Impact: Getting SA Teens and Young Adults Reading and Writing

### Language Learning

- **Chairperson(s):**
  - Angela Buckler,
    SIL Africa, Kenya

- **Speaker(s):**
  - Jan Kennis,
    Institute of Tropical Medicine Antwerp, Belgium
  - Paulus Sheetekela,
    University of Namibia, Namibia

Big Data Solutions in an Integrated e-Healthcare Systems of Namibia

- **Chairperson(s):**
  - Claudia Kalisa Migisha,
    ICT4D Researcher & Consultant, Rwanda

- **Speaker(s):**
  - Mignon Hardie,
    FunDza Literacy Trust, South Africa
  - Mark West,
    UNESCO, France

Can Children Learn to Read Autonomously, through Software on Smartphones in their Community?

### Enhancing Literacy in Rural Areas

- **Chairperson(s):**
  - Claude Kalisa Migisha,
    ICT4D Researcher & Consultant, Rwanda

- **Speaker(s):**
  - Mignon Hardie,
    FunDza Literacy Trust, South Africa
  - Mark West,
    UNESCO, France

Greater Digital Inclusion for Low-skilled and Low-literate People: Best Practices from 14 Case Studies
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<td>15:45 - 16:30</td>
<td>Blended Learning at UNISWA: Steps Undertaken / La Mise en Oeuvre 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>
<td>Using ICT in an Inclusive Classroom</td>
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<td>Chairperson(s):</td>
<td>Speaker(s): Karen Ferreira-Meyers, Institute of Distance Education - University of Swaziland, Swaziland</td>
<td>Speaker(s): Frank von Danwitz, University of Wuppertal, Germany</td>
<td>Speaker(s): Kamaludeen Samaila, Kebbi State University of Science and Technology, Aliero, Nigeria</td>
<td>Speaker(s): Roberte Isimbi, GAGE, Rwanda</td>
<td>Speaker(s): Amy Barncutt, A Partner in Education, Rwanda</td>
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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 Ndjoack-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
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<tr>
<th>Time</th>
<th>Room</th>
<th>Speaker(s)</th>
<th>Chairperson(s)</th>
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<tr>
<td>11:45 - 13:15</td>
<td>AD03</td>
<td>AD10</td>
<td>Initiatives to Increase Youth Employability</td>
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<td>AD12</td>
<td>Creating High-Quality, Low-Cost Instructional Videos with Screen Capture</td>
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<td>eAssessment in the Eye of Sight</td>
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<td>National Strategies to Improve Employability</td>
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**Chairperson(s):**
- Patricia Gores, Invest in Africa Now!, Belgium
- Irene Maweu, e/merge Africa, Kenya
- Russell McMahon, University of Cincinnati, US
- Lillian Atef, ITIDA, Egypt
- Irénée Ndayambaje, Rwanda Education Board, Rwanda
- Richard Wambua, Kenyatta University, Kenya
- Felix Nyante, Nursing and Midwifery Council, Ghana
- Test Anxiety and Gender as Determinants of Academic Performance in Computer Based Testing
- Development and Introduction of an On-Line Examination System for Student Nurses and Midwives in Ghana
<table>
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<tbody>
<tr>
<td>11:45 - 13:00</td>
<td>Health &amp; Blended Learning</td>
<td>Caroline Wamala Larsson, SPIDER/Stockholm University, Sweden</td>
<td>Anna E. Schmaus-Klughammer, Deggendorf Institute of Technology, Germany</td>
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<td>Health Informatics Education in LMICs and Blended Learning in a South-North-South Collaboration</td>
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<td>Sandra Barteit, Heidelberg University, Germany</td>
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<td>How a Zambian-German-Swiss Cooperation Supports Higher Medical Education in Zambia</td>
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<td>11:45 - 13:15</td>
<td>Reinventing Academic Libraries</td>
<td>Rwagasana Gerard, University of Technology and Arts of Byumba, Rwanda</td>
<td>Miriam Conteh-Morgan, University of Sierra Leone, Sierra Leone</td>
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<td>Strengthening Research, Teaching and Learning Capacities in Sierra Leone: The Library</td>
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<td>Consortium-NREN Nexus</td>
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<td>Buhle Mbambo-Thata, African Library and Information Associations and Institutions, South Africa</td>
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<td>Academic Libraries in eLearning Environments: A Collaborative Approach</td>
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<td>Learning in Context: Inclusiveness of Adult Literacy</td>
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<td>Andreas Hoerfurter, Common Sense eLearning &amp; Training Consultants, Austria</td>
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<td>Reaching an Illiterate Target Group with an Interactive Moodle App</td>
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<td>Susana Munoz-Hernandez, Universidad Politecnica de Madrid, Spain</td>
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<td>Discussing Current Solutions for Digital Literacy at Rural Areas</td>
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<td>11:45 - 13:00</td>
<td>A Conversation with the Founder of Moodle and Three African Leading Universities</td>
<td>Harold Elletson, eLearning Africa Report / Institute for Statecraft, UK</td>
<td>Martin Dougiamas, Moodle, Australia</td>
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<td>Edephonce Ngemera Nfuka, The Open University of Tanzania, Tanzania</td>
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<td>Paul Muyinda, Makerere University, Uganda</td>
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<td>Mildred Ayere, Maseno University, Kenya</td>
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</tbody>
</table>
### The Prospect for MOOCs?

