



eLearning  
Africa



14<sup>th</sup> International Conference & Exhibition on  
ICT for Education, Training & Skills Development

Abidjan  
Côte d'Ivoire  
Oct 23 → 25  
2019



# Programme eLearning Africa 2019

Day 1

Day 2

Day 3

## The eLearning Africa Exhibition

International exhibitors showcasing the best products and services on the market

### MRT

High-level Ministerial Round Table - by invitation only

### Moodle Moot Africa

Special Workshop

### Workshops

Hands-on, skill-building

### Thursday Plenary

### Friday Plenary

### Parallel Sessions

70+ Interactive Breakout Sessions including tracks for the workplace, the education and the public sector

### Participants' Reception

### Plenary Debate

### Side events

In the past, these events have included bilateral meetings, cocktail receptions, field trips and more. Details TBC.

### Backchannel

The active and dynamic conference backchannel offers another platform of exchange and exposure: #eLA19



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).

**Thursday, October 24, 2019**

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Auditorium 09:00 - 10:45

PLENARY01

**Thursday Plenary: The Keys to Africa's Future**

What is the role of education in preparing Africans for the future and how will it have to change? Today's youngsters will have to compete in a very different labour market tomorrow. They will face the challenges of rapidly increasing technological change and a 4th Industrial revolution. How can we equip them to create social progress and prosperity for all Africans? What is the role of education, how should it be organised and what should our priorities be? How can technology enable African education and training to rise to the array of new challenges facing them? Join us to hear some innovative and disruptive ideas about the future that rethink the purpose of education and reboot the programme for African educators.

**Chairperson(s):**

**Albert Nsengiyumva,**

ADEA, Côte d'Ivoire

**Speaker(s):**

**Efosa Ojomo,**

Clayton Christensen Institute for Disruptive Innovation, USA

**Martin Dougiamas,**

Moodle, Australia

**Prof N'Dri Thérèse Assié-Lumumba,**

Cornell University, USA

**Hon. Kandia Kamissoko Camara,**

Ministère de l'Éducation Nationale, de l'Enseignement technique et de la Formation professionnelle, Côte d'Ivoire

Daloa 11:45 - 12:45

INC01

### **The Community in Action: Experience of the Committee of Masisi**

This session aims to show the experience to involve community leaders in areas of armed conflict once the emergency ends, to reintegrate people from all ages into their community providing each target with appropriate activities according to their age: education, family support and monitoring. From this experience some associations, NGOs and other actors can learn how to be effective in their humanitarian and social interventions.

**Chairperson(s):**

**Hortense Kavuo Maliro,**

AISHP, Congo (DRC)

Aboisso 11:45 - 13:00

EDU02

### **The Future of Education**

The future of education needs a massive rethink, not a tinkering round the edges, to make education robust and relevant for the world learners will face in 2050. We need to redesign education systems to address persistent inequalities, social fragmentation and political extremism, and take into account the impact of the fourth industrial revolution.

**Chairperson(s):**

**Michelle Selinger,**

EdTech Ventures, UK

Bassam 11:30 - 13:00

HEI03

### **Transnational Cooperation in Higher Education and Training**

The objective of this session is to present feedback on international cooperation in HET and on the development prospects offered by the digital revolution in higher education and lifelong learning.

**Chairperson(s):**

**Jacques Dang,**

HEC, France

Balafon 11:30 - 12:45

TEC04

### **Game on! How to Use Gamification in International Cooperation**

What is the core of Gamification? What is the difference between Gamification and Serious Games? How can I use these innovative approaches in my own projects? In this session, we will cover the basics of Gamification, look at its benefits in education and explore some advanced techniques. The learnings will be set into the context of International Cooperation with two GIZ project experiences in Yemen and Egypt. Join us in this interactive learning adventure!

**Chairperson(s):**

**Philipp Busch,**

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, Germany

Daoukro 11:30 - 12:45

SKI05

### **The Right Skills: Defining the Skills Africa Will Need in the Future**

More than half of Africa's population is millennial and as technological advancements continue to affect the nature of work and skills globally, there is still a gap to provide the adequate digital technology skills that the labour market demands. Join this session to learn and to share ideas of how to define the skills Africa will need in the future.

**Chairperson(s):**

**Donnalee Donaldson,**

Educate!, Rwanda

**Speaker(s):**

**Speaker(s):**

**Stephen Downes,**  
National Research Council Canada,  
Canada

**Mark West,**  
UNESCO, France  
*Introducing UNESCO's New Futures of  
Education Initiative*

**Matias Matias,**  
HP Inc, USA  
*Classroom of the Future: From Concept to  
Execution*

**Speaker(s):**

**Pascal Barbier,**  
Ecole Nationale des Sciences  
Géographiques, France

**Paterne Aymar Bazebizonza,**  
Total E&P Congo - ESG Management  
School, Congo

**Amadou Diawara,**  
FAMIB, Mali

**Frédéric Dohou,**  
RUSTA, Benin

**Antoine Dubost,**  
Chaucot-Dubost, France

**Florence Ducreau,**  
Université de Lorraine, France

**Aboul Malick Diallo,**  
Ministère de l'Economie Numérique et de  
la Prospective, Mali

**Speaker(s):**

**Speaker(s):**

**Gaston Donnat Bappa,**  
Chefferie du Village de Ndjock-Nkong,  
Cameroon  
*Résoudre la Grave Crise de  
l'Apprentissage qui Mine la Croissance  
Economique de l'Afrique*  
**Foster Ofosu,**  
African Development Bank, Côte d'Ivoire

Auditorium 11:30 - 13:00

TEA06

### **Empowering Educators through Continuous Professional Development**

How can technology enhanced learning increase the effectiveness of continuous professional development opportunities for teachers and 'school leaders'? This session will inspire teachers and bring them on a digital journey through innovative models that will help them become more competitive and prepared for the future.

