

eLearning Africa 2023 Preliminary Programme Overview

Wednesday, May 24, 2023	Thursday, May 25, 2023		Friday, May 26, 2023
<u>Pre-Conference Workshops</u>	<u>Parallel Sessions</u>	<u>Ministerial Round Table</u>	<u>Parallel Sessions</u>
<u>The Learning Battle</u>	<u>Thursday: Plenary Session</u>		
<u>Opening Plenary Session</u>	Participants' Dinner & Dance		<u>Plenary Closing Debate</u>
<u>Exhibition</u>	<u>Exhibition</u>		<u>Exhibition</u>



eLearning
Africa

You can click through the file titles to navigate speakers and session descriptions.

Wednesday, May 24, 2023

<p><u>M1</u> Designing Blended Learning: Making the Most of Face-to-face and Distance Learning (FR) Salle 101 10:00-13:00</p>	<p><u>M2</u> From Remote Instruction to Quality Online: Establish Social, Cognitive and Teaching Presence to Help All Students Succeed (EN) Salle 102 10:00-13:00</p>	<p><u>M3</u> Turning a Rote Learning Curriculum into a Motivational, Micro-learning Game While Improving Learning Outcomes (EN) Salle 204 10:00-13:00</p>	<p><u>M4</u> Exploring the Opportunities of Game-based Learning: A Practical Approach (EN) Salle 201 10:00-13:00</p>	<p><u>M5</u> Using Active Learning Techniques to Improve Academic Achievement in the African Classroom (EN) Salle 202 10:00-13:00</p>	<p><u>M6</u> How to Design eLearning to Work on the Moodle Mobile App and be Used Offline (EN) Salle 205 10:00-13:00</p>	<p><u>M7</u> International Cooperation for the Production of Open Educational Resources (FR) Salle de Presse 10:00-13:00</p>	<p><u>M8</u> A regional and sustainable collaborative network on eLearning (FR) Salle Ovale 10:00-13:00</p>	<p><u>FD1</u> Leadership Development for Education Leaders (EN) Salle 203 10:00-17:00</p>	<p><u>FD2</u> Instant Creation & Publishing of Free and Open Online Courses with LiaScript (EN) Museum 10:00-16:30</p>
<p><u>A1</u> Join the Facilitation Challenge! Design and Deliver Online Events with the Digital Facilitation Toolkit (EN) Salle 101 14:00-17:00</p>	<p><u>A2</u> Delivering Engaging, Participatory, Interactive and Collaborative Virtual Training (EN) Salle 102 14:00-17:00</p>	<p><u>A3</u> Accessible, Relevant and Engaging Learning for the World's Remotest Communities – in 25 Languages! (EN) Salle 204 14:00-17:00</p>	<p><u>A4</u> AI Changes Everything! (EN) Salle 201 14:00-17:00</p>	<p><u>A5</u> Empower Yourself! Upskill And Build Your Career For Free With Alison (EN) Salle 202 14:00-17:00</p>	<p><u>A6</u> MoodleMoot Senegal 2023 (EN-FR) Salle 205 14:00-18:00</p>	<p><u>A7</u> The Challenges of Multilingualism in Open Educational Resources for Education and Training (FR) Salle de Presse 14:00-17:00</p>	<p><u>A8</u> Human skills and technology for edTech and learnTech: what Belgium and Africa can offer each other (EN) Salle Ovale 14:00-17:00</p>		
<p><u>Ice Breaker “The Learning Battle” (EN/FR with simultaneous interpretation)</u> 17:15-18:15</p>									
<p><u>Opening Plenary Session: Creating New African Learning (EN/FR with simultaneous interpretation)</u> 18:30-20:00</p>									

Session languages are also indicated by colour in the timetable, sessions that are held only in **English are Blue**, only in **French are white** and sessions with **simultaneous interpretations** are indicated with orange.

Thursday, May 25, 2023

<u>Advancing Instructional Design: Exploring Innovative Models and Frameworks (EN)</u> <u>9:30-11:00</u>	OneConnect, TBA	<u>How Digital Credentials are Transforming Learning and Recognition in the Workplace (EN)</u> <u>9:30-11:00</u>	<u>Empowering Teachers with Digital Innovations in Sub-Saharan Africa and Beyond (EN)</u> <u>9:30-11:00</u>	<u>Exploring the Best Practices and Ethics of AI in Education (EN)</u> <u>9:45-11:00</u>	<u>Learning Café: Becoming Sustainable, Self-reliant, Equitable and Resilient: Story of Finland is built on Education (EN)</u> <u>9:30-11:00</u>	<u>Fast track into Employment for African No-Coders and ICT Technicians (EN-FR)</u> <u>10:00-11:00</u>	<u>University 4.0: Solutions to Make African Graduates Job-Ready & Entrepreneurial (EN)</u> <u>9:30-11:00</u>	<u>Early Adopters and Institutional Readiness to Implement eLearning in African Universities (EN-FR)</u> <u>9:30-11:00</u>
<u>Best Practices for Evaluating and Implementing a Virtual Learning Environment (EN)</u> <u>11:45-13:15</u>		<u>Innovative eLearning Solutions in Low-Resource Settings (EN)</u> <u>11:45-13:00</u>	<u>Promising EdTech Solutions to Overcome Learning Loss Among African Children (EN-FR)</u> <u>11:45-13:15</u>	<u>Revolutionising STEM Subjects with Robotics, Coding & Maker Culture (EN)</u> <u>11:45-13:15</u>	<u>Digitising Higher Education in Africa: eLearning Programmes and Future Opportunities in Ethiopia, Ghana, Senegal, and Uganda (EN)</u> <u>11:45-13:15</u>	goFLUENT, TBA	<u>Successful Vocational Training Initiatives to Upskill Africa’s Youth (EN-FR)</u> <u>12:00-13:15</u>	<u>The Future of eLearning: Overcoming Limitations with AI Integration (FR)</u> <u>11:45-13:00</u>
<u>African Youth and Digitisation: How Governments and Innovators Can Build Skills (EN)</u> <u>14:45-15:45</u>	<u>Building Capacity for In-House eLearning Design (EN)</u> <u>14:30-15:45</u>	<u>Data & Learning Analytics for Decision Making in Higher Education (EN)</u> <u>14:30-16:00</u>	<u>Learning and Development to Boost Senegal’s Renewable Energy Sector (EN-FR)</u> <u>14:30-16:00</u>	<u>Online Language Learning from Start to Finish (EN-FR)</u> <u>14:45-15:45</u>	<u>Policies for Promoting Education and Socio-Economic Development in Sub-Saharan Africa (EN)</u> <u>14:45-16:00</u>	<u>Building and Sustaining the EdTech Ecosystem in Africa: Opportunities, Challenges, and Strategies for Content Generation and Delivery (EN)</u> <u>14:45-16:00</u>	<u>Teachers for the Future: Exploring the Role of Technology and Regulation in Teacher Training (FR)</u> <u>14:30-16:00</u>	
<u>Creating a Workforce for the Global Gig Economy (EN)</u> <u>16:45-18:00</u>	<u>Development and Uses of School Courses in Video Format (FR)</u> <u>16:30-17:45</u>	<u>Enhancing Learning Through Analytics: Real-world Examples of Personalised and Adaptive Learning (EN)</u> <u>16:30-17:45</u>	<u>How Virtualisation Impacts Learning: Opportunities and Risks of Screens, VR, and the Metaverse (EN-FR)</u> <u>16:30-18:00</u>	<u>Inclusion and Access: How to Bridge the Digital Divide in Education (FR)</u> <u>16:30-18:00</u>	<u>Gateways to Public Digital Learning (EN)</u> <u>16:30-17:30</u>	<u>Innovative Methods for Effective Learning for Higher Education Professionals (EN)</u> <u>16:45-18:30</u>	<u>Learning Cafe: Overcoming the Challenges of Online Learning in the Global South (EN)</u> <u>16:30-18:30</u>	<u>Transforming Africa's Education Landscape: The Role of African EdTech Start-ups (EN-FR)</u> <u>16:30-18:00</u>

Plenary Session: Making Learning Innovative, Inclusive and Accessible
(EN/FR with simultaneous interpretation)
18:30-20:00