**Chairperson(s):**
- Mildred Ayere, Maseno University, Kenya

**Speaker(s):**
- Sheila Jagannathan, The World Bank, USA
- Olivier Biard, The Open University, UK
- Daniela Casiraghi, METID - Politecnico di Milano, Italy
- Marius Burgat, EPFL - Ecole Polytechnique Federale de Lausanne, Switzerland
- Jan Willem Eggink, Three Mountains Learning Advisors, Rwanda
- Mindel van de Laar, Maastricht Graduate School of Governance / UNU-MERIT (Maastricht University), The Netherlands
- Michael Opioyoh, Maseno University, Kenya & Paul Muyinda, Makerere University, Uganda & Edephonc Ngemera Nfuka, The Open University of Tanzania, Tanzania
- Jodi Lis, IEEE IC Industry Consortium on Learning Engineering, USA

### Innovative Networking Experiences

**Chairperson(s):**

**Speaker(s):**
- Sheila Jagannathan, The World Bank, USA
- Jan Willem Eggink, Three Mountains Learning Advisors, Rwanda
- Mindel van de Laar, Maastricht Graduate School of Governance / UNU-MERIT (Maastricht University), The Netherlands
- Michael Opioyoh, Maseno University, Kenya & Paul Muyinda, Makerere University, Uganda & Edephonc Ngemera Nfuka, The Open University of Tanzania, Tanzania
- Jodi Lis, IEEE IC Industry Consortium on Learning Engineering, USA

### Employability Skills Training Methods

**Chairperson(s):**
- Gabriel Konayuma, Ministry of Higher Education, Zambia

**Speaker(s):**
- Olivier Biard, The Open University, UK
- Daniela Casiraghi, METID - Politecnico di Milano, Italy
- Marius Burgat, EPFL - Ecole Polytechnique Federale de Lausanne, Switzerland
- Jan Willem Eggink, Three Mountains Learning Advisors, Rwanda
- Michael Opioyoh, Maseno University, Kenya & Paul Muyinda, Makerere University, Uganda & Edephonc Ngemera Nfuka, The Open University of Tanzania, Tanzania
- Jodi Lis, IEEE IC Industry Consortium on Learning Engineering, USA

