

TELLS CONFERENCE

PROGRAMME &
PARALLEL SESSION
TIMETABLE

15th – 16th
September

2026



Norad



UiA University
of Agder



MAKERERE UNIVERSITY



TELLS CONFERENCE 2026

REVISED CONFERENCE PROGRAMME & PARALLEL SESSION TIMETABLE

Tuesday 15th September – Wednesday 16th September 2026

DAY ONE: Tuesday 15th September 2026

Official Opening & Plenary Sessions (Conference Opens at 08:30)

Time	Session / Activity Details	Venue / Location
08:30 – 09:15	Arrival, Registration & Morning Refreshments	Conference Registration Desk
09:15 – 10:15	TELLS Project Video & Opening Remarks • <i>Dr. Mathias Nduwingoma</i> (Project Coordinator at UR) • <i>Prof. Florian Nsanganwimana</i> (Principal, College of Education, UR)	Main Plenary Hall
10:15 – 11:00	Keynote Speech 1 The Paradox of Transformative eLearning in Changing times. Speaker: <i>Prof. Jessica Norah Aguti</i>	Main Plenary Hall
11:00 – 11:20	Official Group Photo Session	Designated Assembly Area
11:30 – 12:30	High-Level Panel Discussion Topic: Digital Transformation, AI and Lifelong Learning: The Future of Education in Africa and Beyond Panelists: <i>Prof. Paul Muyinda Birevu</i> (Makerere Univ., Uganda) <i>Dr. Olivier Habimana</i> (UR & HEC, Rwanda) <i>Prof. Alexandra Lazareva</i> , (Univ. of Agder, Norway) <i>Prof. Ghislain Maurice N. Isabwe</i> (Univ. of Agder, Norway) Moderator: <i>Dr. Claude Karegeya</i> (UR)	Main Plenary Hall
12:30 – 13:30	Networking Lunch	Dining Hall / Restaurant
13:30 – 17:00	Parallel Thematic Sessions — Block 1 (Presentations 01 to 09 per Room) • 3 Parallel Rooms Running Concurrently (20 Mins per Presentation: 15 min Talk + 5 min Q&A) • Detailed presentation allocations provided in table below.	Parallel Rooms 1, 2 & 3
17:00 – 18:00	Networking & Poster Presentations Session • Interactive viewing and Q&A with 21 poster authors at their designated displays.	Plenary Hall & Foyer
18:00 – 21:00	Gala Dinner & Social Cocktail	Main Banquet Hall

DAY TWO: Wednesday 16th September 2026

Time	Session / Activity Details	Venue / Location
08:30 – 08:50	Arrival, Registration & Morning Tea/Coffee	Foyer & Registration Desk
08:50 – 09:00	Wrap-Up of Day One & Key Announcements	Main Plenary Hall
09:00 – 09:45	Keynote Speech 2 Can Esports Teach Us to Lead? Teams, Strategy, and the Metaframe. • Speaker: Assoc. Prof. Dr. Tobias Scholz (University of Agder, Norway)	Main Plenary Hall
09:45 – 10:00	Tea / Coffee Break	Foyer
10:00 – 13:00	Parallel Thematic Sessions — Block 2 (Presentations 10 to 18/19 per Room) • 3 Parallel Rooms Running Concurrently (20 Mins per Presentation: 15 min Talk + 5 min Q&A) • Concludes all remaining oral presentations.	Parallel Rooms 1, 2 & 3
13:00 – 13:15	Transition to Plenary for Closing Ceremony	Main Plenary Hall
13:15 – 13:30	Closing Remarks • Prof. Didas Kayihura Muganga, Vice Chancellor, University of Rwanda	Main Plenary Hall
13:30 – 14:00	Official Closing Ceremony & Presentation of Certificates Dr. Mathias Nduwingoma	Main Plenary Hall
14:00 – 15:00	Lunch Break for All Delegates	Dining Hall
14:45 – 17:00	TELLS Steering Board Meeting [CLOSED SESSION FOR TELLs STEERING BOARD MEMBERS ONLY]	Steering Board Conference Room
15:00 – 17:00	Networking & Kigali City Tours (Optional for Delegates)	City Tour Departure Point

COMPLETE PARALLEL SESSIONS TIMETABLE (58 PRESENTATIONS)

The 60 oral presentations are dispatched across 3 parallel rooms. Each presentation is strictly allocated 20 minutes (15 minutes oral presentation + 5 minutes live Q&A).