Friday, May 26, 2023

<u>Best Practices in Training African Civil Servants Digitally (EN-FR)</u> <u>9:30-11:00</u>		<u>Empowering Women Entrepreneurs Through Online Peer-Learning (EN)</u> <u>10:00-11:00</u>		<u>Equipping Teachers for Future Skills: Evidence-based Tools and Techniques (EN)</u> <u>9:45-11:15</u>		<u>Transforming African Education Systems by 2030: Challenges and Opportunities (FR)</u> <u>09:45-11:15</u>		<u>How to Become a 21st Century Worker with Future-Ready Skills (EN)</u> <u>9:45-11:00</u>		German TVET Examples, TBA					
TooShare, TBA		<u>Innovative Pedagogical Design and Expert Collaboration to Ensure Open and Equitable Digital Education (EN)</u> <u>11:45-13:00</u>		<u>Innovative Training for Digital Teachers (EN)</u> <u>11:45-13:15</u>		<u>Digital Inclusion: Empowering Remote Communities through ICT Infrastructure (EN-FR)</u> <u>11:45-13:15</u>		<u>Innovative Ways to Connect African School Children with Contemporary Research and Oral History (EN)</u> <u>11:45-13:15</u>		<u>Nio far: A Coalition to Strengthen African Education (EN-FR)</u> <u>11:45-13:15</u>		<u>Low-cost Delivery of Digital Educational Experiences: How Simple Can It Be? (EN-FR)</u> <u>11:45-13:00</u>		<u>OTT, NFTs, Web 3.0 & Remote Proctoring: Latest Trends in Sustainability, Access, Open Education & Assessment (EN)</u> <u>11:45-13:00</u>	
<u>EdTech as a Game Changer for African School Children (EN)</u> <u>14:30-15:45</u>		<u>Digital Learning in Low-Tech Environments: Challenges and Solutions (EN)</u> <u>14:30-16:00</u>		<u>Immersive Learning as a Booster for Vocational Training in Africa (EN-FR)</u> <u>14:30-16:00</u>		<u>Soft Skills for Employability (EN-FR)</u> <u>14:30-15:45</u>		<u>Shortening the Distance Between TVET and the Needs of Local Businesses (FR)</u> <u>14:30-16:00</u>		<u>The Role and Competences of the Online School Teacher (EN-FR)</u> <u>14:30-15:45</u>		<u>Innovative Ways to Upskill African Healthcare Workers (EN)</u> <u>14:30-15:45</u>		<u>Tangible Positive Results of eLearning and Online Collaboration for African Universities (EN)</u> <u>14:30-15:45</u>	

Plenary Debate: “This House Believes that AI Will Do More Harm than Good to Education in Africa (EN/FR with simultaneous interpretation)
16:30-18:15

**Opening Plenary: Creating New African Learning
(EN/FR with simultaneous interpretation)
Wednesday, 18:30-20:00**

African economies are growing fast. With the development of the African Continental Free Trade Area (AfCFTA) there will soon be a Single African Market for goods and services. The opportunities are enormous. Welcome to the most exciting continent in the world! Success will not just happen, though. Africa's future prosperity will be built on education. Technology gives us the chance to spread the benefits of education across the continent. And it enables us to share African knowledge, experience and values with the world. But we need a new African model of learning to make Africans fit for the future, with the skills they need to compete and cooperate. Join us at eLearning Africa's opening plenary session for a look at the new model African learning of the future.

Keynote speakers in the opening plenary session will include:

H.E. Macky Sall, President of the Republic of Senegal

Louise Mushikiwabo, Secretary General of the Francophonie, France

Pierre Goudiaby Atepa, Chairman of Groupe Atepa & President, Senegalese Club of Investors, Senegal

H.E. Prof. Muhammadou M.O.Kah, Ambassador of The Republic of the Gambia to the Swiss Confederation & Permanent Representative to the UN

**Plenary: Making Learning Innovative, Inclusive and Accessible
(EN/FR with simultaneous interpretation)
Thursday, 18:30-20:00**

New model African learning will be both innovative, accessible and inclusive. It will have to be. Innovation, inclusivity and accessibility are essential to bring about transformative change in Africa. And all are essential to each other. Inclusivity is a vital component of innovation. Innovation is what will drive greater inclusivity. And both depend crucially on accessibility. So, how can we use all three to reinforce education and create the new model learning Africa needs?

Keynote speakers in this plenary session include:

H.E. Professor Moussa Balde, Minister of Higher Education,
Research and Innovation of the Republic of Senegal
Roger Clark, Director Connectivity and Education Technologies,
ApplianSys, United Kingdom
Mariam Nourya Koné, Hackily, Côte d'Ivoire

**Debate: "This House Believes that AI Will Do More Harm
than Good to Education in Africa
(EN/FR with simultaneous interpretation)
Friday, 16:30-18:15**

Artificial Intelligence is driving change across the world. It is today's leading technological phenomenon. It has taken hold of industrial sectors and economies. It is changing the way we work, live, think and learn. But is it good for African education? What does it mean for African students and teachers? For Schools and universities? What are likely to be the consequences, for good or ill, for African learning? Are the undoubted benefits in skills transfer, content creation and personalised learning worth the price Africans may soon have to pay for AI with less privacy, security and freedom?

Join us for another fascinating and lively eLearning Africa Debate about one of the great issues of today.

Keynote speakers in this closing debate include:

Francisca Oladipo, Thomas Adewumi University, Nigeria
Donald Clark, WildFire Learning, United Kingdom
Michael Onyango, Distributed Ledgers & Artificial
Intelligence TaskForce, Kenya
Mark West, UNESCO, France

Moderators

Khalil Gueye, Journalist, Senegal
Harold Elletson, Editor of the eLearning Africa Report, UK

Workshop FD1
Leadership Development for Education Leaders
(EN)

Wednesday 10:00-17:00, Salle 204

In a world of growing uncertainty, being in a leadership position has many expectations, from managing risks, to having a vision and driving the strategy, to motivating staff. The leadership position is especially important in educational institutions as they are not just places to learn, but are critical contributors to shaping the lives of individuals, communities, and society. Ironically, very much like the shoemaker's children, leaders in the educational space get very little support for their own growth as most of these institutions do not have the culture of leadership development, have not identified the capabilities their leaders require, and as a result do not have leadership training to address the emerging challenges in the education sector or to build on success. This workshop will discuss the importance of creating a culture of leadership development, identify key leadership effectiveness gaps in educational organisations and the impact of the gaps.

Experienced Learning & Development expert Ferhana Dostmohamed will explore some of the current leadership capabilities that span industries and sectors which participants can use as a starting point to assess what their top key leadership skills priorities are and where they may have gaps.

Ferhana Dostmohamed, FD Learning Consulting, Canada

[Click here for further Information](#)

Workshop FD2
Instant Creation & Publishing of Free and Open Online Courses
with LiaScript
(EN)

Wednesday 10:00-16:30, Museum

LiaScript is a language-based approach to free and open education.

This workshop will demonstrate how LiaScript can be used to create sustainable and extendable open educational resources (OER) that are interactive, engaging, and even work offline. In contrast to complex user-interfaces and memorising lots of point and click events, participants will work with simple text-files only. LiaScript is based on Markdown, which is founded on ideas around simplicity, adaptability and extendibility. Visual and textual metaphors are used instead of coding to define quizzes, surveys, presentations, animations, and text-to-speech output. Courses created with LiaScript can be presented as a fully interactive textbook, a presentation or YouTube-like screencast format. Participants will learn the basics of Markdown for publishing and the general LiaScript idea. This includes exploring how to create animations, content in different languages, different styles of quizzes and surveys, integrate multimedia content, automated data-visualization and interactive programming. You will be introduced to the basics of version-management and open-source to enable you to publish your course immediately through GitHub. Finally, you will learn how to create class-rooms and how to export your content into an SCORM or IMS packages. This will enable uploads to most Learning Management Systems (LMS), or translated to Android, IOS, Windows applications, and standalone Web-projects.

André Dietrich, Technische Universität Bergakademie Freiberg,
Germany

Sebastian Zug, Technische Universität Bergakademie Freiberg,
Germany

[Click here for further information](#)

Workshop M1

Designing Blended Learning: Making the Most of Face-to-face and Distance Learning (FR)

Wednesday 10:00-13:00, Salle 101

Traditional teaching is still the most widely used and accepted model in Africa. It ensures that the learners are present and that they have access to the educational content in the same way. However, faced with the challenge of overcrowded classrooms in Africa, the existing infrastructure is not always able to accommodate all learners. The thoughtful integration of information and communication technologies (ICTs) into teaching and learning is a possible solution, with hybrid devices such as flipped classrooms. In this workshop, participants will dive into the world of digital teaching and learning and explore the advantages of hybrid devices such as flipped classrooms. Participants will discover a way of designing hybrid teaching that is based on a pedagogical scenario and supported by digital tools. This session will also address ways to renew practices, optimise teaching and anticipate learners' needs more easily. André Chateau Akue Asseko is a lecturer and researcher at the Materials & Processes Centre of IMT Nord Europe. He is a certified eLearning resource designer and winner of a UNIT Foundation PUNCHY call for projects, with the aim of creating a bank of digital resources (eLearning courses, virtual practical work) with a strong potential for reuse and adaptation to various contexts.