**Chairperson(s):**

**Charles Senkondo,**

Tanzania Development Learning Centre, Tanzania

Odienné 11:30 - 13:00

EMP07

### **Promoting Entrepreneurship in Africa**

The challenge for Africa is to move from tackling unemployment to looking at how entrepreneurial activity can add value, employ more young people, and create sustainable livelihoods. This session will demonstrate how the demand for entrepreneurial training and skills can be met outside traditional channels and it will explore different initiatives to attract both learners and entrepreneurs.

**Chairperson(s):**

**Joseph Nsengimana,**

Mastercard Foundation, Rwanda

Chandelier Lagune 11:30 - 13:00

SKIo8

### **The Relevance of Technical and Vocational Education and Training (TVET)**

Technical and Vocational Education is crucial for the African economic system. The level of ICT competence for VET Trainers and their willingness to use technology is directly linked. What can be done to encourage TVET trainers to use ICTs to improve their quality of teaching? Different approaches to promote TVET and ICTs will be discussed during this session.

**Chairperson(s):**

**Peter Pfaffe,**

iMOVE: Training - Made in Germany, Germany

San Pedro 11:45 - 12:45

EXP09

### **Discovery Demos**

Join our 'Discovery Demos' to experience innovative examples of technology supported learning in action in a variety of situations and sectors. Following the 'show and tell' principle, you will have the chance to interact with the developers and creators of 'next-rev' tools, products and solutions.

**Chairperson(s):**

**Speaker(s):****Charles Bassey-Eyo,**

Axiom Learning Solutions Limited, Nigeria  
*Upscaling Teacher Quality Using Technology for Continuous Professional Development*

**Théoneste Ntalindwa,**

University of Rwanda, Rwanda  
*Blending the Continuous Professional Development (CPD) of School Leaders in Rwanda*

**Richard Kajumbula,**

Makerere University, Uganda  
*The Sub-Saharan Africa Onlinisation Pedagogy: A Cross-Fertilisation of the Global South and North Online Education Pedagogies*

**Aziz El Hajir,**

ISESCO, Morocco  
*ICT & Leadership for Teachers' Professional Development. ISESCO's Initiatives*

**Speaker(s):****Conrad Law,**

Applied Learning Solutions LLC, USA  
*Online Entrepreneurial Certificate Program for Africans*

**Lee Jonghyun,**

National IT Industry Promotion Agency, South Korea  
*Gateway to Asia for Startups "The K-Startup Grand Challenge"*

**Speaker(s):****Dr Yao Kouassi,**

Consultant Expert Education/Formation, Côte d'Ivoire  
*Adequation formation-emploi: A la recherche d'un modèle innovant pour l'Enseignement Technique et la Formation Professionnelle (ETFP) en Côte d'Ivoire*

**Ndakolute Stephanus Abraham,**

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, Namibia  
*Developing and Delivering eLearning Solutions for Vocational Institutions: Challenges and Opportunities*

**Speaker(s):****Sidibé Lassina,**

Ministère de l'Education Nationale, Côte d'Ivoire  
*Laboratoire Virtuel*

**Alain Court,**

International Committee of Red Cross (ICRC), Switzerland  
*Use of Scenari Publishing Chain in the ICRC to Produce Robust and Sustainable Learning Resources*

**Dr Younés Boughzala,**

Le Sphinx MEA, Tunisia  
*Data visualisation ou data storytelling : le design thinking au service de l'analyse statistique des données avec les solutions Sphinx*

**Eric Hagley,**

Muroran Institute of Technology, Japan  
*The International Virtual Exchange Project: Bringing the World to Your Classroom*

**Prof. Judith McKenzie,**

Teacher Empowerment for Disability Inclusion, South Africa  
*Using Massive Open Online Courses to Empower Teachers of Learners with Disabilities*

**Mark Hoeksma,**

Edukans - University of Amsterdam, The Netherlands  
*Improving Education Quality on Scale with EduQ-card*

**Alassane Diop,**

Université Virtuelle du Sénégal - UVS, Senegal  
*Conception de livres numériques modulaires multimédias à base de REL (ressource éducative libre)*

Daloa 14:30 - 15:30

HEI10

### What Role Can Open Science Play in Enabling South-North Dialogues?

Participants of this Knowledge Exchange Session will learn how an open repository specific for the African research community can trigger interdisciplinary research within the continent as well as globally, with research institutions overseas. The aim of this platform is to provide more visibility and more opportunities to African scientists.

