



THE AGA KHAN UNIVERSITY



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AKDN

AGA KHAN DEVELOPMENT NETWORK



Education Conference

University Centre - Nairobi, Kenya
August 13th -15th, 2025

Empowering Educators and Leaders: Innovation and Insights for Sustained Transformative Change

DAY 1: WEDNESDAY 13th August, 2025

Time	Activity	Venue
8:00 – 8:30 am	Conference Registration	Common Area
8:30 – 11:00 am	Opening Ceremony Welcome <ul style="list-style-type: none"> • Associate Dean, Research & Partnership - Prof Fortidas Bakuza • Dean AKU-IED,EA - Prof Jane Rarieya • Provost AKU - Prof. Tania Bubela • AKF - Dr. Aqeela Datoo • AKDN Representative - Amb. Amin Mawji • Deputy Head Cooperation, Canadian High Commission - Ms Pamela Gordon • Guest of Honour, Cabinet Secretary for Education 	Auditorium (Room G23)
11:00 – 11:45am	Photography & Tea Break	Kiva
12:00 – 12:45 pm	Keynote Speaker: <i>Prof Iram Siraj, Professor of Child Development, University of Oxford, UK and Maynooth University, Ireland</i> Chair: Prof. Jane Rarieya	Auditorium
12:45 – 1:00 pm	Story of Change Wango Nyagwegwe	Auditorium
1:00 – 2:00 pm	Lunch	Kiva
2:00 – 2:10 pm	Pecha Kucha: <i>Gilbert Atukunda</i>	Auditorium
2:15 – 2:55 pm	Panel Discussion 1: Reimagining Teacher Education through Technology: Urgent Shifts for Kenya's Classrooms Chair: Dr Fred Mtenzi	Auditorium

CONCURRENT PAPER PRESENTATIONS BY SUBTHEME 3:00 – 4:30 pm					
	Auditorium	G24/Room 2	G25/Room 3	410/Room 4	411/Room 5
	SUB-THEME 1: Transforming Teacher Education through Innovation and Competence Development Chair Dr Howard Omukami	SUB-THEME 2: Strengthening School Leadership for Transformative Impact Chair Dr Grace Gatundu	SUB-THEME 3: Re-thinking Wellness and Well-being, Gender Equity and Inclusion in Education Chair Dr Nipael Mrutu	SUB-THEME 4: Transforming Education through Technology and Innovation Chair Dr Winston Massam	SUB-THEME 5: Transforming and Sustaining Educational Practice through Research Chair Dr Esther Kibga
	Epiphany Odubuker Picho, Polycarp Omara, Betty Akwongo, Carolyne Bakole and Nyagwegwe Wango Title: Continuous Teacher Professional Learning and Learner Academic Achievement in Pre-Primary and Primary Schools in West Nile, Uganda	Harun Njoroge, Philemon Rigba and Mweru Mwingi Title: Mentoring for change: The role of field-based practicum in developing transformative school leaders	Amina Abubakar, Japheth Adina, Anil Khamis and Wesley Ogari Title: Socioemotional learning competency - the weakest link in the existing educational systems in Kenya and Uganda: Gaps and opportunities	Fredrick Mtenzi Title: ChatGPT as a tool for lesson planning and content creation in physics lessons: A case of a public secondary school in Kenya	Kellen Kiambati, Jared Mutanya, Dezzline Ondigo, Edward Misava, Susan Mwangi Title: Policy culture in Kenya: Enhancing engagement research evidence uptake
	Mary Oluga Title: Sustaining excellence: A longitudinal exploration of professional development and retooling for champion primary school college tutors	Evodia Marco and Alphonse Amuli Title: Empowering teachers as leaders: Transforming school leadership in marginalized communities in Tanzania	Jayne Doreen Oluga and Damaris Lenah Oluga Title: Beyond access: Reframing refugee education in East Africa through wellness and gender sensitivity	Enos Kiforo Ang'Ondi Title: From innovation to reinvention: Tracking the post-project trajectory of a digital literacy initiative	Charles Maina Muigai Title: Enhancing self-paced learning through user-centered design: lessons from teacher feedback on digital course platforms
	Lucian Vumilia Ngeze Title: Minimizing content dilution in cascaded training programmes: A2IT2 model implementation in Zanzibar, Tanzania	Gilian Nindum (Online) Title: Reimagining school leadership for quality education: The case of selected schools in Cameroon	Stephen Nsyengula Title: Innovative inclusive strategies for empowering marginalised learners: Evidence from Southwest Tanzania	Jesca Harriet Audo Title: Empowering educators: Leveraging KELMS for enhanced professional growth	Tage Biswalo and Dorothy Almegah Title: Empowering teachers through action research: Strengthening project-based learning under Uganda's Competency-Based Curriculum
	Eric Katana Karisa and Nicholas Wachira Title: Reimagining teacher training: Organizational capacity assessment as a catalyst for sustainable change in Kenyan teacher training colleges	Obonyo Vitalis, Rashid Juma, Nancy Chebet and Wachira Nicholas Title: Exploring drivers and barriers influencing teacher enrollment motivation for postgraduate studies in East Africa		Vitalis Obonyo, Peter Okumu and Nicholas Wachira Title: Enhancing learning through Makerspace: A perspective from a secondary school in Siaya County, Kenya	Samuel Andema Title: Reimagining Assessment Through Ethnographic Fieldwork: A Case Study of Graduate Student Engagement at Makumbusho Village Museum
4:30 pm	HEALTH BREAK				Kiva