André Chateau Akue Asseko, IMT Nord-Europe, France

[Click here for further information](#)

Workshop M2

From Remote Instruction to Quality Online: Establish Social, Cognitive and Teaching Presence to Help All Students Succeed (EN)

Wednesday 10:00-13:00, Salle 102

As a result of the COVID pandemic, educational communities all over the world are making significant investments in digital transformation to be more resilient and better prepared for an unpredictable future. Studies have shown again and again, however, that technology alone does not equal effective teaching in online education and digital learning. How do we effectively engage students to succeed in online or hybrid classes, synchronous or asynchronous in different combinations of modalities, and to meet the needs of increasingly diverse student populations? This workshop invites participants to review, examine and reflect on how to cultivate student engagement. This sort of engagement will lead to success with the community of inquiry model, a theoretical framework for online learning design, through establishing cognitive, social and teaching presence in digital learning environments. Yaping Gao, Senior Academic Director at Quality Matters, has over 20 years' experience in higher education both in China and USA as faculty, instructional designer, LMS manager, and online education administrator. Dr Gao believes quality course and programme design supported by research facilitates effective instruction, promotes student engagement and active learning, and lays the foundation for student success and institutional accreditation and advancement.

Yaping Gao, Quality Matters, USA

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Workshop M3

Turning a Rote Learning Curriculum into a Motivational, Micro-learning Game While Improving Learning Outcomes (EN)

Wednesday 10:00-13:00, Salle 204

A key aspect in the design of digital services is user engagement: how to ensure users feel rewarded by their learning environment and want to return to it? Educators have a responsibility to deliver learning objectives that ensure the greatest possible success of their students. SkillsSafari, an organisation based in Finland, focuses on solving these educational challenges and develops digital education with a special focus on micro-learning, digital micro-certification, skills validation and recognition of prior learning. SkillSafari believes that gamified, digital micro-learning, provides opportunities to deliver traditional curricula in a way that motivates and supports students to play ahead, to learn more. The founder and CEO of SkillsSafari, Satu Järvinen, will provide a practical understanding of gamified, digital micro-learning. The participants will observe a gamified case-example as well as the option to transform their own traditional curriculum objective into more gamified, micro-objectives leading to comprehensive learning. Born in Finland, raised in Senegal, educated in Finland and France, Satu Järvinen is a mixture of North and South. With over 15 years of experience in education innovation, development and research, she strives to create localised and scalable learning solutions that allow people to reach their highest personal potential and reach their dreams. Satu Järvinen is an expert in developing and implementing innovative digital learning solutions for K12 education, especially in the field of skills development and teacher professional development. Her special area of interest is in the deployment of digital micro certificates as a scalable solution for skills validation and a new paradigm for learning.

Satu Järvinen, SkillsSafari, Finland

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Workshop M4

Exploring the Opportunities of Game-based Learning: A Practical Approach (EN)

Wednesday 10:00-13:00, Salle 202

The Ruhr West University of Applied Science is a German public university which offers high-quality bachelor's and master's programmes in computer science, engineering, mathematics, natural sciences and business administration. The programmes are innovative with a strong emphasis on real-world application. Alexandra Bohra and Felix Meckmann are thrilled to promote the potentials and cooperation perspective in African countries. In this workshop, they will demonstrate the University's quality-based curricula that ensure not only new skills, but also the confidence to use them in everyday life. Ruhr University believes in environments that encourage and cultivate adaptability in learning as well as in real-life scenarios. In a game-based learning environment, this is possible as the teacher guides the students towards a deeper level of understanding. This is an interactive session that invites the audience to analyse, synthesise, make reasoned judgment and draw conclusions on a complex issue.

Alexandra Bohra, Ruhr West University of Applied Science,
Germany

Felix Meckmann, Ruhr West University of Applied Science,
Germany

[Click here for further information](#)

Workshop M6

How to Design eLearning to Work on the Moodle Mobile App and
be used Offline
(EN)

Wednesday 10:00-13:00, Salle 205

How can we achieve digital inclusion for learners with no or low internet access? Are there course design techniques you can use that are better for small screens? In this workshop, participants will explore the challenges of digital divide and how a Mobile first design approach can help. Educational Technology Specialist Natalie Denmeade will demonstrate how responsive design works for small screens and how to create light weight courses for low bandwidth environments. Participants will learn how to create offline eLearning through Moodle Mobile and MoodleBox. The Apps are free and can be installed offline. In addition, participants will have the chance to delve into data analytic challenges of offline eLearning and the digital inclusion solutions we provide.

Natalie Denmeade has over 20 years' experience with web technologies. She has developed and managed blended training programs in over 20 African countries and founded an NGO in Zanzibar, Tanzania. She is affiliated with Inclusiv Education and Save the Children, partners in a global initiative dedicated to solution development in low resource areas.

Natalie Denmeade, Inclusiv Education, Australia

[Click here for further Information](#)

Workshop M5

Using Active Learning Techniques to Improve Academic
Achievement in the African Classroom
(EN)

Wednesday 10:00-13:00, Salle 202

Research has proven that students retain more information when they are actively learning. Active Learning means students engage with the material, participate in class, and collaborate with each other. In this workshop, participants learn to move beyond teacher-directed, rote instruction and create more engaging lessons, introducing Active Learning techniques in the African classroom.

Based on four years of collaborative qualitative research with an American school in rural Ghana, international educator Dr Angelina Arrington will teach participants how to engage students in a culturally responsive and affirming way to increase the retention of concepts and enhance academic performance. This session will also cover student engagement strategies for large class sizes and rural learning environments. Participants will have the opportunity to practice different Active Learning strategies that they can implement immediately in their own schools. Learners will also have ongoing access to an online community and online resources to continue to deepen their practice after the conference.

Angelina Arrington, Arrington Consulting, USA

[Click here for further information](#)

Workshop M7

International Cooperation for the Production of Open Educational Resources (FR)

Wednesday 10:00-13:00, Salle de Presse Main

In this workshop, Jacques Dang and Carole Schorle-Stefan will share results of initiatives for the production and dissemination of digital educational resources for higher education in Francophone countries. Participants will explore the logic and processes of each initiative, as well as benefit from the results and courses, some of which will be available for free access at the end of the workshop.

The workshop is organised by L'Université Numérique, which supports higher education institutions in the development of new digital pedagogies.

Jacques Dang, L'Université Numérique, France
Carole Schorle-Stefan, L'Université Numérique, France

[Click here for further Information](#)

Workshop M8

A regional and sustainable collaborative network on eLearning (FR)

Wednesday 10:00-13:00, Salle Ovale

This workshop aims to establish a regional and sustainable collaboration network on eLearning, to exchange and share experiences in the field of eLearning, but also to impact decision makers. In this workshop you will have the opportunity to :

- Discuss methods and avenues for advocacy on eLearning.
- Share your experiences in eLearning and learn from the variety of professionals around you and their experiences.
- Examine the quality of distance learning provision.
- Analyse the financing of distance learning.

Modou Diouf, Agence Universitaire de la Francophonie, Senegal

[Click here for further information](#)

Workshop A1

**Join the Facilitation Challenge! Design and Deliver Online Events
with the Digital Facilitation Toolkit
(EN)**

Wednesday 14:00-17:00, Salle 101

In this interactive workshop, participants will learn about the Digital Facilitation Toolkit, an application that offers practical guidance on how to design and deliver online events. The Toolkit is for those involved with online facilitation, innovative methodologies for online training and those interested in different online event formats. The workshop will cover multiple trends on smart working, online meetings, immersive technology and augmented reality. Both the facilitators and participants will share experiences and suggestions for skill development, personal mishaps during online events, useful and inspiring sources for solutions and growth in digital learning and digital facilitation. This workshop is led by Fausto Saltetti, a Learning Architect and multi-disciplinary designer professional at the International Training Centre of the International Labour Organisation (ITCILO), the training arm of the International Labour Organisation. He is an expert in designing and developing innovative digital learning products through the adoption of cutting-edge technologies centred around communication and digital media.