### Improving Displaced Lives Through Connected Learning: Perspectives and Realities

**Chairperson(s):**

**Speaker(s):**
- Olivier Biard, The Open University, UK
- Daniela Casiraghi, METID - Politecnico di Milano, Italy
- Marius Burgat, EPFL - Ecole Polytechnique Federale de Lausanne, Switzerland
- Jan Willem Eggink, Three Mountains Learning Advisors, Rwanda
- Michael Opioyoh, Maseno University, Kenya & Paul Muyinda, Makerere University, Uganda & Edephonc Ngemera Nfuka, The Open University of Tanzania, Tanzania
- Jodi Lis, IEEE IC Industry Consortium on Learning Engineering, USA
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<th>Speaker(s)</th>
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</table>
| 14:30 - 15:45| AD06         | Learning with Drones: Innovation Meets Communication and Context         | Donald Clark, WildFire Learning, U                                             | David Mandelbaum, Zipline International, Rwanda & Mammy Ingabire, Charis UAS, Rwanda  
Title: TBA                                                                 |
|              | AD12         | Social Networks for Education                                            | Carla Aerts, TmrwInstitute, U                                                   | Sam James Murungi Kaheru, University of Venda, South Africa  
Satu Järvinen, SkillSafari, Finland                                                                 |
|              | AD11         | Improving Workplace Learning in the Public Sector                        | Gerry van der Hulst, Three Mountains Learning Advisors, Rwanda                  | Pauline Ngimwa, Partnership of African Social and Governance Research, Kenya  
Wellars Gasamagera, Rwanda Management Institute, Rwanda  
Jean de Dieu Gatete, Maternal and Child Survival Program, Rwanda  
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                                                                 |
Exploring Alternative Models in Training Health Care Providers                                                                 |

**Chairpersons:**
- Donald Clark, WildFire Learning, U
- Carla Aerts, TmrwInstitute, U
- Gerry van der Hulst, Three Mountains Learning Advisors, Rwanda
- Albert Nsengiyumva, ICT4D & Skills Development, Rwanda
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 Afric

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 Noteboook. Equal Rights in Education Wherever You Live, Whoever You Are!

Naasir Abrahams,
VitalSource, South Africa

Digital Content: How eTextbooks are Transforming Teaching and Learning
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<tr>
<th>Time</th>
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<td>11:00 - 11:45</td>
<td>POS06</td>
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<td>POS08</td>
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**The Impact of Mother-Tongue Audiobooks in a Rural Preschool in Kenya**

**Transforming Continuous Professional Development of School Leaders and Teachers in Basic Education in Rwanda through eMonitoring**

**Setting-Up a Virtual Academy: Success Factors and Lessons Learned from a Case Study in Higher Education**

**“AgreenU”: A Tool of Integration of Higher Education and a Case of Users’ Experience Design in Agribioscience**

**Chairperson(s):**

**Speaker(s):**
- Angela Buckler, SIL Africa, Kenya
- Andrew Gasozi Ntwali, VVOB Rwanda, Rwanda
- Kerstin Schultheiss, Flensburg University of Applied Sciences, Germany
- Vincent Baron, IAVFF-Agreenium, France
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<tr>
<td>15:45 - 16:30</td>
<td>FOYER 1C</td>
<td>Towards Enhancing Online Course Design Using Learning Analytics</td>
<td>Felix Bwire, Busitema University, Uganda</td>
<td>Nazira BeeBee Hoosen, University of the Witwatersrand, Johannesburg, South Africa</td>
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<td>FOYER 1C</td>
<td>Digital Pedagogical Reasoning Within Professional Management Schools at Higher Education Institutions</td>
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<td>Sukaina Walji, Centre for Innovation in Learning &amp; Teaching, University of Cape Town, South Africa</td>
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<td>FOYER 1C</td>
<td>Going Online: Unbundling and the Role of the Market in South African Higher Education</td>
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<td>Samuel Mwimba, VIAMO, Congo (DRC)</td>
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<td>FOYER 1C</td>
<td>Projet de Redevabilité Sociale pour Le Ministère de l'Éducation Primaire et Secondaire en RDC: Allo Ecole</td>
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</table>
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, UK

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