DAY 2: THURSDAY 14th August, 2025

Time	Activity	Venue
8:00 – 8:30 am	Registration	Common Area
8:30 – 8:45 pm	Reflections on Day 1	
8:50 – 9:30 am	Keynote Speaker: Ms Jeanette Valerie Nyanjom- CEO, Forum for African Women Educationalists (FAWE), Kenya Chair: Dr Mweru Mwingi	Auditorium
9:30 – 9:45 am	Story of Change Strengthening Gender-Responsive Teacher Preparation: Insights from a Longitudinal Study in Kenya, Tanzania, and Uganda Nipael Mrutu, Esther Kibga and Zaituni Ali	Auditorium

CONCURRENT PAPER PRESENTATIONS BY SUBTHEME | 9:50 – 10:30 am

	Auditorium	G24/Room 2	G25/Room 3	410/Room 4	411/Room 5
	SUB-THEME 1: Transforming Teacher Education through Innovation and Competence Development Chair <i>Ms. Mary Oluga</i>	SUB-THEME 2: Strengthening School Leadership for Transformative Impact Chair <i>Dr Alphonse J. Amuli</i>	SUB-THEME 3: Re-thinking Wellness and Well-being, Gender Equity and Inclusion in Education Chair <i>Dr Howard Omukami</i>	SUB-THEME 4: Transforming Education through Technology and Innovation Chair <i>Dr Nicholas Wachira</i>	SUB-THEME 5: Transforming and Sustaining Educational Practice through Research Chair <i>Dr Fred Mtenzi</i>
	Jane Rarieya, Philemon Righa, Alice Mwang'ombe	Mweru Mwingi	Gilbert Yegon	Maina Gioko and Sabra G. Kalfan	Mary Otieno, Abdimalik Farah, Rosemary Akinyi Olendo and Sara Bashir Malik
	Title: Challenges and Opportunities in Continuous Professional Development: Insights from Teacher Training College Tutors	Title: Strengthening Educational Leadership through Public-Private Collaboration: Cross-Country Insights from Kenya, Tanzania, and Uganda	Title: Predicting Teacher Depression in Resource-Constrained Settings: An Ensemble Model for Kenyan Schools	Title: Exploring the Impact of Google Groups on Collaborative Learning and Professional Engagement Among Alumni Educators	Title: Empowering Teachers as Agents of Change: Action Research on Transformative Professional Development for Inclusive Education in Rural Kenya
	Athar Ali, Mariam Noorani, Samina Somji [Online]	Grace Gatundu	Everlyne Okeyo, Amina Abubakar	Winston Massam and Emmanuel Mutura	Richard Ibrahim Sungura and Venant M. Fundi
	Title: Train 2 Transform: A Quality Improvement Initiative for Educator Development in Postgraduate Medical Education at Aga Khan University, Tanzania	Title: Public-private partnership dynamics in educational leadership: The KEMI and AKU-IED, EA diploma programme	Title: Teacher Job Satisfaction as an Indicator of Well-being: Insights from Nairobi County	Title: From innovaExploring the potential for context-based science learning in enhancing authentic competence-based education in Tanzania: Evidence from high school students and teachers	Title: The Role of School Leadership in Empowering Teachers for Gender-Responsive Assessment in Pre-Primary and Primary Education in Lindi, Tanzania
10:30 – 11:00 am	HEALTH BREAK				Kiva
11:00 am – 12:30 pm	<i>Bello M. Tongo</i>	<i>Winston Massam and Howard Omukami</i>	<i>Esther Kibga, Joseph Muthama, Thompson Karema, Lucy Rweyemamu, Rose Iminza</i>	<i>Mary Oluga, Maina Gioko, Okura Jack</i>	<i>Jane Rarieya, Esther Kibga, Doroth Fetaru, Samuel Ng'ang'a, and Adelphina Kimario</i>
	Master Class: Reimagining Teacher Professional Development through AI and Entrepreneurial Education	Master Class: Active Learning Strategies for Competence Based Learning in Science, Technology, Art, Engineering and Mathematics (STEAM) in the Foundational Years	Master Class: Reimagining CPD through Technology and Pedagogical Innovation: Insights from CELL's Integration of PhET Simulations in Tanzania	Master Class: From Folders to Futures: Empowering Teachers to Create and Assess Portfolios in CBC.	Master Class: Growing Green Minds: Promoting Environmental Consciousness through Literacy Clubs in Urban Public Primary Schools in Tanzania