Fausto Saltetti, ITCILO, Italy

[Click here for further Information](#)

Workshop A2

**Delivering Engaging, Participatory, Interactive and Collaborative
Virtual Training (EN)**

Wednesday 14:00-17:00, Salle 102

COVID-19 has brought a new phase into online learning. The traditional approach of a two hour webinar with the instructor doing the talking most of the time is no longer sufficient. Engaging and participatory virtual training sessions become more important to give participants rich learning experiences and many corporate trainers seek to move to live online virtual training. This requires an innovative approach to virtual classroom training. This workshop takes participants through practical steps, tips, tricks on how to engage participants interactively and collaboratively in a virtual classroom. We will use Zoom and other digital realtime collaborative tools in more innovative ways to achieve a similar learning experience as with face-to-face classroom based learning.

The workshop is led by Moyomola Bolarin, an Instructional Designer, eLearning Specialist, and Audiovisual professional with over 20 years of extensive professional and technical/hands-on practical experience in learning design and eLearning project management. Moyomola Bolarin represents the United Nations System Staff College (UNSSC), an open, dynamic and engaged community committed to innovative learning and training programmes focused on public policy.

Moyomola Bolarin, UNSSC, Italy

[Click here for further information](#)

Workshop A3

**Accessible, Relevant and Engaging Learning for the World's
Remotest Communities – in 25 Languages!
(EN)**

Wednesday 10:00-13:00, Salle 205

This workshop will explore the Aga Khan Foundation's solution-based approach to blended learning in some of the world's most remote communities through its Learning Hub. The Foundation's Learning Hub provides relevant and engaging video-based learning in 25 languages on a wide variety of themes including agriculture and food security, civil society strengthening, climate resilience, early childhood development, education, health and nutrition, and work and enterprise. The Learning Hub is used by teachers, farmers, entrepreneurs, and government officials to strengthen communities. In this workshop, Ana Barfield and Cesar Moreira invite you to join them on a journey of creating evidence-based courses and learning materials. This will help achieve remote learning goals through the use of end-to-end solutions that leverages the power of technology to support remote and marginalised communities.

Ana Barfield, Aga Khan Foundation, Switzerland
Cesar Moreira, Aga Khan Foundation, Switzerland.

[Click here for further information](#)

Workshop A4

**AI Changes Everything!
(EN)**

Wednesday 14:00-17:00, Salle 201

Artificial Intelligence is the technology of our age. It will change how we work and so will change what we learn, why we learn, where we learn and how we learn. Generative tools such as Chat GPT have grabbed the headlines but I would show how AI has much wider applications and can be used across the entire learning journey. This includes learner engagement, skills prediction across organisations, learner support, content creation, content curation, personalised learning and assessment and learning analytics. Drawing on my actual experience in delivering AI for learning and my book 'AI for Learning', as well as my three other books that all have full Chapters on AI in learning, I would use real examples to illustrate each of these, as well as point to near and future developments. I'd bring a copy of my book 'AI for Learning' to give as a prize for the best question!

Donald Clark, Wildfire Learning, UK
Callum Clark, Wildfire Learning, UK
[Click here for further information](#)

Workshop A5

Empower Yourself! Upskill And Build Your Career For Free With Alison (EN)

Wednesday 14:00-17:00, Salle 202

Alison is the world's largest free online empowerment platform that makes education and workplace skills training accessible to everyone. eLearning Africa delegates can look forward to an informative and interactive workshop where the team will demonstrate how to navigate the platform and explore Alison's 4,000+ free courses and career-building tools. By the end of the session, attendees will gain an in-depth understanding of how to acquire certified skills, find a career that suits their natural strengths and create an industry-standard resumé to land their dream job. The team will also show attendees how to earn on Alison and create a free online training portal for businesses, schools and non-profit organisations, so that they can upskill their teams. Additionally, attendees can look forward to an inspiring presentation by Founder & CEO, Mike Feerick, on Alison's impact on the African workforce.

Mike Feerick, ALISON, Ireland

[Click here for further Information](#)

Workshop A6

MoodleMoot Senegal 2023 (EN-FR)

Wednesday 14:00-17:00, Salle 205

We are delighted to invite participants of eLearning Africa 2023 to join MoodleMoot Senegal. This afternoon mini-conference event will be held on Wednesday 24 May as part of the eLearning Africa conference. MoodleMoot Senegal is expected to attract Moodle users from across the African continent, as well as those who are interested in learning more about Moodle and its applications in education and the workplace.

Moodle, an open-source learning management system with over 300 million users worldwide, has a very strong presence in higher education and business across Africa, and is the most popular LMS used in higher education institutions across the continent, including at UNISA (University of South Africa), one of the largest universities in Africa.

Co-sponsoring this event along with Moodle are four of Moodle's top Partners with extensive experience in implementing, customising and hosting Moodle for a wide range of customers across the African continent. These Moodle Partners are Catalyst, Edunao, Enovation and Think Modular, who can also be found at Stand 7 during the eLearning Conference.

The MoodleMoot Senegal event will provide attendees with the opportunity to engage with our Partners and other Moodle experts and peers. Presentations will be made by various Moodle experts and stakeholders, including our Moodle Partners who will discuss success stories across the African continent. This event is a great opportunity to learn more about Moodle installations, best practices and case studies, and to ask questions of Moodle experts

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Workshop A7

The Challenges of Multilingualism in Open Educational Resources for Education and Training (FR)

Wednesday 14:00-18:00, Salle de Presse

This workshop is dedicated to the challenges of multilingualism in the creation of Open Educational Resources for education and training. It will focus on the Francophone and Lusophone areas, with an emphasis on educational resources for health, and on the challenges of creating resources in national languages (UNESCO/IDIL, IF/IEFF/ELAN) The workshop is organised by L'Université Numérique, which supports higher education institutions in the development of new digital pedagogies.

Jacques Dang, L'Université Numérique, France

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Workshop A8

Human skills and technology for edTech and learnTech: what Belgium and Africa can offer each other (EN)

Wednesday 14:00-17:00, Salle Ovale

What is the added value of online education and training? This seminar is hosted by d-teach from Belgium, an international not-for-profit organisation with more than 10 years of experience in online, blended and lifelong learning. With thorough expertise in online pedagogy, digital didactics, learning experience and instructional design, d-teach aims to make people self-sufficient in online, hybrid or blended training. The event will focus on building an effective international Edtech/Learntech community. This requires smart synergies between government, industry, academia and civil society (quadruple helix). Speakers from those sectors will elaborate on their contributions to the community, while identifying joint interests between African and Belgian Edtech/Learntech actors as a basis for future cooperation.

14:00 Registration

14:30 Welcome by Koen Verlaeckaert, d-teach online school

14:40 Building the edtech/learntech community in Flanders, Maia Santens, Agoria

14:50 Competences for online teaching: newest scientific insights, Maaike Grammens, d-teach and Ghent University

15:00 Refurbishment and reuse of ICT hardware to bridge the digital divide, Marnick Vanlee, Close the Gap

15:10 Getting started with digital exams, Dirk Verbeke, Televic

15:20 Edtech, innovation and digital transformation insights from global eLearning projects in Africa, Tom Wambeke, ITCILO

15:30 The edtech landscape in Belgium: a barometer, Annelies Volckaert, edtech/station

15:40 Digital education's quadruple helix: building bridges between academia, industry, government and civil society - Panel discussion, moderated by Koen Verlaeckaert

16:20 Closing remarks, HE Mr Pascal Smet, State Secretary of the Brussels Capital Region

16:30 Networking

17:00 Closing of seminar

[Click here for further Information](#)

Exploring the Best Practices and Ethics of AI in Education

Thursday, 9:45-11:00 (EN)

Artificial Intelligence (AI) and machine learning are increasingly used in education to personalise learning, provide new teaching tools, and enhance assessment and evaluation. This session will discuss a variety of best practices in very different situations as well as their ethical considerations. For example how AI is used in sustainable mining in Sub-Saharan Africa, where students analyse open-source geodata to develop guidelines to prevent land conflicts and environmental degradation, and AI's potential in English language assessment. But also the digital ethics compass will be presented, a model which aims to provide lenses to all those involved in the educational context dealing with data analytics, systems automation and behavioural insights.

Pamela Durán-Díaz, Technical University of Munich, Germany

Marcela Amaral, ETS GLOBAL, The Netherlands

Paula Morais, Global Plenitude, Sweden

Data & Learning Analytics for Decision Making in Higher Education

Thursday, 14:30-16:00 (EN)

In this session, we will explore the advancements, opportunities and challenges of the growing trend of datafication in higher education. Presentations will cover a range of topics, such as the use of big data to achieve high-quality, open access education, how Smart Learning can support adaptive learning, and the implementation of data-driven strategies to improve decision making. Join us to discover the potential of cloud computing, data-driven tools and Learning Analytics in enhancing educational access, personalised and adaptive learning, and the effectiveness of distance education.

