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

**Openings 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 Thematic 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
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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 |
Hendrina Doroba, African Development Bank, Ivory Coast  
Uyoyo Edosio, African Development Bank, Ivory Coast  
Foster Ofosu, African Development Bank, Ivory Coast |
| 11:45 - 13:15 | Initiatives for Women Empowerment | | 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 |
| 11:45 - 13:15 | It Takes a Digital Village to Raise a Child for the Digital World | | Esko Lius, Omnia, The Joint Authority of Education in Espoo Region, Finland  
Satu Järvinen, SkillSafari, Finland  
Annu Johanna Jokela-Ylipiha, Ekami Consulting, Finland |
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<tr>
<td>11:45 - 12:45</td>
<td>The Nexus Between L&amp;D, Technology and Funding</td>
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<td>11:45 - 13:00</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>Transition from University to the Workplace: What Skills will Employers Demand</td>
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**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

**Chairperson(s):**

David Rurangirwa, U.S. Agency for International Development, Rwanda

**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

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

**Chairperson(s):**

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

**Speaker(s):**

- Roger Clark, ApplianSys, UK
- Alphonse Uworwabayeho, University of Rwanda College of Education, Rwanda
- Nathalie Louge, FHI 360, USA
- Irénée Ndayambaje, Rwanda Education Board, Rwanda

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

**Chairperson(s):**

Jean Marie Vianney Hitamungu, Kepler, Rwanda

**Speaker(s):**

- Alphonse Uworwabayeho, University of Rwanda College of Education, Rwanda
- Nathalie Louge, FHI 360, USA
- Irénée Ndayambaje, Rwanda Education Board, Rwanda
- Roger Clark, ApplianSys, UK
- Nathalie Louge, FHI 360, USA
- Irénée Ndayambaje, Rwanda Education Board, Rwanda
- Alphonse Uworwabayeho, University of Rwanda College of Education, Rwanda
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

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

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

Speaker(s):
Peter Pfaffe,
imove, Germany

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

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

A Weak Learner Support System: A Barrier of Success in Distance Education at University of Rwanda

RuthNsibirano,
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

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
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<td>14:30 - 15:45</td>
<td>Strategies for ICTs Implementation in Universities</td>
<td>Discovery Demos</td>
<td>Inclusive Education for All</td>
<td>How can Educators use Mobile Phones to Improve Education?</td>
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<td>Edephonce Ngemera Nfuka, The Open University of Tanzania, Tanzania</td>
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<td>Magda Berhe Johnson, Swedish Program for ICT in Developing Regions</td>
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<td>Salha Mohammed Abdo, Open University of Sudan, Sudan</td>
<td>Gopala Krishna Naidu Pyndiah, SPES, Mauritius</td>
<td>Adewunmi Payne Akinhanmi, Grange School Lagos, Nigeria</td>
<td>Gopala Krishna Naidu Pyndiah, SPES, Mauritius</td>
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<td>Creating Opportunities: Integration of ICT and Education in Open University of Sudan</td>
<td>Free Kids Eco-Friendly Cyber Cafes</td>
<td>Extending and Consolidating Learning for the Child with SEN Using the Virtual Learning Environment</td>
<td>Free Kids Eco-Friendly Cyber Cafes</td>
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<td>Andrew Crouch, University of the Witwatersrand, Johannesburg, South Africa</td>
<td>Petros Roumeliotis, E.V.I.A, Greece</td>
<td>Gaudence Obondo, Teachers Service Commission, Kenya</td>
<td>Petros Roumeliotis, E.V.I.A, Greece</td>
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<td>Towards a Digital Transformation at the University of the Witwatersrand, Johannesburg, South Africa</td>
<td>Intelligent Performance: Superstructuring for Superperformance</td>
<td>Effects of Hypermedia on Achievement in Geography</td>
<td>Intelligent Performance: Superstructuring for Superperformance</td>
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<td>Brian Ntambirweki, Virtual University of Uganda, Uganda</td>
<td>Addi Mavengere, Educational Documentary Services Trust, Zimbabwe</td>
<td>for Hearing Impaired Learners Special Schools, Kenya</td>
<td>Addi Mavengere, Educational Documentary Services Trust, Zimbabwe</td>
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<td>The Impact of eLearning on Higher Education in Africa</td>
<td>Running the Last Mile: Digital eLearning Off-the-Grid</td>
<td>Effects of Hypermedia on Achievement in Geography</td>
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<td>Shuubi Alphonse Mutajwaa, St John’s University of Tanzania, Tanzania</td>
<td>Joel Olson, The Wellspring Foundation for Education, Rwanda</td>
<td>for Hearing Impaired Learners Special Schools, Kenya</td>
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<td>Critical Success Factors in Adopting eLearning in Higher Learning Institutions: A Case Study of St John’s University of Tanzania</td>
<td>Digital Data Collection, Monitoring, Evaluation and Reporting of a School Development Program in Rwandan Schools</td>
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<td>Speaker(s):</td>
<td>Henk Louw, North-West University, South Africa</td>
<td>for Hearing Impaired Learners Special Schools, Kenya</td>
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<td>Gopala Krishna Naidu Pyndiah, SPES, Mauritius</td>
<td>Backchat: Fast, Easy, Effective Audio Feedback</td>
<td>Effects of Hypermedia on Achievement in Geography</td>
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<td>Free Kids Eco-Friendly Cyber Cafes</td>
<td>Muhammad Nasir Ishaq, E-Hesc Technologies Nigeria Ltd, Nigeria</td>
<td>for Hearing Impaired Learners Special Schools, Kenya</td>
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<td>Intelligent Performance: Superstructuring for Superperformance</td>
<td>Bonface Masaviru, World Possible Kenya, Kenya</td>
<td>for Hearing Impaired Learners Special Schools, Kenya</td>
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<td>Addi Mavengere, Educational Documentary Services Trust, Zimbabwe</td>
<td>Connecting Offline Learners: How Technology is Bridging the Global Information Gap</td>
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# The edTech Ecosystem in Africa