**Chairperson(s):**

**Justin Sègbédji Ahinon,**

AfricArXiv, Benin

Auditorium 14:30 - 16:00

HEI11

### How Open Universities are Transforming Africa's Higher Education

Distance education has undergone a rapid change. This session will explore how higher education institutions are implementing strategies to use innovative technologies in order to accommodate the maximum number of students while improving the quality of learning.

**Chairperson(s):**

**Kader Kaneye,**

African Development University - ADU, Niger

Chandelier Lagune 14:30 - 16:00

EMP12

### Youth Empowerment in the Digital "World"

Young Africans need to be prepared for the digital disruptions that will transform the future of work in their countries. Which skills will they need for the digital future? Join this session to learn from different initiatives focused on digital inclusion, which are helping to make the African Fourth Industrial Revolution a reality.

**Chairperson(s):**

**Erick Gankam Tambo,**

Pan African University Institute for Water and Energy Sciences (PAUWES), Algeria

Bassam 14:30 - 16:00

SKI13

### Dual TVET Made in Germany: Developing Skills for Employability

In recent years approaches of Dual TVET (work-based learning / learning in the work-process) have gained world-wide popularity. German expertise is in demand for both private and government stakeholders alike. However, to cooperate with German training providers, it is not necessary to adopt the system as a whole. This panel represents a selection of highly experienced TVET providers whose competency in the field is rooted in the German System of TVET. The debate offers examples of best practice and an exchange of experiences around the issue.

**Chairperson(s):**

**Peter Pfaffe,**

iMOVE: Training - Made in Germany, Germany

Daoukro 14:45 - 15:45

AGR14

### Platforms for Promoting Capacity Building and Land Management for Farmers

Is it possible to modernise the agriculture sector with ICTs and to train traditional farmers the same way as young ones? This session will showcase specific eLearning platforms, providing the audience with the tools and inspiration to develop new eLearning programmes enhanced by collaboration possibilities.

**Chairperson(s):**

**Dr Harold Elletson,**

eLearning Africa Report, UK



**Speaker(s):**

**Speaker(s):**

**Salha Mohammed Abdo,**  
Open University of Sudan, Sudan  
*Transformative Technologies Tools - A  
Case Study: Open University of Sudan*

**Edephonce Ngemera Nfuka,**  
The Open University of Tanzania, Tanzania  
*Innovative technologies contribution to  
the improvement of access and quality  
of Africa's higher education - A Case of  
Open University of Tanzania*

**Dr Bi Séhi Antoine Mian,**  
Université Virtuelle de Côte d'Ivoire, Côte  
d'Ivoire  
*L'Université virtuelle de Côte d'Ivoire  
(UVCI), une innovation dans  
l'enseignement supérieur ivoirien*

**Karen Ferreira-Meyers,**  
Institute of Distance Education, University  
of Eswatini, Eswatini  
*New Directions for Distance Education  
Institutions: The Case of Eswatini*

**Speaker(s):**

**Theode Niyirinda,**  
Gayaza High School, Uganda  
*Inspiring Creativity and Innovations in  
Schools: A Case Study of Gayaza High  
School*

**Llewellyn Scholtz,**  
Genesis Community IT Initiative, South  
Africa  
*Skills Hubs to Effect Community  
Development, Social Transformation and  
the Readiness of the 4th Industrial  
Revolution*

**Violette Uwamutara,**  
Digital Opportunity Trust Rwanda, Canada  
*Empowering the Next Generation: The  
Impact of DOT's Digital Ambassadors'  
Program on Youth Leadership and  
Employability*

**Speaker(s):**

**Nadja Strein,**  
Didacta Association, Germany

**Dmitry Kushnikovskiy,**  
leXsolar GmbH, Germany

**Heiko Miedlich,**  
WBS TRAINING AG, Germany

**Nadja Parcsami,**  
Dr.-Ing. Paul Christiani GmbH & Co. KG,  
Germany

**Anita Stangl,**  
Medien LB GmbH, Germany

**Dr Nader Imani,**  
Festo Didactic SE, Germany

**Gerald Stékly,**  
Team Connex AG, Germany

**Seydou Dieng,**  
LD Didactic GmbH, Germany

**Speaker(s):**

**Dr Pamela Duran Diaz,**  
Technical University of Munich, Germany  
*e-Learning Packages in Smart and  
Responsible Land Management in Africa*  
**Didier Krumm,**  
Swisscontact, Morocco  
*Digitalized Field Farm Schools*

Balafon 14:30 - 15:45

TEA15

### Digital Literacy for Teachers and Trainers

With the increasing use of ICTs in education, there is a pressing need for teachers to be digitally literate. How can we empower teachers with the appropriate digital skills and provide them with adequate digital resources? Are the main challenges personal or technical? Join this session to share your opinions and experiences.

**Chairperson(s):**

**Mona Laroussi,**

Institute of Francophonie for Education and Training, Senegal

**Speaker(s):**

**Christian Hoffmann,**

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, Guinea  
*Les débuts de la numérisation dans la formation des enseignant(e)s du primaire en Guinée*

**Désiré Magloire Feugueng,**

MOOCs For Development, Cameroon  
*Quelles compétences technopédagogiques nécessaires pour un enseignant de STEM aujourd'hui ?*

San Pedro 14:30 - 16:00

HE16

### Sustaining Transformation in Quality and Relevance of East African Universities

This interactive panel will explore experiences to develop students' skills and attitudes that foster entrepreneurship, creativity, persistence and ambition. It will also focus on strategies to enhance teaching and learning that are universally relevant, transcend traditional academic disciplines, and support diverse occupational and community needs.