Michael Zacheus Opiyoh, Maseno University, Kenya

Zamzam Nawate, Kenya Utalii College, Kenya

Paul Prinsloo, University of South Africa, South Africa

Christine Iyetunde Ofulue, NOUN, Nigeria

Enhancing Learning Through Analytics: Real-world Examples of Personalised and Adaptive Learning

Thursday, 16:30-17:45 (EN)

This session showcases how learning analytics can improve teaching methods and student outcomes. With real-world examples, panellists will demonstrate the power of data-driven personalised learning, such as the Green Shoots Maths Curriculum Online programme, which uses data to make decisions about cognitive and effective learning gains in maths. Participants will also learn about combining AI with low-tech delivery channels for personalised learning, and adaptive learning content pre-loaded onto tablets to monitor implementation quality in offline environments. Practical recommendations are given on integrating digital personalised learning into classrooms sustainably for equitable learning.

Isabel Tarling, Limina Education Services, South Africa

Neema Kanyua, Imagine Worldwide, USA

Rebecca Daltry, EDTECH HUB, UK

The Future of eLearning: Overcoming Limitations with AI Integration

Thursday, 11:45-13:00 (FR)

While MOOCs have become increasingly popular in recent years and contributed to promoting accessible and inclusive education, their usage has uncovered certain limitations and difficulties. The large number of learners makes it difficult to provide tutoring and feedback, and to optimally use and produce educational resources. This session proposes solutions to these challenges through the integration of AI, which can customise learning experiences for individual learners and create learning materials.

Rachida Ajhoun, Mohammed-V University (ENSIAS), Morocco

Serge Miranda, ESTIA, France

Maïmouna Sissoko-Touré, IFEF, Senegal

Transforming Africa's Education Landscape: The Role of African EdTech Start-ups

Thursday, 16:30-18:00 (EN-FR)

Homeborn EdTech start-ups are increasingly popular in the field of education in Africa and they are playing a vital role in transforming the continent's educational landscape. These SME's are leveraging technology to enhance education quality and affordability, and improve access. During this Show & Tell, participants will be presented with pitches from various African education start-ups, as they share their innovative ideas and initiatives in a fast-paced and engaging manner. Among these startups is XaleyTech from Senegal who will showcase their computer programming and robotics programmes which teach coding to children. Additionally, the award-winning platform E-repetiteur.sn will be highlighted, demonstrating how their web, tablet, and mobile platform provides middle and high school students with continuous curriculum improvement, mixed assessment, and feedback approaches. Join this Show & Tell to gain inspiration and learn how these start-ups are driving innovation, improving access to education, and make a positive impact in Africa.

Aboul K. Diallo, Bakeli, Senegal
Lamine Barro, Etudesk, Côte d'Ivoire
Serge Henri Diombo FAYE, Focati Solutions, Senegal
Sidiki Tall, XALEYTECH, Senegal

Promising EdTech Solutions to Overcome Learning Loss among African Children

Thursday, 11:45-13:15 (EN-FR)

With more than 90% of schools closed during 2020, many children suffered a learning loss, especially in reading skills. Today, over 50% of children in low- and middle-income countries cannot read a simple text by the age of 10. In this session, you will discover how EdTech is helping to mitigate learning loss, including of children displaced by war or emergency. Presenters will showcase solutions that strengthen a child's reading journey, that help children to prepare for exams, and that transform the traditional textbook catalogue into a Spotify-like app of editorial learning content.

Wanjiku Munyiri, Worldreader, Kenya
Esther Brou-Kouakou, Nomad Education, France
Laurent Rabatel, Dokoma, Canada
April Somboun, Airbel Impact Lab, USA

Development and Uses of School Courses in Video Format

Thursday, 16:30-17:45 (FR)

COVID-19 was an opportunity to set up the development of digital educational resources to propel the education system with curriculum lessons in video format produced by teachers. Join this session to learn about free digital resources for students and teacher training, and how to produce and script these resources to fit the curricula of each country. Participate also to know the conditions of success that must be met for the implementation and uses of digital learning in Africa.

Cherif Ndiaye, Écoles Au Sénégal, Senegal
Gaël Le Dréau, Réseau Canopé, France
Kaba Guy Roger, CONFEMEN, Canada

**Building and Sustaining the EdTech Ecosystem in Africa:
Opportunities, Challenges, and Strategies for Content Generation
and Delivery**

Thursday, 14:45-16:00 (EN)

Join us for an insightful session on building and sustaining the EdTech ecosystem in Africa. We will cover opportunities, challenges, and strategies for generating quality educational content using digital technology, as well as the role of EdTech in bridging the digital divide, building equitable solutions, and strengthening partnerships for digital education. Participants will learn about emerging trends in EdTech, the future of digital education in Africa, and the importance of resilience in the face of crises and disruptions.

Bosun Tijani , Co-Creation Hub Nigeria (CcHUB), Nigeria
Yousif Asfour, American University of Beirut (AUB), Lebanon
Isaac Nyangolo, Zeraki, Nigeria

**Fast track into Employment for African No-Coders and ICT
Technicians**

Thursday, 10:00-11:00 (EN-FR)

Since the pandemic, the use of internet services has grown exponentially, as has the demand for ICT professionals on the African labour market. This session will showcase promising initiatives that quickly upskill people into employment by presenting the possibilities offered by the new world of “No Code” and by remunerating trainees to become ICT technicians.

Peggy Mapanga, Anglo American, South Africa
Aïssata Tambadou, LePlanB, Côte d'Ivoire

Successful Vocational Training Initiatives to Upskill Africa's Youth
Thursday 12:00-13:15 (EN-FR)

This session will showcase digital TVET programmes which have successfully helped disadvantaged young Africans to transition into internship, employment or entrepreneurship. Through career orientation, labour market skills development and job placement counselling, public-private partnerships overcame skills gaps in key sectors in countries including Kenya and Togo.

Nele Seeger, bbw, Germany
Lena Watt, IFEF, Senegal
Ndung'u Kahihu, CAP YEI, Kenya
Tommy Etsè Yaov, AED , Togo

**African Youth and Digitisation: How Governments and Innovators
Can Build Skills**

Thursday, 14:45-15:45 (EN)

As digital technology becomes increasingly important in the modern world, it's essential to consider how to actively contribute to the digital society instead of being a passive consumer or data point. For African youths to become active digital society members, they need digital infrastructure, literacy, citizenship, and an enabling environment for creativity and innovation. This roundtable will bring together policymakers, digital skill builders, and innovation hub managers to discuss African youths' digital skill-building needs. The discussion will focus on how to empower African youths to become active digital creators and innovators and the necessary policies and grassroots-level programmes to support this.

Christian Gmelin, GIZ, Germany

Creating a Workforce for the Global Gig Economy

Thursday, 16:30-18:00 (EN)

With the emergence of online marketplaces for freelance work, millions of Africans are exploring short-term, flexible job opportunities in the global “gig” economy. Which digital learning opportunities are available for young people to acquire the skills and knowledge that are in demand on these platforms? How can gig economy training be made affordable, especially for young people in underserved or remote communities?

Emmanuel Abba, Logeak Solutions, Nigeria

Pooja Gianchandani, GIZ, Germany

Marieme Jamme, iamtheCODE, Senegal

Learning and Development to Boost Senegal's Renewable Energy Sector

Thursday, 14:30-16:00 (EN-FR)

Through its Nationally Determined Contribution (NDC) goals, Senegal aims to reduce greenhouse gas emissions by 23% and increase renewable energy to 30% by 2030, and promote sustainable economic growth through the development of its renewable energy sector. This dedicated session offers valuable insights into the vital role of Learning and Development in the transition to renewable energy and cleaner gas-to-power. Experts from the fossil and renewable energy sectors will discuss the opportunities and challenges in finding the necessary human resources and the development of skills needed to support the energy transition, as well as the partnerships between educational institutions and energy actors that can foster innovation in the sector. Furthermore, the session will examine the technologies that Senegal can adopt to achieve its renewable energy goals and their potential impact on job creation and economic development.

Aguibou Ba, INPG, Senegal

Thierno Seydou Ly, Petrosen EP, Senegal

Mamadou Saliou Sow, COPERES, Senegal

Sophie Diallo, 3FPT, Senegal

Revolutionising STEM Subjects with Robotics, Coding & Maker Culture

Thursday, 11:45-13:15 (EN)

With a worldwide skills shortage in the advanced technology and engineering industries, introducing robotics, coding, making, and computational thinking into basic education in Africa can help make young people more employable. This session will share innovative teaching methods, tools and content for skills training in classrooms, including in under-resourced schools. Experts will show how the African STEM curriculum can be revolutionised, not only to improve retention and learning, but also to equip students with the collaborative, problem-solving competencies they will need to succeed in a knowledge-based economy.