ROOM 1: Digital Education, Mobile Learning, AI-Enhanced Pedagogy & Lifelong Learning

Session Chair: Prof. Jean Uwamahoro | **Session Secretary:** Dr. Delphine Mukingambeho

Day	Time Slot	Presenter(s)	Paper / Presentation Title
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Day 1	13:40 - 14:00	Gabriel Janvier Tugirinshuti	Leveraging mobile learning technologies to support university students in laboratory practice self-learning: A state of the arts.
Day 1	14:00 - 14:20	Daniel Uwiringiyimana	The role of mobile technology, simulations, and virtual lab applications in supporting inquiry-based biology learning in Rwandan secondary schools.
Day 1	14:20 - 14:40	Renée Schulz	Towards a User-Centered Framework for Mixed Reality Maritime Engineering Training: Design Principles for Immersive Learning Interfaces.
Day 1	14:40 - 15:00	Gabriel Janvier Tugirinshuti	Enhancing University Students' Laboratory Self-Regulated Learning through 5E-Based Mobile Learning.
Day 1	15:00 - 15:20	Servilien Bimenyimana	Generative AI as co-teaching partner in pre-service teacher education: Enhancing statistics teaching competencies for primary schools.
Day 1	15:20 - 15:40	Etienne Numviyumukiza	Evaluating "Institutional Artificial Intelligence Resiliency" in Low and Middle-Income Country Universities: Exploring the Use of ChatGPT among Medicine and Health Sciences Students in Rwanda.
Day 1	15:40 - 16:00	Denys Rukundo	Artificial Intelligence as a Learning Partner: Postgraduate Students' Perceptions of AI-Supported English Language Learning in Higher Education.
Day 1	16:00 - 16:20	Diane Umutoni	Using GPT4All, a Locally-Installed AI Coding Assistant, to Improve Debugging Skills and Confidence Among Secondary School ICT Students.
Day 1	16:20 - 16:40	Theopista Irakoze	Examining the Relationship between the use of computer simulations and students' academic performance in genetics in the selected lower secondary schools in Rutsiro district, Rwanda.
Day 1	16:40 - 17:00	Leon Ntabomvura	Who is on the other side of the screen? Investigating Learner Authentication Mechanisms in University of Rwanda's E-Learning Assessments.
Day 2	10:00 - 10:20	Harriet Mutambo Nabushawo	Towards Inclusive Digital Learning in Higher Education: A Design-Based Study at Makerere University.
Day 2	10:20 - 10:40	Valerien Bimenyimana	Continuous professional development as a lifelong learning strategy for enhancing teaching effectiveness in public secondary schools in Rwanda, a case of Kamonyi District.
Day 2	10:40 - 11:00	Grace Ukwigize	Transforming quality instruction through professional reflection and feedback: Evidence

			from public primary schools in Gasabo District, Rwanda.
Day 2	11:00 - 11:20	Kelly Tabe Takang	The Impact of School-Related Stressors on Adolescent Wellbeing in Kumba, Cameroon: Breaking Barriers to Future Learning.
Day 2	11:20 - 11:40	Dative Mukarukundo	Teaching Rwandan riddles through songs to improve learners' participation in primary four classrooms in Gicumbi District.
Day 2	11:40 - 12:00	Donald Shoko	Instructional Leadership as Curriculum Sensemaking: Developing Transferable Leadership Competencies for Lifelong Professional Learning in Rural Primary Schools.
Day 2	12:00 - 12:20	Hellen Mula Apondi Olum	Redesigning a Face-to-Face Course for Self-Paced Online Learning; An Instructional Design Case Study.
Day 2	12:20 - 12:40	Webster Mudzingwa	Transforming Teacher Training Colleges in Rwanda: Institutional Pathways for Competence-Based Diploma Certification.
Day 2	12:40 - 13:00	Damien Nzabihimana	Digital Transformation in Higher Education Institutions: A Systematic Literature Review of Drivers, Challenges, and Institutional Readiness.