**Chairperson(s):**

**Joseph Hoffman,**

SPHEIR - Strategic Partnerships for Higher Education Innovation & Reform, UK

**Speaker(s):**

**Dr Antoinette C. Tsiboe-Darko,**

Centre for Social Policy Studies, University of Ghana, Ghana  
&

**Dr Maximiano Ngabirano,**

Uganda Martyrs University, Uganda  
&

**Dr Rhoda Gitonga,**

Kenyatta University, Kenya  
*Panel: Sustaining Transformation in Quality and Relevance of East African Universities*

Odienné 14:30 - 16:00

EDU17

### The Impact of Technology on Learners' Outcomes

Based on research evidence, this session examines many of the factors that can contribute to successful learning in using relevant digital resources and virtual learning environments. Students' and teachers' perceptions of these digital environments and cultural relevance are some of the contributory factors that will be discussed.

**Chairperson(s):**

**David Hollow,**

The EdTech Hub, UK

**Speaker(s):**

**Mary Ooko,**

University of Pretoria, South Africa  
*To Determine the Impact of Technology Adoption on Teaching and Learning*

**Afif Rustom,**

VitalSource, GBR  
*The Digital Opportunity: Digital Resources and the Impact on Student Success and Outcomes*

**Andy Nobes,**

INASP, UK  
*Context Matters - Human Factors Affecting the eLearning Journey in Africa*

**James Earl,**

The Skills Network, UK  
*Utilising Learning Technology to Introduce UK Distance Learning Qualifications to Schools and the Corporate Workforce*

Aboisso 14:30 - 15:45

SKI18

### Informal Methods for Language Learning

What are the challenges of teaching second language in multilingual contexts? And how can digital tools add value to traditional language teaching methods? Join this session to find out from mobile to blended methodologies that have proved to be successful for this crucial and highly demanded skill.

**Chairperson(s):**

**Michelle Selinger,**

EdTech Ventures, UK

**Speaker(s):**

**Julia Stanton,**

British Council, Ethiopia  
*Using Digital Technology to Improve English Language Proficiency in Francophone Countries*

**Nathalie Blandine N'Guessan,**

Ashesi University, Ghana  
*The Impact of a Mobile App for Learning French as a Foreign Language*

**Marcos Olasolo,**

ETS Global, France  
*Using Blended Instruction to Increase Student Achievement and Persistence in Developing Countries: An Evidence-Based Case Study*

**Hachim Badry,**

ALTISSIA International, Morocco  
*Supporting Teachers in Making the Most of Online Language Learning Opportunities*

Auditorium 16:30 - 18:00

HEI19

### Redefining Teaching and Learning in Universities

The advancement of technology is having a huge impact on higher education, research and development, especially for lecturers and students. But does the use of technology really facilitate the learning process? This academic session will demonstrate that when ICTs are used responsibly, the quality of education improves.

**Chairperson(s):**

**Gordon Slaven,**

Slaven Consultancy Services Ltd., UK

**Speaker(s):**

**Muhammed Isah,**

Waziri Umaru Federal Polytechnic, Nigeria  
*Development of Modern Technology in Enhancing the Effectiveness of Modern Education in the 21st Century*

**Henrik Hansson,**

Stockholm University, Sweden  
*Global Dream Team Will Change the World*

San Pedro 16:30 - 18:00

EMP20

### Employment Promotion in the Digital "World"

Are academic curricula appropriate to address the challenges of the African labour market? If the future of work is more likely to be based on competences, rather than credentials, how can education systems provide workers with the necessary skills for an ever-changing world? Join this lively session to learn about breakthrough initiatives that aim to prepare young people for employment in the digital world.

**Chairperson(s):**

**Lea Simpson,**

The EdTech Hub and Brink, UK

**Speaker(s):**

**Erick Gankam Tambo,**

Pan African University Institute for Water and Energy Sciences (PAUWES), Algeria  
*Transforming Master Theses into Products and Successful Businesses*

**Jide King,**

WAVE (West Africa Vocational Education), Nigeria  
*Competency Over Credentials: The Future of Education*

Katiola 16:30 - 17:45

HEI21

### Exploring North-South Digital Collaboration Experiences

Educational institutions are called upon to adapt and renew their online training methods and their pedagogical design by identifying and sharing innovative practices to ensure the quality of online training. Combining online and face-to-face training in North-South collaborative projects has proved to be a successful method to meet the training needs of students and lifelong learners.

**Chairperson(s):**

**Gaston Donnat Bappa,**

Chefferie du Village de Ndjock-Nkong, Cameroon

**Speaker(s):**

**Dr Charlie Mballa,**

Faculté Saint-Jean - Université de l'Alberta, Canada  
*Évaluer la fracture numérique Nord-Sud et faire évoluer les communautés de pratiques grâce au 'design pédagogique'*

**Celine de Quatrebarbes,**

Fondation pour les études et recherches en développement international, France  
*L'hybridation pour la co-construction de formations Nord-Sud*

Daloa 16:30 - 17:30

AGR22

### Using ICTs for the Diagnosis of Plant Diseases

Plants play a critical role in the livelihood of many societies across the world. However, they are prone to attack by different diseases. This session will show how to develop a machine learning model for the automatic detection and classification of plant diseases, using a mobile phone. It will also focus on new eLearning courses that are available to African students and farmers.