**Demand-Driven Education: Merging Work and Learning to Develop the Human Skills that Matter**

**Are Teachers Ready to Integrate ICTs in Their Teaching?**

**Is it Possible to use Technology to Train Soft Skills for the Workplace?**

## Chairperson(s): Foster Ofosu, African Development Bank, Ivory Coast

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

**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**
Thursday, September 27, 2018

The Use of Mobiles in the Health Sector
The Academia Track
TVET Becomes Digital
Methodologies for Skills Development in Schools

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

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

Chairperson(s):
Peter Pfaffe,
iMove, German

Chairperson(s):
Alexandre Boin,
Swisscontact, Rwand

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

Speaker(s):
Mahid Abdulkarim,
Unity High School, Sudan
The Use of ICT Among Secondary School Students in Sudan

Prof. Christiaan Daniel Jacobs,

Speaker(s):
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

Speaker(s):
Zo Andraina Ratsimbatoha,
Lycée Français de Tamatave, Madagascar
Design of New Curriculum Based on a Dynamic and Multipolar Approach Including ICT

Speaker(s):
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

Speaker(s):
Nadine Pakker,
Health[e]Foundation, The Netherlands
yHEALTH@HAND | Bringing m-health to People: The First Complete App for Mother and Child Care

Winner Chawinga,
Mzuzu University, Malawi
The Use of ICT Among Secondary School Students in Sudan

Speaker(s):
Prof. Christiaan Daniel Jacobs,
Digital and Online Support of Amnesty Students at the University of Africa. Bayelsa State. Nigeria

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

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Ngora Girls Secondary School, Uganda
Finding Solutions to Hunger Poverty and Inequality: (FSTHP) Project Opens Up Technology Use in the Classroom
Thursday, September 27, 2018

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):
Atish Gonsalves,
Humanitarian Leadership Academy, U

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):
Sudhanshu Singh
International Network for ICT in Education and Development: The Secret of Digital Content and Money

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):
David Campbell,
Obihiro University of Agriculture and Veterinary Medicine, Japan

Speaker(s):