ROOM 2: AI Transformation, Digital Pedagogy & Institutional Innovation

Session Chair: Assoc. Prof. Jean Leonard Buhigiro | **Session Secretary:** Dr. Blessings Baloyi

Day	Time Slot	Presenter(s)	Paper / Presentation Title
Day 1	13:40 - 14:00	Daniel Habimana	Applied Teacher-Supported Blended Learning mode to increase Higher-Order Thinking Skills in Senior Four Physics Optics in Nyarugenge District, Rwanda.
Day 1	14:00 - 14:20	Emile Twagirayezu	Assessing the Impact of Digital Transformation on Teaching and Learning in Higher Education.
Day 1	14:20 - 14:40	Zahir Mohamed	Perceptions of Esports, Transferable Skills, and Employability in Sub Saharan Africa.
Day 1	14:40 - 15:00	Jean de Dieu Uwimana	Generative AI-Enabled Quality Assurance in Learning Assessment: A Comparative Study of Teacher Training Institutions in Rwanda.
Day 1	15:00 - 15:20	Felix Besigomwe	Artificial Intelligence Competence among Teacher Trainees in Rwanda and Uganda: Implications for Future Teacher Education.
Day 1	15:20 - 15:40	Felix Besigomwe	Enhancing Pedagogical Practices through Digital Solutions: Comparative Evidence from Teacher Trainees in Rwanda and Uganda.

Day 1	15:40 - 16:00	Gentile Uwiringiyimana	Barriers to the Adoption of Artificial Intelligence Tools for Lesson Planning among Secondary School ICT Teachers in Rwanda.
Day 1	16:00 - 16:20	Tomomi Nakao	Integrating ICT into Pre-Service Teacher Education: Endline Evidence of Learning Gains and Classroom Practice Improvement from the PRISM Project in Rwanda's Teacher Training Colleges.
Day 1	16:20 - 16:40	Lydie Uwumutabazi	Assessing Assistive Technology Skills and Digital Self-Efficacy among University of Rwanda Students with Visual Impairments: Implications for Inclusive Academic Learning.
Day 1	16:40 - 17:00	Amanda Jankowitz	Digital Game-Based Learning in African Higher Education: Opportunities, Challenges and Future Directions.
Day 2	10:00 - 10:20	Pacifique Mayisha	Integrating Artificial Intelligence into Digital Learning Technologies: Opportunities and Challenges for Secondary and Higher Education in Rwanda.
Day 2	10:20 - 10:40	Jean Baptiste Mushimiyimana	Assessing Institutional Effectiveness and Strategic Priorities: A Case of the School of Educational Sciences at the University of Rwanda-College of Education.
Day 2	10:40 - 11:00	Roy Dushime	Enhancing secondary student's conceptual understanding in Electrochemistry using discovery-based practicals and improvised materials in Rutsiro district, Rwanda.
Day 2	11:00 - 11:20	Rose Chibaya	Teaching what we were never taught: Teacher-educators and transferable skills in Rwanda.
Day 2	11:20 - 11:40	Jean de Dieu Kabanda	Redesigning hospitality curricula for future jobs: Aligning pedagogical approaches with oral French communication at Rwanda Polytechnic.
Day 2	11:40 - 12:00	Justin Byiringiro	The use of Finite Element Analysis (FEA) or Numerical simulation as a teaching tool for engineering students in Rwanda.
Day 2	12:00 - 12:20	Jean Paul Uzabakiriho	Evidence-Based Interventions and Gender-Responsive Educational Leadership for Strengthening Girls' STEM Participation in Rwanda.
Day 2	12:20 - 12:40	Clémence Nyiramugisha Uwamwiza	Assessing the Translation Quality of Government Documents from English into Kinyarwanda: Evidence from Imihigo Performance Contracts in Nyamagabe District.
Day 2	12:40 - 13:00	Donatien Niyogisubizo	Effect of Low-Tech Learner-Centered Instructional Strategies on Students' Mathematics Problem-Solving Skills: A Study of Selected Lower Secondary Schools, Rutsiro District.

