

## **CONFERENCE PROGRAMME**

**3<sup>rd</sup> International Conference on "Reshaping Education for Sustainable Development"**

**Conference venue: Kigali Conference and Exhibition Village (KCEV).**

**Dates: 14<sup>th</sup> -16<sup>th</sup> May, 2025**

**by**

**University of Rwanda-College of Education & LIT Project**

## **CONFERENCE THEME**

**“Empowering educators to prepare students for the complex challenges of tomorrow”**

### **THEMATIC CLUSTERS/ SUB-THEMES**

- Addressing future workforce needs
- Community and parental involvement
- Educational policy and reform
- Emerging Technologies in Education
- Global competencies and citizenship
- Holistic education and student well-being
- Inclusive and equitable education
- Innovative teaching practices

CONFERENCE DAY 1: Wednesday, 14<sup>TH</sup> MAY 2024

KIGALI TIME	ACTIVITY/EVENT		
08.30-9.00	Registration of participants: <i>Protocol team</i>		
09.00-09.30	Entertainment : <i>Entertainment (Dance &amp; Music)</i>	Master of Ceremony:  Assoc. Prof. Michael Tusiime & Ms Aloysie Uwizeyemariya	Session Coordinator Assoc. Prof. Dr Irene Ndayambaje  Session Rapporteur: Dr Innocente Uwineza
09.30-10.00	Official Opening : <i>Remarks by Convenor, UR-CE Principal, UR-Vice Chancellor</i>		
10.00-10.05	<i>Group Photo</i>		
10.00-10.30: Health break			

10:30-10:50	<p><b>Keynote Speech</b> by Prof Pamela Abbott.</p> <p><b>Question and answers</b></p> <p><b>Moderator:</b></p> <p><b>Panelists:</b></p>	<p><b>Master of Ceremony:</b></p> <p>Assoc. Prof Michael Tusiime &amp; Ms Aloysie Uwizeyemariya</p>	<p><b>Session Rapporteur :</b> Mr Aimable Mr Rugigana</p>
10:50–11:50	<p><b>Panel 1: Rethinking Higher Education in Africa: Challenges and Pathways for Sustainable Development</b></p> <ul style="list-style-type: none"> <li>▪ <b>Dr. Edward Kadozi</b> – Director General, Higher Education Council (HEC), Rwanda – <i>Panelist</i></li> <li>▪ <b>Prof. Juliet Perumal</b> – University of the Witwatersrand, South Africa – <i>Panelist</i></li> <li>▪ <b>Dr. Samuel Yaw Ampofo</b> – University of Cape Coast, Ghana – <i>Panelist</i></li> <li>▪ <b>Dr. Ayiorwoth Onen Harriet</b> – Uganda Management Institute, Kampala – <i>Panelist</i></li> <li>▪ <b>Prof. Baraka Manjale Ngussa</b> – Campus Director, Bugema University, Uganda – <i>Panelist</i></li> <li>▪ <b>Dr. David Onen</b> – Makerere University, Uganda, <i>Moderator</i></li> </ul>	<p><b>Master of Ceremony:</b></p> <p>Assoc. Prof Michael Tusiime &amp; Ms Aloysie Uwizeyemariya</p> <p><b>&amp; Moderator</b> Dr. David Onen</p>	<p><b>Session Rapporteur :</b> Mr Laurien Tuyishimire</p>
11:50-12:10	<p><b>Questions and Answers</b></p>	<p><b>Moderator</b> Dr. David Onen</p>	<p><b>Session Rapporteur :</b> Mr Laurien Tuyishimire</p>

12.10 – 12.20	MOVING AND SETTLING IN PARALLEL SESSION ROOMS
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Hall Label	BREAK AWAY SESSION - A THEME 1: Addressing future workforce needs	BREAK AWAY SESSION - B THEME 2: Community and parental involvement	BREAK AWAY SESSION - C THEME 3: Educational policy and reform	BREAK AWAY SESSION - D THEME 4: Emerging Technologies in Education
Session Chairpersons				
Rapporteurs				
TIME	AUTHOR & TITLE	AUTHOR & TITLE	AUTHOR & TITLE	AUTHOR & TITLE
12.20 – 12.40	<b>Mtika Peter</b> Understanding and Addressing Primary Teacher Shortage Crisis in Malawi	<b>Eustina Mudhumu</b> <i>Endorsing quality education through parental involvement in Public Secondary Schools: A Case of Gicumbi district in Rwanda</i>	<b>Rose Chibaya and Hopewell Biningu,</b> The impact of the implementation of Competence Based Curriculum (CBC) on teacher emotions in Rwandan Teacher Training Colleges (TTCs)	<b>Sisasenkosi Sibonokuhle Dube</b> Revolutionizing Mathematics Education in Rwandan Teacher Training Colleges through Emerging Technologies