The Secret of Digital Content and Money

Susann Dattenberg-Doyle,
Right for Education, UK

Talking to Young Adults: The Process into Responsible Citizenship
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<td>16:30 - 17:45</td>
<td>AD07</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>
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<td>Rebecca Harrison, African Management Initiative, Kenya</td>
<td>Daniel Letoiye, Kenya Wildlife Conservancies Association, Kenya</td>
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<td>Edwin Sabuhoro, ALU School of Wildlife Conservation, Rwanda</td>
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<td>16:30 - 17:30</td>
<td>AD04</td>
<td>Tuning up the eLearning Strategy for the African Context - Mohammed VI Polytechnic University (UM6P) Case</td>
<td>Chairperson(s): Beatrice Okoth, Maseno University, Kenya</td>
<td>Rafiq El Alami, Mohammed VI Polytechnic University, Morocco</td>
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<td>16:30 - 17:45</td>
<td>AD12</td>
<td>Improving Your Digital Literacy</td>
<td>Chairperson(s): Elliott Masie, The MASIE Center, US</td>
<td>Samuel Kizito Sempiri, Wampeewo Ntakke Secondary School, Uganda</td>
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<td>Julian Bbuye, Uganda Management Institute, Uganda</td>
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<td>Digital Literacy: The Case of TESSA MOOC Run in Uganda</td>
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<td>16:30 - 17:45</td>
<td>AD11</td>
<td>Best Practices in the Workplace</td>
<td>Chairperson(s): Liza Veronica Wilmot, Volkswagen Group South Africa, South Africa</td>
<td>Liza Veronica Wilmot, Volkswagen Group South Africa, South Africa</td>
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<td>Pushing Boundaries - How Innovative, Digital Learning Models Can Work Practically and Simply to Drive Manufacturing Efficiency</td>
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<td>Andry Ratsimbason, Airtel, Rwanda</td>
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<td>Using Digital Tools to Enhance Employees' Performance Across Africa</td>
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<td>Mary Elizabeth Atuhaire, Kenya Commercial Bank, Rwanda</td>
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<td>Introducing Innovative Digital Tools to Make Learning and Development Attractive For Employees and Effective For Our Organisation</td>
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<td>Isabelle Kamana, Heineken, Rwanda</td>
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<td>Heineken Development Framework</td>
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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
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

Jan Kennis,
Institute of Tropical Medicine Antwerp, Belgium
Implementing a Learning Management System 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

The Academia Track

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

Speaker(s):
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

Language Learning

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

Speaker(s):
Clément Compaoré,
Deutsch-Uni Online/LMU Munich, Germany

Gilbert Munyemana,
IDEMBE, Rwanda
The Use of Mobile Applications for Language Learning in Africa

Marcos Olasolo,
ETS Global, Spain
Implementing the Blended Learning Method Combining an Authoring Tool with Neuro Language Learning Techniques: A Case Study

Vanessa Komilades,
The British Council, Rwanda
Building Learning Foundations Rwanda: On Line English for Mentors - An Innovative Approach to Continuous Professional Development

Nicolas-Louis Boël,
Altissia, Belgium
Digital Language Learning: Combining Technology and Education to Unite Africa

Enhancing Literacy in Rural Areas

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

Speaker(s):
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?

Jeff Bordes,
Astria Learning, USA
ADL - A Solution to the Textbook Crisis in Africa
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<tr>
<td>15:45 - 16:30</td>
<td><strong>FOYER 1C</strong>&lt;br&gt;POS01&lt;br&gt;Blended Learning at UNISWA: Steps Undertaken / La Mise en Oeuvre de l’Apprentissage Mixte à l’Université du Swaziland: Démarches&lt;br&gt;Chairperson(s):&lt;br&gt;Karen Ferreira-Meyers, Institute of Distance Education - University of Swaziland, Swaziland&lt;br&gt;Speaker(s):&lt;br&gt;Karen Ferreira-Meyers, Institute of Distance Education - University of Swaziland, Swaziland&lt;br&gt;Frank von Danwitz, University of Wuppertal, Germany</td>
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<td>15:45 - 16:30</td>
<td><strong>FOYER 1C</strong>&lt;br&gt;POS02&lt;br&gt;Experts of Advanced Transport Modeling - A Blended Learning Course&lt;br&gt;Chairperson(s):&lt;br&gt;Frank von Danwitz, University of Wuppertal, Germany&lt;br&gt;Speaker(s):&lt;br&gt;Frank von Danwitz, University of Wuppertal, Germany&lt;br&gt;Kamaludeen Samaila, Kebbi State University of Science and Technology, Aliero, Nigeria</td>
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<td>15:45 - 16:30</td>
<td><strong>FOYER 1C</strong>&lt;br&gt;POS03&lt;br&gt;Availability and Utilisation of E-Learning Resources&lt;br&gt;Chairperson(s):&lt;br&gt;Kamaludeen Samaila, Kebbi State University of Science and Technology, Aliero, Nigeria&lt;br&gt;Speaker(s):&lt;br&gt;Kamaludeen Samaila, Kebbi State University of Science and Technology, Aliero, Nigeria&lt;br&gt;Roberte Isimbi, GAGE, Rwanda</td>
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<td>15:45 - 16:30</td>
<td><strong>FOYER 1C</strong>&lt;br&gt;POS04&lt;br&gt;Unpacking the Psycho-Social Drivers and Barriers to Technology Supported Learning and Skills Development Among Rwandan Adolescents&lt;br&gt;Chairperson(s):&lt;br&gt;Roberte Isimbi, GAGE, Rwanda&lt;br&gt;Speaker(s):&lt;br&gt;Roberte Isimbi, GAGE, Rwanda&lt;br&gt;Amy Barnecutt, A Partner in Education, Rwanda</td>
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<td>15:45 - 16:30</td>
<td><strong>FOYER 1C</strong>&lt;br&gt;POS05&lt;br&gt;Using ICT in an Inclusive Classroom&lt;br&gt;Chairperson(s):&lt;br&gt;Amy Barnecutt, A Partner in Education, Rwanda&lt;br&gt;Speaker(s):&lt;br&gt;Amy Barnecutt, A Partner in Education, Rwanda</td>
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</tbody>
</table>
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 Ndjock-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
Initiatives to Increase Youth Employability
Creating High-Quality, Low-Cost Instructional Videos with Screen Capture
eAssessment in the Eye of Sight
National Strategies to Improve Employability