Day 2	13:00 - 13:20	Nicholas Isaac Mukwana	Reciprocal-Centric Pedagogy for Competence-Based Higher Education: Nurturing a Theory-Building Framework for Teaching, Learning and Knowledge Construction in Ugandan Universities.
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ROOM 3: Science Education, STEM, Learning Analytics & Research Capacity

Session Chair: Prof. Paul Muyinda | **Session Secretary:** Dr. Jean Francois Maniraho

Day	Time Slot	Presenter(s)	Paper / Presentation Title
Day 1	14:00 - 14:20	Emmanuel Niyigena	Development of an AI-Powered Virtual Laboratory to enhance Science learning in Rwandan secondary schools.
Day 1	14:20 - 14:40	Emilien Mpayimana	A Hybrid Learning Analytics Framework for Science Education in Low-Connectivity Contexts.
Day 1	14:40 - 15:00	Prosper Hakizimana	Impact of integrating assistive technology into Rwandan education system.
Day 1	15:00 - 15:20	Francine Mujawyezu	Assessing the Impact of AI-Powered Personalized Learning Systems.
Day 1	15:20 - 15:40	Joseph Kambanda	Ethical and Equity Considerations of Artificial Intelligence Use in Rwanda's Higher Education.
Day 1	15:40 - 16:00	Thabo Gina	Teachers' challenges, digital tools, and pedagogical practices for effective digital learning implementation in South African schools.
Day 1	16:00 - 16:20	Gloria Lamaro	Building AI-Ready Universities: Institutional Readiness for Transforming Teaching, Learning, and Research in Higher Education – A Case Study of Gulu University, Uganda.
Day 1	16:20 - 16:40	Richard Kajumbula	Co-Creating Inclusive Online Learner Support: An Educational Design-Based Research Approach to Academic Staff Development.
Day 1	16:40 - 17:00	Mar MBODJ	Réguler la collaboration : des scripts flexibles pour soutenir les interactions écrites de résolution de problèmes complexes dans une communauté d'apprentissage.
Day 2	10:00 - 10:20	Mar MBODJ	Intelligence artificielle : revue de cadres pour une stratégie sénégalaise inclusive de développement des compétences en IA.
Day 2	10:20 - 10:40	Anastase Ndahimana	Predictive maintenance of Gisenyi hydropower turbines through SCADA temperature analysis and an integrated monitoring strategy.
Day 2	10:40 - 11:00	Hopewell Biningu	Decolonising Graduate Research Supervision: Indigenous Knowledge Systems in Zimbabwean and Rwandan Universities.

Day 2	11:00 - 11:20	Jeannette Iragena	Effect of Gamification on Students' Engagement and Academic Performance in Statistics and Probability among Senior Two Students in Musanze District, Rwanda.
Day 2	11:20 - 11:40	Samuel Yaw Ampofo	Headteachers' Supervisory Roles and Teachers' Job Commitment: Unveiling the Mediating Mechanism of Collegiality.
Day 2	11:40 - 12:00	Desire Ngirabacu	Fostering transferable skills through inclusive education in higher Education: Implications for Rwandan students with Special Needs.
Day 2	12:00 - 12:20	Jean Damascene Bikorimana	The Role of Micro-credentials for The Future of Sub-Saharan African Higher Education.
Day 2	12:20 - 12:40	Vettore Hugo	Teaching Advanced Games User Research: A Case Study.
Day 2	12:40 - 13:00	Judith Mvurumutiya	Game-based learning: Enhancing learner participation and academic achievement in Early Childhood Education (ECE).
Day 2	13:00 - 13:20	J. Bosco Nshimiyimana & Bonaventure Uwamahoro	Joint Session: (1) Teachers' Instructional Competence & Learning Outcomes for Learners with Cerebral Palsy in Rwanda; (2) Data-Driven Decision-Making and School Performance in Ruhango District.