<b>12.40-13.00</b>	<b>Eugenia Takavarasha</b> Interrogating the School Attachment Supervision and Final Lesson Examining at Teacher Training Colleges (TTC) in Rwanda to address 21 <sup>st</sup> Century global teacher requirements for Sustainable development	<b>Mariam John Nyang’anyi</b> Exploring Parental Background and Its Impact on Literacy Development Among Primary School Pupils: A Case Study of Tabora Region, Tanzania	<b>Gibbons Thondhlana, Onias Musaniwa and Protais Bizimana</b> Re-entry policy impact on readmitted teenage mothers’ English proficiency in Rwandan Teacher Training Colleges	<b>Greimas Habineza</b> Emerging technologies in Education for sustainable development in Rwandan schools
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**13.00 – 14.00 LUNCH BREAK**

<b>14.00-14.20</b>	<b>Enock Panganayi Mawuye</b> The Perceptions of English Foreign Language Teachers About Their Pre-Service Preparation in Rwanda's Teachers Training Colleges.	<b>Lilian Akinyo Oyula</b> <i>Head teacher’s management practices and their influence on parental engagement in teaching and learning: a comparative exploration of the Kenyan and Canadian perspective</i>	<b>Faustin Nduwayezu, Jean de Dieu Habiaremye, Theophile Nsengimana, Pheneas Nkundabakura</b> Continuous Professional Development and Pedagogical Beliefs of Mathematics and Science Teachers in Rwandan Secondary Schools	<b>NSHIMIYIMANA Evode &amp; Dr. Patrick UjwigaAnguru</b> The Interaction between Artificial Intelligence versus Human Brain in Acquisition of English Language’s Grammatical Skills
<b>14.20 – 14.40</b>	<b>Dan Imaniriho</b> Stakeholder Perspectives on School Attachment in Rwanda: A Multi-Level Examination of Challenges and Best Practices	<b>Celine Byukusenge, Devotha Nyirabagenzi</b> Contribution of Teacher-Parent Collaboration on Students' Performance in Ordinary Level Secondary Schools in Ngororero District, Rwanda	<b>Samuel Yaw Ampofo, Vera Arhin, Samuel Oppong</b> Assessing the influence of Contextual intelligence and pedagogical support of school	<b>Esther Kibga</b> Building Digital Pedagogical Competencies: Training STEM Teachers to Use AI, VR, and AR in Classrooms to Improve their Pedagogical Practices

14.40-15.00	<b>Wanjau-Maseno,M.N</b> Assessing Graduate Employability Skills: A Case of Community Development Students at Pan Africa Christian (PAC) University. Nairobi Kenya	<b>Evariste Manirakiza et al:</b> Promoting Shared Responsibilities in Developing Children’s Early Literacy and Reading Culture in Rwanda	<b>Nepomuscene Hategekimana, Nsengimana Venuste and Gatarira Pierre Cobes</b> Curriculum changes and their influence on biology learning outcomes in Rwandan Secondary Schools: A comparative study (1962–2024)	<b>Jean Paul Roger, Rurangangabo Hilaire Habyarimana, Cecile Nyiramanzi &amp; Aimable Nzabonimana</b> English Teachers' Preparedness, Perceptions and Attitudes for ICT Integration in CBC Implementation: A Case Study of Secondary Schools in Rusizi District
15.00-17.00	<b>Visit to Kigali Genocide Memorial</b>			
17.00	<b>END OF SESSIONS, DAY 1</b>			

**CONFERENCE DAY 2 (TWO): THURSDAY, 15<sup>th</sup> MAY 2025**

KIGALI TIME	ACTIVITY	FACILITATOR
08.30-09:00	<b>PARTICIPANTS REGISTRATION</b>	<p align="center"><b>Master of Ceremony</b></p> <p align="center">Assoc. Prof Michael Tusiime &amp; Ms Aloysie Uwizeyemariya</p> <p><b>Session Rapporteur:</b> Ms Yvonne Twizerimana</p>
09:00-09:05	Recap of Day 1	
09:05 - 9:25	<p align="center"><b>KEYNOTE SPEAKER</b></p> <p align="center"><b>Prof. Ramashego Shila Mphalele</b> Questions and Answers</p>	
09:25 - 10:15	<p><b>Panel 2: “Enhancing Assessment Practices in the Digital Era: Reliability, Equity, and Innovation”</b></p> <ul style="list-style-type: none"> <li>▪ <b>Prof Dr. Nokulunga Ndolvu</b> – University of the Witwatersrand, South Africa – <i>Panelist</i></li> <li>▪ <b>Assoc. Prof. Emily Sitienei</b> – University of Eldoret, Kenya – <i>Panelist</i></li> <li>▪ <b>Dr. Yohannes Mehari</b> – Faculty of Management and Business, Tampere University – <i>Panelist</i></li> <li>▪ <b>Assoc. Prof. Emmanuel Ojo</b> – University of the Witwatersrand, South Africa – <i>Moderator</i></li> </ul>	