**Chairperson(s):**

**Jennifer Rose Aduwo,**

Uganda Management Institute, Uganda

**Speaker(s):**

Bassam 16:30 - 17:45

SKI23

### Coding in Schools

Africa needs properly prepared professionals, who are digitally literate and can ensure young Africans are provided with the technical and soft skills they need to excel in their careers. Join this session to learn from state-of-the-art initiatives to introduce coding to kids at a young age and see how to build a better future for Africa.

**Chairperson(s):**

**Alice Barlow-Zambodla,**

e/merge Africa Network, South Africa

**Speaker(s):**

**Hemraj Ramsurrun,**

Rajiv Gandhi Science Centre, Mauritius  
*Engaging Youth in Coding: The Africa Code Week Initiative in Mauritius*

**Christelle Scharff,**

Pace University/mJangale, USA/Senegal, USA

*Teaching Coding to Youth in Africa: A Landscape Survey*

**Kwasi Adi-Dako,**

Moringa School, Kenya  
*How Coding Schools Can Transform Africa's Economy*

Chandelier Lagune 16:30 - 18:00

HLT24

### New Skills for Health Care Professionals

Several digital learning initiatives are being launched to enable healthcare professionals to have access to continuous professional development through digital resources. There are some major efforts to enhance skills acquisition and ensure a better-trained workforce. What are they and where are they happening? What are the biggest challenges for healthcare professionals to update their knowledge and acquire new skills?

**Chairperson(s):**

**Prof. Janvier Gasana,**

Kuwait University Faculty of Public Health, Kuwait

**Speaker(s):**

**Augustine Mwangi,**

University of Nairobi, Kenya

*Institutional Factors: The Paradox of Mobile Learning Adoption in Low Resource Community Settings in Kenya*

**Zabron Abel Mwankupili,**

Tanzanian Training Centre for International Health, Tanzania

*CPD Enabled Digital Learning for In-service Health Workers in Tanzania*

**Dr Tamba Mina Millimouno,**

Centre National de Formation et de Recherche en Santé Rurale de Maferinyah, Guinea

*Solution eLearning pour le renforcement des capacités des professionnels de santé : expérience de la Guinée*

**Habtamu Berhe Mekonnen,**

SI | AIDSFree, Ethiopia

*Pioneering a Scalable Capacity Building Approach in the Health Sector in Ethiopia: IPLS e-Learning Course*

Daoukro 16:45 - 18:00

SKI25

### Virtual Labs for STEM Promotion

Many students in Africa have very limited access to the latest equipment and technologies. During this session, we will explore how interactive virtual tools that provide with many opportunities to practice laboratory techniques and perform authentic workplace tasks online, whilst promoting science education in an attractive and exciting manner.

**Chairperson(s):**

**Irene Maweu Mutunga,**

Innovafrica, Kenya

**Speaker(s):**

**John Onyango Agumba,**

Pwani University, Kenya

*Online Real-Time Science Laboratory Workstation for Real-Time Conduction of Experiments by Engineering and Science Students*

**Isso Bayala,**

Quincy College, Massachusetts, USA, USA

*Highly Interactive e-Learning Environment for Teaching and Learning Latest Technologies in Places with Limited Educational Tools*

Aboisso 16:30 - 17:45

INC26

### Improving Connectivity in Remote Areas

We can keep talking about technology for education but connectivity is still a major issue to be addressed in Africa. Join this session to find out about solutions that provide affordable access to internet and offline educational services and content, anywhere.

**Chairperson(s):**

**Hon. Michael Onyango,**

Distributed Ledgers & Artificial Intelligence TaskForce, Government of Kenya, Kenya

**Speaker(s):**

**Leszek Lewoc,**

PCG Academia, Poland

*Online Selection in an "Off-line" Country*

**Matias Matias,**

HP Inc, USA

Odienné 16:45 - 18:00

SKI27

### Financial Education and Life Skills

Financial education teaches such important skills as saving, budgeting and engaging in social and financial enterprises. This knowledge, part of the daily life for everyone, is hardly taught in schools or universities. Whether you are an SME or just interested in learning more about it, join this session to hear about what is being done to make sure this content reaches everyone.

**Chairperson(s):**

**Ferhana Dostmohamed,**

FD Learning Consulting, Canada

**Speaker(s):**

**Aleesha Boolaky,**

University of Technology Mauritius, Mauritius

*An Online Digital Education Platform for Promoting Adoption of e-Banking Tools by Women Entrepreneurs in Mauritius*

**Max Kyei Baffour,**

Aflatoun International, The Netherlands

*The Evolution of Financial Literacy Education For Digital Platforms*

**Friday, October 25, 2019**

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Auditorium 09:15 - 11:00

PLENARY02

**Friday Plenary: Turning Talent into Skills and Skills into Success**

Africa has the world's most youthful, growing population. What do young Africans want? What do they need to transform their talent into tomorrow's skills? And how can they turn new skills into success? How can we help to facilitate change and make it sustainable? How can technology enable innovation? And how can innovation become an enabler for learning and employment at scale? The ideas and opinions of our panel of experts in this lively and provocative session will not leave anyone indifferent!