POSTER PRESENTATIONS SCHEDULING

The following 20 abstracts have been recommended for poster presentation. Posters will remain on display throughout Day 1 and Day 2 in the Plenary Foyer. Authors must be present at their posters on Day One (15 Sept 2026) from 17:00 – 18:00 for the dedicated Networking & Poster Presentations Session.

#	Lead Author	Poster Title
1	Simon Masiga	Teacher Digital Competence and digital inclusive education at Makerere University.
2	Janvier Rukundo	Design and Early Evaluation of Mathrone Academy: An Integrated Digital Learning Ecosystem for Rwanda.
3	Mugabo Kamonyo	Building Standards-Based Interoperability for Rwanda's Health Information Systems: A Sustainable Approach to Integrating Existing and Innovative Solutions.
4	Emmanuel Nkundimana	Artificial Intelligence-Enhanced Chemistry Education for Transformative Learning: Bridging Conceptual Gaps and Enhancing Student Learning Outcomes in Rwanda.

5	Sayidi Tuyizere	Factors Enhancing Pedagogical Practices through Digital Technology Integration in Rwandan Higher Education.
6	Hopewell Biningu	Overcoming the Theory-Practice Divide: Factors Hindering Action Research Implementation among Student Teachers in Rwandan Teacher Training Colleges (TTCs).
7	Sibusiso Sibanda	Engineering Lifelong Learning in TVET to Advance SDG 2: A Sustainable Textile and Apparel Value Chain Approach.
8	Diane Sengati Uwasenga	Integrating Gamified Frameworks to Enhance Problem-Solving and Collaboration in Secondary Schools in Rwanda.
9	Rachel Nyirabarera	Inclusive Education in Rwanda's Competence-Based Curriculum: Teachers' Experiences, Challenges and Opportunities for Educational Transformation.
10	Jean Claude Uwayezu	Evaluating the Bottlenecks in Hands-on Skills Learning from Academic-Industry Collaborations: Stakeholders Perspective.
11	Clemence Ineza	Designing a Collaborative Learning Resource Infrastructure for Co-Creation and Sharing in Higher Education.
12	Omega Mangena	Analysing School leadership's Role in Fostering gender-sensitive learning environments in marginalised Zimbabwean Schools.
13	Chibueze Tobias Orji	AI-Driven Career-Oriented Entrepreneurship, Graduate Employability and Future Workforce Readiness: The Mediating Role of Career Adaptability.
14	Fidele Mugema Nduwayo	Integrating Artificial Intelligence to Enhance Inquiry-Based Biology Teaching in Secondary Schools: Opportunities for Teacher Professional Development and Student Learning in Rwanda.
15	Sibusiso Sibanda	Virtual Fashion Studios as an Industry-Responsive Framework for Skills Development in Developing Economies.
16	Eustache Hagenimana	Integration of ICT tools in the teaching of English writing skills among Ordinary level students in selected schools in Huye District: Teachers' perception of the current situation and ways forward.
17	Marie Yvonne Ingabire	Critical analysis of Competence Based Curriculum implementation in primary and secondary schools of Musanze District, Rwanda.
18	Jean Paul Mbarushimana	Transferable skills & lifelong learning: exploring the role of esports in developing competencies among higher education students

19	Pierre Barayagwiza	Examining the current status and challenges of rehabilitation services in inclusive primary schools in Rwanda.
20	Jean Claude Rutabana	Scaffolding English Language Usage in Rwandan Business Taxation: A Sociolinguistic Perspective.