10:15-10:35	Questions and Answers	Moderator: <b>Assoc. Prof. Emmanuel Ojo</b>
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10:35 - 11:00	<b>HEALTH BREAK</b>
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Label	<b>BREAK AWAY SESSION - A</b>  THEME: Global competencies and citizenship/ <b>Holistic education and student well-being</b>	<b>BREAK AWAY SESSION - B</b>  THEME: Holistic education and student well-being	<b>BREAK AWAY SESSION - C</b>  THEME 7: Inclusive and equitable education	<b>BREAK AWAY SESSION - D</b>  THEME 8: Innovative teaching practices
Session Chairperson				
Rapporteur				
11.00 -11.20	<b>Tawanda Shonhiwa</b>  Exploring the inclusion of global competencies and citizenship for sustainable education in Rwanda	<b>Liana Musekiwa</b>  Community and parental involvement in the education of learners with disabilities in a Rwandan community	<b>James Maizere</b>  Assessing the application of Universal Design for Learning facilities in teaching at a Teacher Training College in, Rwanda	<b>Jane Batamuliza</b>  Integration of Interactive Computer Simulations in Teaching and Learning Chemical Reaction: Students' Performance and Concept Retention

11.20- 11.40	<b>Delphine Mukingambeho</b> Integration of Genocide Studies in Rwandan Secondary Schools: Challenges and Strategies for Enhanced Educational Impact	<b>Sisasenkosi Sibonokuhle Dube</b> Effects of Information and Communication Technology on Parental and Community Involvement in Rwandan Mathematics Education	<b>Emmanuel DUSABIMANA</b> Impact of poor mental health on high school students' english academic writing performance in selected schools of Rwanda	<b>Ezechiel Nsabayezi</b> Modernizing organic chemistry education through multimedia-supported flipped classrooms: Scrutinizing students' engagement and motivation
11:40-12.00	<b>Onias Musaniwa</b> Navigating the journey from lower secondary school to teachers' college: Students' experiences at a teacher training college, Rwanda	<b>Barnabas Muyengwa et al.</b> Developing Effective Volunteer Programmes: A Case Study of Rukara Model School in Rwanda	<b>Ukobizaba Fidele</b> Understanding Displace Learners' Experienced Trauma towards Inclusive Education: A Case of Mahama Refugee Camp.	<b>Enock Panganayi</b> An Evaluation of The Scaffolding Reading Experience Framework as a Strategy for Improving Reading Comprehension at Nyamata Teachers Training College.
12:00-12.20	<b>James Maizere Maizere</b> Assessing the Deanery's roles in the development of a holistic Teacher at a Teacher Training College in Rwanda	<b>Margaret Machingambi, Emmanuel Sezibera:</b> The role of parents and the community in preparing science students (STEM) for the Fourth Industrial Revolution in Gatsibo District in Rwanda	<b>Edmore Chingwe</b> Leaving no One Behind: An Assessment of Tutor's Awareness of Learning Difficulties	<b>Ruterana Jonshon</b> Use of cost-effective Bioethanol to Enhance the Teaching and Learning of Chemistry through Hands-On Laboratory Activities
12.20-12.40	<b>NZABIHIMANA Damien</b> Influence of Levels of Academic Self-Efficacy of First-Year Student Teachers of the University of Rwanda-College of Education on their Academic Performance	<b>Admire Chafa:</b> Perceptions of Parents on the Abolishment of Corporal Punishment in Mzilikazi District Primary Schools of Bulawayo Metropolitan Province	<b>GATETE Elias</b> The Contribution of Community-Based Rehabilitation in Inclusion of Learners	<b>Nahimana J. Pierre</b> Development and Use of a Cost-effective Centrifuge for Laboratory Separation Techniques