**Chairperson(s):**

**Prof. N'golo Aboudou Soro,**

UNESCO, Côte d'Ivoire

**Speaker(s):**

**Linda Nanan Vallée,**

Fondation Jeunesse Numérique, Côte d'Ivoire

**Mahid Abdulkarim,**

Unity High School, Sudan

**Jef Staes,**

Red Monkey, Belgium

**H.E. Dr Ekwow Spio-Garbrah,**

Chairman of African Business Center for Developing Education and SolarFi, former Minister of Education, Ghana

Exhibition Hall 11:00 - 11:45

POS01

### Poster Presentations

With the "show and tell" principle, poster presentations will give you the chance to interact with those presenting a broad range of learning technology research, practice and policy best practices in Higher Education, contributions of academics and innovators, while you engage and discuss around the theme and keep your network growing.

#### Chairperson(s):

#### Speaker(s):

**Michael Umale Adikwu,**

University of Abuja, Nigeria

*The Nigerian Research and Education Network (NgREN): A Case of a National Solution to Internet Connectivity*

**Petros Roumeliotis,**

EVIA, Greece

*Superperforming Africa: How We Can Design and Develop Massive Performance Capabilities in Africa*

**Kago Moakofhi Moakofhi,**

Botswana University of Agriculture and Natural Resources, Botswana

*Using TAM to Predict Lecturers' Acceptance of Moodle: A Case of BUAN*

**Placide Mbella Ebongue,**

Govan Mbeki Mathematics Development Centre - Nelson Mandela University, South Africa

*The Development of Android Applications within a Techno-blended Model for Mathematics Teaching and Learning in South Africa*

**Dimitri Smith,**

Amaris Côte d'Ivoire, Côte d'Ivoire

*La blockchain : une technologie pour vérifier l'authenticité de vos diplômes*

**Kouame Fernand,**

UVCI, Côte d'Ivoire

*Outils E-Research et formation à la recherche à l'Université Virtuelle de Côte d'Ivoire*

Odienné 11:45 - 13:00

HEI28

**Virtual Learning Experiences**

Distance is no longer an issue in achieving high level collaborative targets. Virtual classrooms and virtual collaborative platforms allow users to engage and participate in remote collaborative work and research. How can virtual learning models, tools, strategies and approaches be used to facilitate effective online capacity building, collaborative research and managing remote teams?

**Chairperson(s):**

**Andreas Hoerfurter,**

common sense - eLearning & training consultants GmbH, Austria

**Speaker(s):**

**Alice Barlow-Zambodla,**

e/merge Africa Network, South Africa  
*Models of Online Engagement, Learning and Collaboration*

**Fredrik Fogelberg,**

Nomadic International Business Psychology, The Netherlands  
*Live Online Learning: How to Design and Deliver Engaging Online Training Sessions*

Auditorium 11:45 - 13:00

HEI29

**Exploring the Impact of OERs to Promote Borderless Education**

Can Open Educational Resources connect learners across different continents? How can these resources help learners to become more employable and to develop the skills they need to evolve and grow? Can they build capacity and skills on a global scale to improve development outcomes?

**Chairperson(s):**

**Perrine De Coëtlogon,**

Université de Lille, France

**Speaker(s):**

**Sidiki Traore,**

Distance Education For Africa, Kenya  
*Leveraging Open Educational Resources (OER), Social Media and Mobile Learning in Africa*

**Dimitrios Noukakis,**

Ecole Polytechnique Fédérale de Lausanne, Switzerland  
*Programme de Formation en Ingénierie Pédagogique 2018 : Concept, Résultats et Leçons Apprises dans Trois Institutions Africaines Francophones*

**Nina Brandner,**

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, Germany  
*Open Educational Resources: Perceptions and Misperceptions*

Bassam 11:45 - 13:00

SKI30

**Soft Skills, Industry specific skills Competency Frameworks and their Tools to Support Learners' Employability**

The objective of this session is to present the approach to soft skills and industry specific skills in higher education and training, the frameworks and tools that have been developed, and their combined role in improving the employability of students and learners.

**Chairperson(s):**

**Jacques Dang,**

HEC, France

**Speaker(s):**

**Vincent Beillevaire,**

Université Numérique en sciences de l'ingénieur et en technologie, France

**Paul Ginies,**

Centre des métiers de l'électricité - Compagnie Ivoirienne d'électricité, Côte d'Ivoire

**Latifa Dior Diack,**

Côte d'Ivoire

**Gérard Casanova,**

Université de Lorraine, France

Katiola 11:45 - 12:45

AGR31

**Smart Use of ICTs for Agriculture**

Many farmers in Africa lack both a basic education and access to crucial information, which makes teaching and learning farming practices a challenging process. How can ICTs be used in an effective manner to improve agriculture on the continent? Join this session to learn how to build capacity by combining traditional methods with the adoption of new technology.