Chairpersons:
Patricia Gores, Invest in Africa Now!, Belgium
Irene Maweu, e/merge Africa, Kenya
Russell McMahon, University of Cincinnati, US

Speaker(s):
Samuel Yesashimwe, Digital Opportunity Trust, Rwanda
Wilhelm Oddo, NLab Innovation Academy, Tanzania
Lisa Stern, UConnect, Uganda
Evode Mukama, University of Rwanda, Rwanda

Changing the Future of Africa, One Step at a Time
Digital Ambassadors - Connecting the Unconnected
Young eLearning Agents Train Peers From Home in Dar es Salaam
iRebero Smart Community: Driving Employability and Self-Reliance Through an ICT Ecosystem Model
Using Technology Innovations to Empower Youths in Malawi

Chairpersons:
Marshall Thomas, University of Global Health Equity, Rwanda

Speaker(s):
Marshall Thomas, University of Global Health Equity, Rwanda

Title: TBA
### Health & Blended Learning

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

**Speaker(s):**
Anna E. Schmaus-Klughammer, Deggendorf Institute of Technology, Germany

*Health Informatics Education in LMICs and Blended Learning in a South-North-South Collaboration*

_Sandra Barteit,
Heidelberg University, Germany_

_How a Zambian-German-Swiss Cooperation Supports Higher Medical Education in Zambia_

### Reinventing Academic Libraries

**Chairperson(s):**
Rwagasana Gerard, University of Technology and Arts of Byumba, Rwanda

**Speaker(s):**
Miriam Conteh-Morgan, University of Sierra Leone, Sierra Leone

*Strengthening Research, Teaching and Learning Capacities in Sierra Leone: The Library Consortium-NREN Nexus*

_Buhle Mbambo-Thata, African Library and Information Associations and Institutions, South Africa_*

_Academic Libraries in eLearning Environments: A Collaborative Approach_

### Adult Literacy

**Chairperson(s):**
Sheila Jagannathan, The World Bank, US

**Speaker(s):**
Segun Abiri, Literacy for Adult and Education for Women Initiative, Nigeria

*Learning in Context: Inclusiveness of Adult Literacy*

_Andreas Hoerfurter, Common Sense eLearning & Training Consultants, Austria_*

*Reaching an Illiterate Target Group with an Interactive Moodle App_

_Susana Munoz-Hernandez, Universidad Politécnica de Madrid, Spain_*

_DISCUSSING CURRENT SOLUTIONS FOR DIGITAL LITERACY AT RURAL AREAS_

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

**Chairperson(s):**
Harold Elletson, eLearning Africa Report / Institute for Statecraft, UK

**Speaker(s):**
Martin Dougiamas, Moodle, Australia

_Ediphonse Ngemera Nfuka, The Open University of Tanzania, Tanzania_*

_Paul Muyinda, Makerere University, Uganda_*

_Mildred Ayere, Maseno University, Kenya_*
### The Prospect for MOOCs?