12:30 – 1:00 pm	Exhibitions and Posters	Common Area
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POSTERS						
<i>Advancing Gender-Inclusive Participation through Targeted School-Based Interventions in Junior Secondary Schools: Evidence from Samburu Sub County, Kenya</i>	<i>Assessing Student Teachers' Preparedness for Inclusive and Equitable Teaching Practices: A Survey Study of Morogoro Teacher Training College, Tanzania</i>	<i>Catalyzing Change Through Innovative Research Methodologies in Education</i>	<i>Developing Leadership Capacity in Rural Ugandan Teacher Training Colleges: Data-Driven Insights from the West Nile Region</i>	<i>Embracing Digital Tools in Physics and Mathematics Classroom: Reflections from a Rural Kenyan Teacher</i>	<i>Inclusion in Action: Implementing Universal Design for Learning in Teacher Education through Scenario-Based Workshops in Morogoro</i>	<i>Innovative Learning Spaces and Blended Learning: Quest for 21st Century Competency Teaching and Learning Approaches in Kenyan Secondary schools</i>
Mercy Egwa Mwasi, Edith Mutindi Kavoo, Rose Akumu Odera, Berinda David, Kyengo Rapheal Muteti, Vincent Munyi Mwangangi and Joel Kidzokizo	Ephline Obaso and Esther Kibga	Sisa Nyakundi Ankiri, Grace Mghoi Nyange and Fortidas Bakuza	Richard Anywar and Nicholas Wachira	Jayne Kazungu	Constance Machila, Esther Kibga and Joseph Muthama	Adera Norah and Esther Kibga

1:00 – 2:00 pm	HEALTH BREAK	Kiva
2:00 – 2:10 pm	Pecha Kucha: <i>Khadija Ismael Suleiman</i>	Auditorium
2:15 – 2:45 pm	Panel Discussion 2: Gender, Wellness and Educational Inclusion Chair: Dr Mweru Mwingi	
2:50 – 3:00 pm	Story of Change: Bridging Policy and Practice: Strengthening Inclusive Education for Children with Disabilities in Rural Kenya <i>Lyndah Christine Jakandang'o</i>	Auditorium

CONCURRENT PAPER PRESENTATIONS BY SUBTHEME 3:05 – 4:30 pm					
	Auditorium	G24/Room 2	G25/Room 3	410/Room 4	411/Room 5
	SUB-THEME 1: Transforming Teacher Education through Innovation and Competence Development Chair <i>Charles Muigai</i>	SUB-THEME 2: Strengthening School Leadership for Transformative Impact Chair <i>Rose Iminza</i>	SUB-THEME 3: Re-thinking Wellness and Well-being, Gender Equity and Inclusion in Education Chair <i>Enos Kiforo</i>	SUB-THEME 4: Transforming Education through Technology and Innovation Chair <i>Deo Ndunguru</i>	SUB-THEME 5: Transforming and Sustaining Educational Practice through Research Chair <i>Dr Tage Biswalo</i>
	Fred Tukahirwa	Odubuker Picho Epiphany, Polycarp Omara, Betty Akwongo, Carolyne Bakole and Nyagwegwe Wango	Sarah S. Mbogela, Evodia M. Kindyamtunga and Alphonse J. Amuli	Epaphras Nicodemus and Fredrick Mtenzi [Online]	Fortidas Bakuza
	Title: School-based Continuous Development of Teachers: A Case Study of Teachers at Aga Khan High School, Kampala	Title: School Leadership and Management and Learner Academic Achievement in Pre-Primary and Primary Schools in West Nile, Uganda	Title: Promoting Gender Equity in School Leadership: Insights into Female Teachers' Roles and Barriers in Secondary Schools in Ubungo Municipality, Tanzania	Title: Exploring the ImEvaluating the Effectiveness of AI Text Humanizing Tools in Reducing AI Detection in AI-Generated Texts	Title: Improving Teaching and Learning in Early Years Education through Transformation of Educators: Experiences from F4L in Tanzania, Kenya, and Uganda