Victorien Uwamungu, Keza Education Future Lab, Rwanda

Nyagaki Gichia, Team4Tech, USA

Marieme Jamme, iamtheCODE, Senegal

Jenny Price, NFER, UK

University 4.0: Solutions to Make African Graduates Job-Ready & Entrepreneurial

Thursday, 9:30-11:00 (EN)

Studies have shown that African universities produce graduates who have cognitive and theoretical competences, but lack the transferable skills which are needed in the industrial revolution 4.0, including complex problem-solving, critical thinking and creativity. How can African universities develop innovative pedagogies that equip graduates with the skills needed to adapt quickly to a rapidly changing labour market? And how can they revamp their curriculum to help students to take initiative and become providers of solutions to social and real-life problems in a digital and sustainable economy?

Soji Megbowon, U-COHUB, Nigeria

Marie Aurore Umutesi, Kepler College, Rwanda

Mary Mwangi, Bridge2Rwanda, Rwanda

Ghada El Khayat, Alexandria University, Egypt

Digital Inclusion: Empowering Remote Communities through ICT Infrastructure

Friday, 11:45-13:15 (EN-FR)

This session explores innovative technical solutions that improve digital access and literacy in remote areas. Learn about solar-powered trailers with tablet screens and Uganda's low-cost ICT infrastructure projects through the provision of cache boxes. Participants will gain valuable insights on empowering remote communities through technology and bridging the digital divide.

Dayn Amade, Fundação Tablet Comunitario, Mozambique
Esther Wanyana, UCC, Uganda
Roger Clark, APPLIANSYS, UK

Inclusion and Access: How to Bridge the Digital Divide in Education

Thursday, 16:30-18:00 (FR)

Bridging the digital divide and promoting inclusion in education are the key themes of this session. We will cover a range of topics, such as how financial education can become more inclusive through digital means, and how to improve the use of technology in adult literacy programmes. Various approaches are explored, including low-tech and technology-free alternatives, as well as the use of digital tools for remote teaching.

Marie-Claire Duguay, DID, Canada
Morakinyo Akintolu, University of South Africa, South Africa
Amadou Sidy Aly Ba, Ministry of Education, Senegal
Ousmane Niang, Université Cheikh Anta Diop Dakar, Senegal

Innovative eLearning Solutions in Low-Resource Settings

Thursday, 11:45-13:00 (EN)

This session will present innovative offline learning solutions to make education and literacy materials accessible to learners in low-resource settings. Participants will gain valuable insights through different examples which include the harnessing of solar energy in "off-the-grid" classrooms, educational outcomes through satellite connectivity, and successes and challenges in offline learning technology in refugee camps in Kenya where children were tutored in numeracy and social-emotional learning through low-bandwidth video content, gamified simulations, quizzes, podcasts, and books.

Patrick Njoroge, Edutab Africa, Kenya
Debbie Mavis, AVANTI, UK
Tutaleni Asino, Oklahoma State University, USA
Diakaridia M'pai Togola, Plan International, Mali

Digital Learning in Low-Tech Environments: Challenges and Solutions

Friday, 14:30-16:00 (EN)

In this session, participants will learn about the challenges and solutions for digital learning in low-tech environments. The speakers will present several initiatives, case studies and tools. For example the use of mixed-modality approaches to engage teachers and enhance their intrinsic motivation, even in times of crisis. The session will also cover the benefits of open-source Learning Management Systems to make learning content available without the use of internet.

Jane Sebuyungu, STIR Education, Uganda
Alphonso Hendricks, Armscor, South Africa

Online Language Learning from Start to Finish
Thursday, 14:45-15:45 (EN-FR)

Proficiency in foreign languages is essential for many young Africans looking for employment internationally or in the rapidly expanding markets of the African Continental Free Trade Area (AfCFTA). This session will explore EdTech tools which can allow users to jump-start language learning with chatbots and enable corporations and educational institutions to transition to online language teaching through remote proctoring, which secures the integrity of their certification.

Abir Guettiti, ETS GLOBAL, Netherlands
Soufiane Ben Saïd, French Lab, France

Teachers for the Future: Exploring the Role of Technology and Regulation in Teacher Training
Thursday, 14:30-16:00 (FR)

Technological advancements require upskilling of teachers to improve their pedagogical methods. In this session, participants will discuss the importance of effective teaching and the global shortage of qualified educators. Attendees will gain insights into the use of technology in teacher training through examples from digital education programmes in Burundi, and Senegal's basic education reading improvement & STEM secondary school teacher training programmes, which aim to implement sustainable eLearning for teacher professional development. The session will also address the privatisation of teacher training and the need for regulations to ensure quality standards are met.

Jérémy Lachal, Bibliothèques Sans Frontières, France
Genevieve Sirois, Université TÉLUQ, Canada
Ablaye Niang, RTI International, France

Empowering Teachers with Digital Innovations in Sub-Saharan Africa and Beyond
Thursday, 9:30-11:00 (EN)

This session will present successful approaches to digital innovations in teacher development programmes in Sub-Saharan Africa. Case studies will be presented, such as a technology enhanced learning course in Uganda, a self-guided open course that enhances pedagogical skills and facilitates distance learning, and a blended teacher training programme in Rwanda utilising human centred design principles. Additionally, we will discuss training programmes that aim to equip teachers with skills to incorporate digital content into their classrooms, utilising best practices from Israel and other countries.

Hannah Nayoga, Enabel, Uganda
Julia Stanton, British Council, Ethiopia
Rodgers Kabamba, Right To Play, Rwanda
Eli Vinokur, Gordon Academic College of Education, Israel

Innovative Methods for Effective Learning for Higher Education Professionals
Thursday, 16:45-18:30 (EN)

This session explores various innovative online and hybrid methods for effective learning experiences for professionals and eLearning practitioners in higher education. It covers examples such as the use of culturally and locally relevant Open Educational Resources (OER) and learning content, as well as the implementation of communities of practice (CoP).

Isaac Tabor, Knowledge E, United Arab Emirates
Michael Walimbwa, Makerere University, Uganda
Sheawatatek Gedamu Wonde, Jimma University, Ethiopia

Building Capacity for In-House eLearning Design
Thursday, 14:30-15:45 (EN)

With the pandemic and emergency online teaching behind us, many higher education institutions have now started to implement online course delivery more strategically. Instead of hiring instructional designers, some institutions are building and strengthening the capacities of their existing staff to develop and deliver eLearning more independently and sustainably. Join this session to hear about the challenges and opportunities of this “learning to fish” approach in transitioning towards eLearning.

Rebecca Y. Bayeck, Utah State University, USA
Candice Sankarsingh, COMMON-SENSE ELEARNING, Austria
Christelle Scharff, Pace University, USA

Policies for Promoting Education and Socio-Economic Development in Sub-Saharan Africa
Thursday, 14:45-16:00 (EN)

This session aims to explore strategies and policies that can promote education and socio-economic development in sub-Saharan Africa. Despite having abundant resources, access, affordability, and flexibility remain key barriers. However, the digital revolution presents an opportunity to advance information and communication technology in education and research. The government initiative SmartAfrica, as well as lessons learned and an SDG Booster model from Finland, are examples of strategies that can help overcome these barriers. Additionally, eLearning models can provide affordable and relevant quality education to a wider population.

Cherno Omar Barry, International Open University, Gambia
Cavin Mugarura, SMART AFRICA, Rwanda
Marjaana Sall, Ministry for Foreign Affairs of Finland, Finland

Learning Cafe: Overcoming the Challenges of Online Learning in the Global South
Thursday, 16:30-18:30 (EN)

This interactive session aims to discuss challenges of online learning in the Global South. After an introduction to findings, we address three common assumptions about digital learning: equity in participation and outcomes, technical and technological barriers, and limitations of a 'one size fits all' approach. Participants will form groups to critique proposed solutions and contribute their own design recommendations. By the end of the session, each participant will have a list of design recommendations to apply in their own work environment.

Joanna Wild, INASP, UK

Gateways to Public Digital Learning
Thursday, 16:30-17:30 (EN)

This interactive session aims to discuss challenges of online learning in the Global South. After an introduction to findings, we address three common assumptions about digital learning: equity in participation and outcomes, technical and technological barriers, and limitations of a 'one size fits all' approach. Participants will form groups to critique proposed solutions and contribute their own design recommendations. By the end of the session, each participant will have a list of design recommendations to apply in their own work environment.