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

**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: Experiences, Lecons Apprises et Perspectives*

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### Innovative Networking Experiences

**Chairperson(s):**

**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 Opiyoh, Maseno University, Kenya
  *MOOCs in Africa: Challenges and Opportunities*

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### Employability Skills Training Methods

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

**Speaker(s):**
- 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: Experiences, Lecons Apprises et Perspectives*
- Jodi Lis, IEEE IC Industry Consortium on Learning Engineering, USA
  *Creating an African Chapter for Learning Engineering*

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

**Chairperson(s):**

**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*
- Jacqueline Strecker, United Nations High Commissioner for Refugees, Kenya
  *Creating an African Chapter for Learning Engineering*
Learning with Drones: Innovation Meets Communication and Context

Chairpersons:
Donald Clark,
WildFire Learning, U
David Mandelbaum,
Zipline International, Rwanda &
Mammy Ingabire,
Charis UAS, Rwanda
Title: TBA

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

Improving Workplace Learning in the Public Sector

Chairpersons:
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
Kofi Barimah,
Ghana Technology University College, Ghana
Jean de Dieu Gatete,
Maternal and Child Survival Program, Rwanda
Mudukula Mukubi,
Ndola Nutrition Organisation, Zambia

Speaker(s):
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
Kofi Barimah,
Ghana Technology University College, Ghana
Jean de Dieu Gatete,
Maternal and Child Survival Program, Rwanda
Mudukula Mukubi,
Ndola Nutrition Organisation, Zambia

Social Networks for Education

Chairpersons:
Carla Aerts,
TmrwInstitute, U
Sam James Murungi Kaheru,
University of Venda, South Africa
Satu Järvinen,
SkillSafari, Finland

Speaker(s):
Carla Aerts,
TmrwInstitute, U
Sam James Murungi Kaheru,
University of Venda, South Africa
Satu Järvinen,
SkillSafari, Finland

Can ICTs Help Combat Malnutrition?

Chairpersons:
Albert Nsengiyumwa,
ICT4D & Skills Development, Rwanda
Kofi Barimah,
Ghana Technology University College, Ghana

Speaker(s):
Albert Nsengiyumwa,
ICT4D & Skills Development, Rwanda
Kofi Barimah,
Ghana Technology University College, Ghana

Title: TBA

Speaker(s):
TBA
TBA
TBA

Wellars Gasamagera,
Rwanda Management Institute, Rwanda
Enhancing Efficiency and Effectiveness of Rwanda’s Public Institutions through ICT-Supported Human Resource Development and Capacity Building

The Use of eLearning to Enhance a Nutrition Program in a Ghanaian University
Exploring Alternative Models in Training Health Care Providers
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>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Chairperson(s)</th>
<th>Speaker(s)</th>
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<tbody>
<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>
<td>Andrew Gasozi Ntwali, VVOB Rwanda, Rwanda</td>
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<td>FOYER 1C</td>
<td>Transforming Continuous Professional Development of School Leaders and Teachers in Basic Education in Rwanda through eMonitoring</td>
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<td>Kerstin Schultheiss, Flensburg University of Applied Sciences, Germany</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>
<td>Vincent Baron, IAVFF-Agreenium, France</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>Kerstin Schultheiss, Flensburg University of Applied Sciences, Germany</td>
<td>Vincent Baron, IAVFF-Agreenium, France</td>
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<td>15:45 - 16:30</td>
<td><strong>Towards Enhancing Online Course Design Using Learning Analytics</strong></td>
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<td><strong>Digital Pedagogical Reasoning Within Professional Management Schools at Higher Education Institutions</strong></td>
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<td>POS10</td>
<td><strong>Going Online: Unbundling and the Role of the Market in South African Higher Education</strong></td>
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<td>FOYER 1C</td>
<td><strong>Projet de Redevabilité Sociale pour Le Ministère de l'Education Primaire et Secondaire en RDC: Allo Ecole</strong></td>
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**Chairperson(s):**

- **Felix Bwire,** Busitema University, Uganda
- **Nazira BeeBee Hoosen,** University of the Witwatersrand, Johannesburg, South Africa
- **Sukaina Walji,** Centre for Innovation in Learning & Teaching, University of Cape Town, South Africa
- **Samuel Mwimba,** VIAMO, Congo (DRC)
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