			with Physical Disability in Nyanza District in Rwanda	
12.40-13.00	<b>Ernest Ngendahayo:</b> Empowering Rwandan teachers to support student social and emotional learning: The effectiveness of a teacher professional education program	<b>Joseph Kubwimana et al.:</b> Exploring the Impact of Family-Related Disruptive Behaviors on Students' Academic Performance in Rwandan Secondary Schools	<b>Jo Westbrook</b>  Improving equity and inclusion in a large-scale Teacher Professional Development initiative in Rwanda: A focus on for Women Teachers and Teachers with Disability	<b>Pascasie Nyirahabimana:</b> Impact of Computer-Based Simulations with the Predict-Observe-Explain Method on O-Level Students' Conceptual Understanding in Chemistry and Physics in Rwanda
13.00 – 14.00 LUNCH BREAK				
14.00-14.20	<b>Elizabeth A. Owino</b> International Student Mobility in Africa: A Phenomenological Case Study of University of Kigali, Rwanda	<b>Asterie Nyirahabimana</b> Home Based Early Childhood Development Center as a home-grown solution to ensure optimum early childhood development: A critical analysis of Rwanda experience.	<b>Rose Chibaya</b>  Barriers to the inclusion of pregnant learners and adolescent mothers in schools. A case study of Chiringaodzi Circuit in Manicaland province Zimbabwe.	<b>NSHIMIYIMANA Evode</b> Brain activating methods: A Neurocognitive Approach to Teaching and Learning English as second language among young learners in Rwanda

14.20-14.40	<b>Elizabeth J. Katam:</b> Teachers Adoption of Integrated Curriculum in Junior Secondary Schools in Kenya: Opportunities and Challenges.	<b>Enock Panganayi</b> The impact of First Language on English Language Syntax for Kinyarwanda English Second Language First Year Students at Matimba Teacher Training College.	<b>Washington Chari</b> Challenges faced by educators and learners with disabilities in resource-starved contexts. Case of Ruvimbo Special School, District, Harare.	<b>NIKOBACHOZE Christine</b> Quality of Mathematics Assessment Items based on the Bloom's Taxonomy in Upper Secondary Schools of Kamonyi District, Rwanda
14.40-15.00	<b>Adebayo David Obafemi</b> Impact of Counselling Services on Self-Esteem of In-School Adolescents in Ilorin Metropolis, Nigeria	<b>Nowell Chidakwa</b> Breaking barriers and closing gaps: The role of community engagement and ethnopsychology in addressing educational inequalities in Zimbabwe	<b>Margaret Machingambi</b> Theory and practice towards the inclusion of students with diverse needs in regular primary classes in Gatsibo District in Rwanda	<b>Pascalie Nyirahabimana</b> The Role of Computer-Based Simulations and Predict-Observe-Explain Technique on Teachers' Pedagogical Knowledge in Rwanda's Lower Secondary Schools
15.00-15.20	<b>Moïse Ishimwe</b> Challenges and strategies for improving genetics teaching and learning in upper secondary schools: a case study of Gakenke District	<b>Linet Imbosa Muhati-Nyakundi:</b> Teachers experiences of inclusive education in sub-Saharan Africa	<b>Linet Imbosa Muhati-Nyakundi</b> Teachers experiences of inclusive education in sub-Saharan Africa	<b>Harriet Ayiorwoth</b> Bridging the Theory-Practice Divide: The Role of Academia-Practitioner Collaboration in Higher Education
15.20-16.00	<b>Beatrice Mukanyandwi</b> Students' Time Management Strategies and Quality Learning in Higher Education: Case of the Protestant University of Rwanda	<b>Obert Ganyata</b> Familial involution in Rwandan Teachers Training Colleges: Obstacles and prospects	<b>Idahemuka Magnifique:</b> Impact of Comprehensive Sexuality Education in Fighting against Unwanted Pregnancies in Selected Rwandan Secondary Schools	<b>Pascalie Nyirahabimana</b> Integration of Computer-Based Simulations in Chemistry and Physics Instruction among Rwandan Secondary Schools

16.00-16.20				<b>Jean de Dieu AMINI NGABONZIZA</b> Switching from Knowledge Based Curriculum (KBC) to Competency Based Curriculum (CBC) in Rwanda: Is there any change in English writing skills textbooks?
16.20-16.40				<b>Tinashe Murape</b>  Exploring the Complexities of Second Language Acquisition in Rwandan Public Schools
16.40-17.40				<b>Faustin Nduwayezu</b> Teachers and Students' Perception on Effectiveness of Virtual Biology Experiments developed by Rwanda Quality Basic Education for Teaching and Learning Genetics
17:00	<b>END OF SESSIONS, DAY 2</b>			
19.00-22.00	<b>Gala Dinner &amp; Networking</b>			