Mark West, UNESCO, France

OTT, NFTs, Web 3.0 & Remote Proctoring: Latest Trends in Sustainability, Access, Open Education & Assessment
Friday, 11:45-13:00 (EN)

This session will shed light on innovative ways to make eLearning platforms sustainable, finance education through micro-scholarships and create open online courses that also run offline. You will also learn about the latest technology in securing online exams and assessment. If you want to go home with the latest in eLearning, don't miss this session!

Ujjwal Kumar Chowdhury, International Online University, UAE
Joshua Lange, Digital Financial Aid Corporation, USA
Sebastian Zug, Technische Universität Bergakademie Freiberg, Germany
Dragan Mitrovic, PROCTORIO, Serbia

Advancing Instructional Design: Exploring Innovative Models and Frameworks
Thursday, 9:30-11:00 (EN)

In this session, our expert panel will present innovative models and best practices that can help institutions to innovate and improve aspects which impact instructional design, such as pedagogy, technology, evaluation, management, and ethics. We will discuss various proven frameworks, such as Badrul H. Khan's eLearning Framework, the four pillars of design thinking for sustainable eLearning, blended learning approaches and competency based curriculum models.

Matthew Ames, University of Global Health Equity, Rwanda
Scarlet Coppman, D-Teach, Belgium
Tope Olatunde-Aiyedun, University of Abuja, Nigeria
Lalem Menber Belay, Jhpiego, Ethiopia

Best Practices for Evaluating and Implementing a Virtual Learning Environment
Thursday, 11:45-13:15 (EN)

Many education institutions are spending an enormous amount of resources to implement eLearning without carefully planning or fully understanding the implications of shifting from face-to face to eLearning mode. One aspect is the choice of the virtual learning environment or Learning Management System (LMS), its features and its scalability. Another aspect is the quality assessment and the standards: how does a well designed online course look like? From the experiences shared in this session, you will discover the choices and evaluation made by others, and why.

Adewale Adensa, NOUN, Nigeria
Mila Gonçalves, ProFuturo Foundation, Spain
Tamara Phiri, Queen Elizabeth Central Hospital, Malawi
Moses Mutua, Kenya Methodist University, Kenya

Digitising Higher Education in Africa: eLearning Programmes and Future Opportunities in Ethiopia, Ghana, Senegal, and Uganda
Thursday, 11:45-13:15 (EN)

The session aims to explore the journey towards digitisation in higher education across Africa, with a specific focus on eLearning programmes supported by the Mastercard Foundation in Ethiopia, Ghana, Senegal, and Uganda. The objective is to showcase the nature of these programmes, highlight their achievements, share the lessons learned, and identify the challenges and opportunities that can be leveraged to leapfrog. This session will provide an insightful platform for discussion on the future of higher education in Africa.

Angela Owusu-Ansah, Ashesi University, Ghana
Basiliyos Tilahun Betru, Ministry of Education, Ethiopia
Sidy Ndao, Dakar American University of Science & Technology, Senegal
John Robert Katende Mukibi, Cyber School Technology Solutions (CSTS), Uganda

How Virtualisation Impacts Learning: Opportunities and Risks of Screens, VR, and the Metaverse
Thursday, 16:30-18:00 (EN-FR)

Virtualisation, from screens to VR and the Metaverse, has significant implications for learning. While some are excited about the potential of VR and the Metaverse to revolutionise learning and work, others express concerns about spending too much time in virtual environments and overexposure to screens. Join this session to learn how the Metaverse and

VR can enhance real-world skills and improve learning accessibility. Discover inspiring examples of more engaging and user-centric learning, including an interactive virtual programme for teaching biomanufacturing at a distance without modern laboratory equipment. We will also discuss the downside of excessive screen time and share innovative strategies to ensure the well-being of learners and employees.

Sheila Jagannathan, World Bank, USA
Isso Bayala, Quincy College, USA
Ousmane Ndoeye, Université Virtuelle du Sénégal, Senegal
Eric Hamilton, Pepperdine University, USA

EdTech as a Game Changer for African School Children
Friday, 14:30-15:45 (EN)

According to UNESCO, achieving the UN's Sustainable Development Goal 4 (Ensuring Inclusive and Equitable Quality Education for All) depends on technology. In this session, presenters will discuss how EdTech is a cost-effective way to narrow gaps in the delivery of education and improve educational outcomes. Join us to find out how to incorporate EdTech resources into your systems.

Hanna Girma Wedajo, EDC, USA
Sergio Ramirez-Mena, All Children Reading, USA
Chloé Latronico, AFINEF, France
Verna Lalbeharié, EDTECH HUB, USA

Nio far: A Coalition to Strengthen African Education
Friday, 11:45-13:15 (EN-FR)

The session will share lessons learned from UNESCO'S Global Education Coalition initiatives to support African countries in transforming digital learning ecosystems. Triggered by COVID-19 but aiming at a resilient education for a world in constant transformation, the initiatives seek to spark collaboration to strengthen national capacities for the development of contextualised learning tools and content. This session will present two initiatives, to show how UNESCO's GEC guidelines have been incorporated into national digital platforms to strengthen capacity building and engagement of national teams in African eLearning ecosystems to ensure sustainability.

Dimitri Sanga, UNESCO, Senegal
Guillaume Husson, UNESCO, Senegal

Immersive Learning as a Booster for Vocational Training in Africa
Friday, 14:30-16:00 (EN-FR)

Join us for a session on Immersive Learning, the Metaverse, and Virtual Reality in Africa, with speakers from various organisations sharing their insights and real use cases of solutions deployed in Africa. We will explore how the Metaverse can revolutionise vocational training and how to create an excellence training centre based on Immersive Learning. Additionally, we will discuss whether Africa is ready for the Immersive Learning age, taking into consideration infrastructure and cultural factors.

Jason Scales, MIMBUS, USA
Ousmane Thiongane, Senegal
Anne-Charlotte Monneret, AFINEF, France
Thierry Koscielniak, Conservatoire National des Arts et Métiers (CNAM), France

Low-cost Delivery of Digital Educational Experiences: How Simple Can It Be?

Friday, 11:45-13:00 (EN-FR)

The proven practices shared in this session will show how a basic mobile phone connected to the internet is often all what is needed to reach the masses and deliver educational experiences at scale. Join to discover how learners actually use digital devices to access new knowledge, how chatbots present an innovative approach for reaching low-income learners, and how digital courses can successfully upskill those living in remote areas.

Gavin Weale, Digify Africa, South Africa
Carole Benda, GIZ, Germany
Babacar J. Diop, ALFI, Senegal
Abdoulaye Kanté, RTI International, Senegal

Best Practices in Training African Civil Servants Digitally

Friday, 9:30-11:00 (EN-FR)

What challenges have to be overcome in the process of digitising analogue training modules for government workers? Join this session to discover innovative strategies to design user-friendly interactive training courses that take into account the language and digital skills level of learners.

Anna Amft, GIZ, Ethiopia
Cécile Bekkers, Agence Française de Développement, France
Jamal Ouchker, Enabel, Morocco
Mona Younes, Beyond Borders, USA

Empowering Women Entrepreneurs Through Online Peer-Learning

Friday, 10:00-11:00 (EN)

This session will explore initiatives that support women to develop financial, digital and business skills to start and grow new businesses, while they learn together to bridge the gender digital and financial divide that still remains.

Kristin Palmer, University of Virginia, USA
Dina Sodjadan, GIZ, Germany

Innovative Ways to Upskill African Healthcare Workers

Friday, 11:45-13:15 (EN)

Digital technology has proved to be a real game changer for the professional development of African healthcare workers. Join this session to find out about innovative ways practitioners and volunteers have been accessing knowledge and acquiring new skills across the African continent.

Maarten Van Laere, Belgian Red Cross Flanders, Belgium
Augustine Mwangi Gatotoh, University of Nairobi, Kenya
Olivia Landry Davis-Mbou, Mapubi, Germany
Marie-Cathérine Rausch, Ludwig-Maximilians-University Munich, Germany

How to Become a 21st Century Worker with Future-Ready Skills
Friday, 9:45-11:00 (EN)

Experimenting and making mistakes, completing tasks in new and unconventional ways and encouraging learners to think outside of the box to find creative solutions are the new methods to build the critical thinking and problem-solving skills needed to succeed in today's ever-evolving job market. This session will share good practices of initiatives that analysed the training needs of 21st century workers and learners, use co-creation to design the learning experience and apply cutting-edge technology and pedagogy to deliver the virtual courses.