	Allen Nantege	Odua Peter	Purity Kajuju Mburung'a and Purity Mweru Mwingi	Jecha S Jecha and Anum Banaras [Online]	Kabahweza Lilian and Samuel Andema [Online]
	Title: Teachers as Agents of Change: Lessons from Aga Khan Primary School, Uganda.	Title: Cultivating Distributed Leadership Practices for Sustainable Education in Rural and Marginalized Primary Schools: Insights from Obongi District, Uganda	Title: Towards Gender Equity in Early Childhood Education: Advancing Male Teacher Inclusion and Well-being in Mombasa County, Kenya	Title: Optimizing Teaching Effectiveness Through Educational Technology: A Pilot Study on Lecturer Perspectives and Application at Zanzibar University	Title: Bridging Implementation Gaps in Uganda's Diploma in Education Primary Programme: Evidence from Two Institutions
	Polive Owino Okode	Cynthia Avoada	Nancy Chebet, Vitalis Obonyo and Mweru Mwingi	Happiness Onesmo Lukoko and Jecha Suleiman	Hamis Juma and Ganpat Patel
	Title: Evaluating the Evaluators: Perception of Geography Teachers on Teacher Performance Appraisal and Development	Title: Community Partnership in Education: A Step to Transformative Rural Education Practice in Ghana.	Title: Managing Inclusive Education for Teen Mothers in Kenya: Insights from 'Second Chance' Schools	Title: Perceptions and Preparedness of Educators to Incorporate Generative AI in Education for Sustainable Development: A Case Study of Universities in Tanzania	Title: Rethinking Assessment in Teacher Education: A Study on Equity, Engagement, and Reform
	Celestin Ngendabanga, Jean Baptiste Nkurunziza and Leon Rugema Mugabo [Online]	Kabahweza Lilian and Andema Samuel	Noreen M. Kwezi and Nyagwegwe C. Wango	Esther Kibga, Joseph Muthama and Thompson Karema	Oyiaga Isaac
	Title: Empowering STEM Education: Using Locally Sourced Materials to Improve Chemistry Instruction in Secondary Schools	Title: Bridging Policy-Practice Gaps in Uganda's DEP Program: Institutional Barriers and Sustainable Solutions for Teacher Competence Development	Title: Advancing Early Childhood Care and Education for Equity and Development in Southern Tanzania: Challenges, Opportunities and Policy Implications	Title: Transforming STEM Education: Assessing the Impact of Integrating PhET Simulations on Teaching Practices and Learning Outcomes in a Public Secondary School in Bagamoyo, Pwani	Title: Integration of Drama-Based Pedagogy to Improve Learners' Engagement in Christian Religious Education in a Selected Secondary School in Suba South Sub-County, Kenya
		Esther Namigadde		Dorothy Kilangi and Dorothy Fetaru	Winston Massam and Howard Omukami
		Title: Exploring the Impact of Triads on Teaching and learning as a tool for continuous Professional Development		Title: Leveraging Digital Learning in Classrooms by using Tablets	Title: Assessing the Psychometric Properties of an Entry Examination in a selected High School in Tanzania: An Item Response Theory Analysis
5:30 – 7:30 pm	COCKTAIL PARTY				Common Area

DAY 3: FRIDAY 15th August, 2025

Time	Activity	Venue
8:00 – 8:20 am	Conference Registration	Common Area
8:20 – 8:25 am	Day 2 Reflection	
8:30 – 9:15 am	Keynote Speaker: Dr Ponsto Moorosi Associate Professor, Centre for Education Studies, University of Warwick Chair: Dr Fortidas Bakuza	Auditorium
9:20 – 9:30 am	Pecha Kucha <i>Damaris Lena Oluga, Alpha Oluga Ogada and Jayne Doreen Oluga</i>	Auditorium
9:35 – 10:15 am	Panel Discussion 3: Rethinking Teacher Learning: Portfolios, Mentorship and Collaborative Learning Chair: Prof Jane Rarieya	Auditorium
10:20 – 10:30 am	Story of Change Title: Empowering Teacher Leaders: Driving Educational Transformation in Kenya's Urban Informal Settlements <i>Florence Awuor and Faith Muisyo</i>	Auditorium
10:30 – 11:00 am	HEALTH BREAK	Kiva