**CONFERENCE DAY 3 (THREE): FRIDAY 16<sup>th</sup> MAY 2025**

KIGALI TIME	ACTIVITY	FACILITATOR
08.30-09:00	PARTICIPANTS REGISTRATION	<b>Master of Ceremony</b>  Assoc. Prof Michael Tusiime & Ms Aloysie Uwizeyemariya  <b>Session Rapporteur:</b> Ms Mariane Uwamariya
09.00-09:05	Recap of Day 2	
09:05-09:25	<b>KEYNOTE SPEAKER</b>  Keynote Speech by Professor Pheneas Nkundabakura  Question and answers	
09:25 - 10:05	<b>Panel 3: Career Guidance for the Future: Balancing Individual Aspirations and Societal Needs</b> <ul style="list-style-type: none"> <li>• <b>Mr. Francois Ngoboka</b> – Rwanda Development Board (RDB) – <i>Panelist</i></li> <li>• <b>Assoc. Prof. Jolly Rubagiza</b> – University of Rwanda, College of Arts and Social Sciences (UR-CASS) – <i>Panelist</i></li> <li>• <b>Assoc. Prof. Ruth Wanjau</b> – Kenyatta University – <i>Panelist</i></li> <li>• <b>Assoc. Prof. Andrew Zeitlin</b> – Georgetown University – <i>Panelist</i></li> <li>• <b>Prof. Nkobi Pansiri</b> – <i>University of Botswana –Panelist</i></li> <li>• <b>Eng. Paul Umukunzi</b> – Director General, Rwanda TVET Board – <i>Panelist</i></li> <li>• <b>Assoc. Prof. Eugene Ndabaga</b> – UR–<i>Moderator</i></li> </ul>	<b>Master of Ceremony</b>  Assoc. Prof Michael Tusiime & Ms Aloysie Uwizeyemariya  <b>Session Rapporteur:</b> Ms Mariane Uwamariya

10.05-10.20	Questions and answers			
10:20-10:40	<b>HEALTH BREAK</b>			
10:40-12.00	<p>The future and sustainability of the conference “Re-shaping Education for Sustainable development”</p> <p><i>Note: This is the 3rd time since 2023 that University of Rwanda has organized this international conference. Participants in various Sessions reflect on what has been their experiences ,analyzing strengths and areas to improve looking forward.</i></p>			
<b>Label</b>	<b>Reflection Theme 1:</b>	<b>Reflection Theme 2:</b>	<b>Reflection Theme 3:</b>	<b>Reflection Theme 4:</b>
<b>Session Chairperson</b>				
<b>Rapporteur</b>				

10.40- 12.00	<b>WINDING UP PENDING PARALLEL SESSIONS</b>			
Lavel	<b>BREAK AWAY SESSION - A</b>  Addressing future workforce needs	<b>BREAK AWAY SESSION - B</b>  Education policy and Reform	<b>BREAK AWAY SESSION - C</b>  Theme 8: Innovative teaching practices	<b>BREAK AWAY SESSION - D</b>  <b>THEME 4: Emerging Technologies in Education</b>

10.40-11.00	<b>Laurien Tuyishimire</b> Assessment of Critical Thinking Skills among Kiswahili Secondary School Students in Nyarugenge District, Rwanda.	<b>Eustache Hagenimana, Philothere Ntawiha, Cyprien Tabaro</b> Impediments to Effective Competence-Based Assessment in English subject and Way forward:Case of selected lower secondary schools in Rulindo District	<b>Niyirora Emmanuel</b> Barriers in Fostering Creative Thinking among Secondary School Kiswahili Learners in Kigali	<b>Hagenimana Fidele</b> Scaling AI-Powered Innovation in Education: Enhancing Foundational Learning and Teacher Support in Rwanda
11.00-11.20	<b>Hilaire Habyarimana</b> Navigating employability: Insights into Rwandan university graduates' readiness for the job market		<b>Mutseekwa Christopher</b> STEM pre-service teachers experiences of teaching practice. A case study at a model school in Rwanda	<b>Reuben Dlamini, Rekai Zenda &amp; Danbaba Magana Na-Allah</b> Understanding University Lecturers' Beliefs on Online Education as a Tool to Achieving Instructional Equity Among South African Students
11.20- 11.40			<b>Celestin Ngendabanga</b> Empowering Chemistry Teachers through Improvised Materials: A Training Approach for enhancing Student Outcomes	<b>Sylvain Habimana</b> Impact of the 7E Model Approach on Secondary School Students' Academic Achievement in Algebra: A Study in Kamonyi District, Rwanda

11.40-12.00				
12.00-12.20				
12.20-13:00	Conference Wrap-Up & Closing Conference Convenor, Principal UR-CE & Vice Chancellor UR			
13.00-14.00	LUNCH BREAK			
14.00	END OF CONFERENCE			