Jimena Pereyra, UNESCO, France
Harald Fleischmann, Christiani Africa, South Africa
Aissatou Cissoke, SOGA, Senegal

Equipping Teachers for Future Skills: Evidence-based Tools and Techniques
Friday, 9:45-11:15 (EN)

This session focuses on equipping teachers with evidence-based tools to teach future proof skills such as critical thinking, problem-solving, communication and digital literacy, especially in low-income or remote areas and for special education needs. We will explore expectations and standards for appropriate learning experiences, how data-driven, playful learning and ICT-based methods can transform education systems and develop lifelong learners. tools such as AMS, Moodle, Plug-In-Play and QuickBooks in teacher education are also explored.

Adewunmi Payne Akinhanmi, Springhall British School, Nigeria
Emmanuel Bileti Acidri, National Teachers' College Muni, Uganda
Claver Yisa, Three Stones International, Rwanda

Innovative Ways to Connect African School Children with Contemporary Research and Oral History
Friday, 11:45-13:15 (EN)

Critical thinking, problem-solving and creativity are important skills for the future, and new pedagogical methods and tools are required to teach them at school. In this session, presenters will explain how critical thinking can be developed by involving students in citizen science projects and how students can learn to solve problems in science and maths with the help of game-like, interactive computer simulations that connect students to real-life phenomena. The session will also include a presentation on how to teach creativity by looking back and imagining what African ancestors imagined the future would be like in the absence of tech and books.

Aelita Skarzauskiene, Vilnius Gediminas Technical University, Lithuania
Susan Mwape, Common Cause, Zambia
Olusola Kolade Olateju, PhET Interactive Simulations, Nigeria
Trina Angelone, GlobalED, USA

Soft Skills for Employability
14:30-15:45 (EN-FR)

Soft skills such as decision-making, customer service, interpersonal skills, leadership and time management support various relevant African industries including Hospitality, Retail and Entrepreneurship. Join this session to explore initiatives that offer digital solutions to develop these skills leveraging open educational resources and EdTech tools.

Jacqueline Arnold, Saylor Academy, USA
Chloé Latronico, AFINEF, France
Corinne Bossé, Athabasca University, Canada

Innovative Training for Digital Teachers **Friday, 11:45-13:15 (EN)**

How can we improve the digital fluency of teachers while also increasing their ability to equip students with future-ready critical and creative skills? In this session, presenters will show how to develop innovative, digital, pedagogical competencies in teachers, how to gain learner engagement by using a scenario-based approach to teachers' training and how teachers can be involved in instructional design which removes barriers and creates new possibilities for digitally-mediated learning.

Deborah Kimathi, Dignitas, Kenya
Irene Elorm Hatsu Fiebor, KAIPTC, Ghana
Oluwakemi Olurinola, Olabisi Onabanjo University, Nigeria
Clara Njeru, EDU, Kenya

The Role and Competences of the Online School Teacher **Friday, 14:30-15:45 (EN-FR)**

This session will explore crucial aspects of teacher training and preparation in the digital age. Speakers will address subjects including the role of the online teacher, the competences teachers need for online synchronous teaching at schools and a study on the level of teacher preparation in implementing digital literacy programmes in childcare centres. Participants will gain a better understanding of the importance of computer training and digital literacy for teachers, creating and using digital content and virtual platforms, as well as the role governments and policy makers have in advancing innovative teaching and learning.

Maaïke Grammens, D-TEACH, Belgium
Fredrick Joram Obunga, Narok County Government, Kenya
Paul Waibochi, Centre for Mathematics, Science and Technology
Education in Africa, Kenya
Amy Rose Konate, Dynamik Learning, Senegal

How Digital Credentials are Transforming Learning and Recognition in the Workplace **Thursday, 9:30-11:00 (EN)**

Digital credentials and certifications are a form of verification that confirms an individual's knowledge, skills, and competencies in a particular subject or field. This session focuses on the benefits of digital credentials and certification in the workspace. We will explore various aspects of the theme, including using micro-credentials to improve quality pedagogical methods and learning outcomes, as well as the HPass, a collaborative initiative that is transforming how skills and experience are recognised in the humanitarian sector. The session also highlights how micro-credentials optimise business processes, eliminate costs, and streamline logistical procedures.

Rita Fennelly-Atkinson, Digital Promise, USA
Eiman Elmasry, ITCILO, Italy
Esther Grieder, Humanitarian Leadership Academy, UK
Mike Feerick, ALISON, Ireland

Tangible Positive Results of eLearning and Online Collaboration for African Universities **Friday, 14:30-15:45 (EN)**

This session will explore how online collaboration and online learning can solve some of the challenges African Universities are facing, such as producing quality research for sustainable development or delivering quality education cost-effectively. The session will also include a case study on how the Africa-Finland Educational Network assesses the quality of eLearning through its impact on improving healthcare in Africa.

Safary Wa-Mbaleka, Bethel University, USA
Mark Korir, African Economic Research Consortium, Kenya
Tomlin Paul, University of Global Health Equity, Rwanda

Early Adopters and Institutional Readiness to Implement eLearning in African Universities

Thursday, 9:30-11:00 (EN-FR)

Two decades ago, African universities began using information and communication technology to increase higher education opportunities. Today, as digital education continues to gain momentum, what can we learn from the veterans? What are the pitfalls? What are the secrets to success? And how can we tell if our institutions or our colleagues are ready to try new ways of teaching and learning?

Hisham Abdelsalam, The Egyptian E-Learning University, Egypt
Jean-Louis Correa, Université Virtuelle du Sénégal, Senegal
Christopher Addo, Kwame Nkrumah University of Science and Technology, Ghana
Equinet Amare, Amref Health Africa, Ethiopia

Innovative Pedagogical Design and Expert Collaboration to Ensure Open and Equitable Digital Education

11:45-13:00 (EN)

How can we design innovative, technology based pedagogies that bring us back on track and work towards goal 4 (education), goal 5 (gender equality) and goal 9 (innovation) of the SDGs? How can we find equitable education solutions to both our local and global challenges? In this session, participants will have the opportunity to learn and share in an interactive way. The session will also host the launch of 'The Knowledge Equity Network' (University of Leeds), an initiative that seeks to involve Higher Education leaders and experts from across the world, with a significant presence from Africa.

Salha Abdo, Open University of Sudan, Sudan
Lilia Cheniti Belcadhi, Sousse University, Tunisia
Antonio Martínez-Arboleda, University of Leeds, UK
Onyekachi Ginger-Eke, EDUTECH GLOBAL, USA

Transforming African Education Systems by 2030: Challenges and Opportunities

Friday, 09:45-11:15 (FR)

Halfway through Agenda 2030 for Education, transforming African education systems by 2030 is a major challenge and an opportunity for the continent's development. The session will explore various approaches to improve African education holistically, including infrastructure, financing, quality of teaching, access, and technology. Participants will learn about low-tech and high-tech solutions, with insight into the use of technology in teacher training and digital education programmes in Francophone African countries. The session will propose new learning technologies, models, innovative programmes, and practices that can personalise learning experiences, support sustainable learning opportunities, and provide concrete actions for improvement.

Abdeljellil Akkari, University of Geneva, Switzerland
Lilia Cheniti, Sousse University, Tunisia
Mar Mbodj, Gaston Berger University, Senegal
Mona Laoussi, IFEF, Senegal

**Shortening the Distance Between TVET and the Needs of Local Businesses
(FR)**

Friday, 14:30-16:00

This round table will reflect on new perspectives and opportunities in terms of mobility of vocational and technical training in Africa. Experts in vocational and technical training in Africa will discuss the implementation of innovative technologies that address the needs expressed by companies in the field. They will for example talk about how VR simulation allows for endless training in conditions identical to those encountered in the field. They will also showcase how container-trucks that are connected and equipped as training centres can be implemented as close as possible to the field and employment areas.

Moderator:

Yves Dambach, ENCAF by MEDEF International, France

**The Learning Battle
(EN/FR with simultaneous interpretation)**

Wednesday, 17:15-18:15

The Innovative Learning Arena: Let's Battle It Out!

Following a global 'black swan' event, we all looked for the best possible new learning approaches in a mostly online learning world. Now it's time to shape the future by making the most valuable choices and thinking about the long run. This is an embodied learning session in which each willing participant is invited to speak out and defend their preferred learning method. You are permitted to lurk, but taking action is always heroic....

Tom Wambeke, ITCILO, Italy

Khalil Gueye, WNN-BNEWS INTERNATIONAL, Senegal