**Chairperson(s):**

**Dr Harold Elletson,**

eLearning Africa Report, UK

**Speaker(s):**

**Edwin Aguddah,**

Sehai Foods Limited, Nigeria &

**Bisan A. Habu,**

GEYIBA Agro Development Service, Nigeria

*Optimisation of Honey Production and Quality through Private Sector Led Specialised Farmer Training*

**Leopold Reif,**

SNTL Publishing, Germany  
*The Fall Armyworm Battle Game - Mobile Educational Knowledge Tournaments with Impact Measuring in African Agricultural Training*

Chandelier Lagune 11:45 - 13:00

TEA32

**How to Motivate and Empower Teachers**

The quality of teachers is paramount to ensure a high quality of education. Teachers need to be a highly skilled workforce embracing 21st century skills and innovation while integrating ICTs in their teaching. Join this session to hear about innovative methods that aim to improve teachers' performance, whilst motivating and encouraging them to embrace innovation.

**Chairperson(s):**

**Michelle Selinger,**

EdTech Ventures, UK

**Speaker(s):**

**Gerald Henzinger,**

think modular - digital solutions GmbH, Austria

*ICT in Primary Teacher Education in Malawi. A Study on the Success Stories and Challenges*

Aboisso 11:45 - 13:00

EMP33

### Entrepreneurship and SMEs

Small and medium sized enterprises (SMEs) are extremely important for the growth and development of Africa. However SMEs face many challenges, some of which are related to a lack of appropriate training. This session will explore different initiatives in Africa, which aim to provide entrepreneurs with the crucial knowledge and skills they need to grow their businesses and make them sustainable.

**Chairperson(s):**

**Joseph Nsengimana,**

Mastercard Foundation, Rwanda

**Speaker(s):**

**Emmanuel Abba,**

Federal University of Technology Minna, Nigeria  
*Empowering Nigerian SME's Through Online Learning*

**Camille Linquier,**

African Management Initiative, Kenya

*An Innovative and Scalable Approach to Entrepreneurship Development*

**Amini Kajunju,**

IUGB Foundation, USA

*The Importance of Developing African Business Case Studies for Educational and Public Policy Purposes*

Daoukro 11:45 - 13:00

HLT34

### Collaborative Projects to Improve Health Systems in Africa

Join this session to find joint projects based on interinstitutional and international collaboration between health professionals, working in Africa and around the world, to offer different solutions focused on improving health systems around Africa.

**Chairperson(s):**

**Prof. Tim Unwin,**

Chairholder, UNESCO Chair in ICT4D, UK

**Speaker(s):**

**Jane Katusiime,**

Humboldt Universität zu Berlin, Germany  
*A Mobile Phone-Based App for Illiterate and Semi-Illiterate Pregnant Women in Uganda*

**Sandra Barteit,**

Heidelberg Institute of Global Health, Germany  
*How Tablet-Based e-Learning Transforms Medical Education to Train the Future Health Care Workforce in Zambia, Africa*

**Anna E. Schmaus-Klughammer,**

University of Applied Sciences Deggendorf (DIT), Germany  
*Global Public Health - eLearning Pre-Courses for Students in Rural Areas: What Lies Ahead for Students?*

**Prof. Janvier Gasana,**

Kuwait University Faculty of Public Health, Kuwait  
*The House of Diabetes in Rwanda, an Online Education Programme and Telemedicine Consultation*

San Pedro 11:45 - 13:00

SKI35

### Promoting Gender Equality and Women's Empowerment

ICTs and technology embody the potential to empower women and girls through access to education, information and commercial opportunities. This session will explore different initiatives to combat illiteracy among women in rural areas and to promote gender equality in support of women's personal and professional growth.

**Chairperson(s):**

**Taurai Kachipare-Pfaffe,**

Independent Consultant, Germany

**Speaker(s):**

**Nnenna Nwakanma,**

World Wide Web Foundation, USA  
*EQUALS Digital Skills Fund - Narrowing The Digital Gender Divide*

**Nafisa Abdou Ahmed,**

University of West Kordofan, Sudan  
*Development of Literacy Programs for Adults in South Kordofan Rural Area*

Daloo 12:00 - 13:00

HEI36

### The Role of Chatbots in Higher Education: Experience at Uganda Christian University

Chatbots are a growing trend in Artificial Intelligence today, providing learners with a more personalised, interactive experience. Chatbots were introduced on the UCU eLearning website to support students, staff and visitors all day, every day. Join this Knowledge Exchange Session to hear what happened.

**Chairperson(s):**

**Dorothy Mukasa,**

Uganda Christian University, Uganda

**Speaker(s):**



Katiola 14:30 - 15:45

TEC37

### **Blockchain, Open Education & Digital Citizenship**

The aim of this session is to provide participants with an independent, informed overview of the application of blockchain technologies in education contexts. The session will engage with ongoing concerns relating to blockchain technology such as sustainability, energy costs, open standards, and the various merits of public vs private of consortium blockchains.

**Chairperson(s):**

**Perrine De Coëtlogon,**

Université de Lille, France

**Speaker(s):**

Chandelier Lagune 14:30 - 15:45

INC38

### **Online Learning for All Development Community**

This fully interactive session, organised by the European Commission, will address how open online learning is essential to raise awareness, increase capacity building and enable deeper engagement with development practitioners around the world. The session will serve as a forum to share best practices and innovations that are shaping the future of inclusive digital learning.

**Chairperson(s):**

**Miguel Exposito Verdejo,**

European Commission, Belgium

**Speaker(s):**

**Cécile Bekkers,**

Agence Française de Développement, France

**Tom Pieter Wambeke,**

International Training Centre of the International Labour Organisation (ITC), Italy

Bassam 14:30 - 15:45

TEA39

### **Teacher Training: The Use of Digital Technology – the UNESCO ICT CFT Harnessing OER Network**

This practical session organized by UNESCO will provide an overview of the ICT Competence Framework for Teachers using Open Education Resources. It will provide you with links to an inter-regional network of teacher educators, providing training materials on the OER Hub created by the project and offering immense networking opportunities.

**Chairperson(s):**

**Andrew Moore,**

UNESCO, South Africa

**Speaker(s):**

San Pedro 14:30 - 15:45

SKI40

### **Design Thinking for Problem Solving in Africa**

Design Thinking is an innovative process of solving complex problems that allows you to think 'out of the box' and find revolutionary approaches to the biggest problems. This practical session will allow participants to learn about the power of Design Thinking with cases of applications to contemporary challenges of Africa. Participants will leave the room with practical skills which can be used almost immediately in their own environments.

**Chairperson(s):**

**Kader Kaneye,**

African Development University - ADU, Niger

**Speaker(s):**

Aboisso 14:30 - 15:45

SKI41

### **EPICA Initiative: ePortfolio for Skills Recognition**

EPICA is a European-African partnership, which aims to improve the quality and 'visibility' of skills needed in modern job markets. Learn about how EPICA's competency-based ePortfolio can help to transform the prospects of African workers in increasingly competitive markets. Get involved - you can be part of EPICA too!

**Chairperson(s):**

**Speaker(s):**

**Edephonc Ngemera Nfuka,**

The Open University of Tanzania, Tanzania

**Richard Kajumbula,**

Makerere University, Uganda

**Michael Opiyoh,**

Maseno University, Kenya

Odiénné 14:45 - 15:45

INC42

### Digital Reading in Remote Areas

Reading is crucial to acquire life skills with lifelong benefits. Technology is bringing digital reading to underserved areas. Learn about how reading contributes to building the capacity of teachers and all readers and how digital reading can be introduced in the classroom for teaching and learning.

**Chairperson(s):**

**Ethel Sakitey,**

Worldreader, Ghana

**Speaker(s):**

Cosmos 14:30 - 15:30

SK143

### Igniting Creativity Through Personalised Learning Experiences

During this practical session, participants will learn how to design personalised learning experiences, using digital tools to draw out curiosity and imagination, sustaining students' engagement and enthusiasm to explore learning - in a spark of creativity.

**Chairperson(s):**

**Adewunmi Payne Akinhanmi,**

Grange School, Nigeria

**Speaker(s):**

Daoukro 14:30 - 15:30

INC44

### Scaling Innovative Humanitarian Learning

This interactive session will draw on learning, innovation and edTech examples from the humanitarian sector to showcase examples of innovations in learning, and the unique challenges and opportunities faced in delivering high quality learning at scale in difficult contexts. The session will encourage co-creation collectively to develop ideas and solutions to address the needs of the sector.

**Chairperson(s):**

**Shona Henderson,**

Humanitarian Leadership Academy, UK

**Speaker(s):**

Room Daloa 14:45 - 15:45

TEC45

### QR Codes: Overcoming the Challenges in Collecting User Data for Inaccessible and Remote Populations

Collecting data to analyse the learner experience and to inform us of the impact of learning becomes exceedingly difficult when the goal is to reach underserved and 'hard-to-reach' populations. Participants in this interactive session will learn how to create and scan QR codes to increase access to user data.

**Chairperson(s):**

**Joygrace Kamunya,**

Vitamin Angels, Kenya

**Speaker(s):**

**Friday, October 25, 2019**

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Auditorium 16:30 - 18:30

PLENARY03

### **The eLearning Africa Debate**

'This House believes Governments are failing to provide young people with the skills they need to prepare for the future.' As technology advances at ever-increasing speed, industry is changing and so is employment. Change is both an opportunity and a challenge. But it is happening so fast that it sometimes seems to have outpaced our ability to keep up with it. The only hope for young people, in an age of such rapid change, is to acquire the skills and the flexibility that will enable them to adapt. This year's eLearning Debate asks how African governments are meeting the challenge of change. What are the skills that young people need to survive in a rapidly changing world and how are they providing them? Are they failing to equip youngsters with the key skills tomorrow's employers will need? What more could be done? Who is responsible and are they doing enough? Come and join this important debate about a key issue for all of us. Hear from the experts and let us have your views in what will be a highly charged, fiercely contested parliamentary-style debate, which will help to shape future policy and planning in this vital area.

#### **Chairperson(s):**

**Dr Harold Elletson,**

Editor, eLearning Africa Report, UK

#### **Speaker(s):**

**Kumba Liliana Musa,**

The Directorate of Science, Technology and Innovation, Sierra Leone

**Hon. Michael Onyango,**

Distributed Ledgers & Artificial Intelligence TaskForce, Government of Kenya, Kenya

**Nnenna Nwakanma,**

World Wide Web Foundation, USA

**Prof. Tim Unwin,**

Chairholder, UNESCO Chair in ICT4D, UK