CONCURRENT PAPER PRESENTATIONS BY SUBTHEME | 11:00 am – 12:00 pm

	Auditorium	G24/Room 2	G25/Room 3	410/Room 4	411/Room 5
	SUB-THEME 1: Transforming Teacher Education through Innovation and Competence Development Chair <i>Dr Maina Gioko</i>	SUB-THEME 2: Strengthening School Leadership for Transformative Impact Chair <i>Dr Polycarp Omara</i>	SUB-THEME 3: Re-thinking Wellness and Well-being, Gender Equity and Inclusion in Education Chair <i>Fr Hillary Kago</i>	SUB-THEME 4: Transforming Education through Technology and Innovation Chair <i>Rev. Fr Prof Picho</i>	SUB-THEME 5: Transforming and Sustaining Educational Practice through Research Chair <i>Dr Prof. Fortidas Bakuza</i>
	Peter Tabichi and Anil Khamis [Online]	Tage Biswalo, Nipael Mrutu, Esther Kibga and Zaituni Ali	Wamalwa Simon Nyongesa	Howard Omukami and Edwin Ogalo	Willy Muriuki and Anil Khamis
	Title: Re-tooling for Reform: Bridging Training and Resource Gaps in Kenya's Competency-Based Curriculum	Title: Transforming Teacher Education through Innovation and Competence Development in East Africa	Title: The boy-child dilemma in education: Identifying barriers and crafting strategies to promote equitable learning opportunities	Title: Empowering Junior Secondary School Educators through Artificial Intelligence: Responsible Strategies for Competence-Based Learning	Title: Exploring the capacity of science and technology teachers to develop valid assessment tasks: A case study of teachers in Hariani Zone in Kilifi County, Kenya
	Rose Iminza, Howard Omukami, Mary Oluga and Jane Rarieya	Philemon Rigba and Nicholas Wachira	Mercy Ngeno, Edith Nyamwange, Fatuma Wamala, Anande Nko	Edwin Okumu Ogalo and Fredrick Mtenzi	Vincent Omondi, Peter Okumu and Vitalis Obonyo
	Title: Enhancing Collaborative Teacher Professional Growth Through a Mentorship-Driven Programme: Experiences from Aga Khan Schools Uganda	Title: Leveraging Educational Technology in Educational Leadership Professional Development: Developing Champion Leaders	Title: Integrating home and school-based psychosocial support: A critical pathway to enhancing girls learning outcomes in East Africa	Title: Reimagining Teaching with Artificial Intelligence: ChatGPT as a Digital Tool for Physics Lesson Design in a Public Secondary School in Kenya	Title: Integrating Tax Education in the Curriculum: An Innovative Path to Transformative Learning in Kenya

	Jane Rarieya, Rose Iminza and Mary Oluga	Nicholas Wachira	Lojvar Tufalonova and Nipael Eliabu Mrutu	Dorothy Kilangi and Dorothy Fetaru	Faith Wachira, Adelphina Pantaleo, Lynet Odhiambo and Anil Khamis
	Title: Empowering Future Educators by Exploring the Role of Learning Portfolios in Teacher Development in F4L Participating Colleges in East Africa	Title: Reimagining Teacher Training Colleges as Innovation Ecosystems: Design Thinking as a Catalyst for Educational Transformation	Title: Building Listening and Speaking Skills in Pre-Primary Children: A Sociocultural Analysis of Teaching and Learning Materials and Strategies in Tanzania	Title: Leveraging Digital Learning in Classrooms by using Tablets	Title: Navigating the AI Dilemma in Education: Balancing Innovation with Ethical Considerations
				Esther Kibga, Lucy Rweyemamu, and Rose Iminza	Yada Samuel Ochieng and Howard Omukami [Online]
				Title: Tech-Enabled Transformation of Continuing Professional Development of Teachers: The Use of PhET Simulation in Tanzanian Classrooms	Title: Bridging Learning Gaps in the Competence-Based Education Using Gamified-Based Assessments. Experiences from a Primary School in Mombasa-Kenya.
12:05 – 12:15 pm	Story of Change: Hamis Juma, Hamza Ibrahim, Frank Christian TUSOME				Auditorium
12:20 – 1:00 pm	Panel Discussion 4: From the Field to the Future: Proven Strategies and Shared Lessons in Education Chair: Dr Nicholas Wachira				Auditorium
1:05 – 1:10 pm	Story of Change: Joyce Wangu				Auditorium
1:15 – 2:00 pm	Closing Ceremony				
	Conference Chair – Dr Mweru Mwingi Dean – Prof. Jane Rarieya Delivery of Communique – Dr Samuel Andema Guest of Honour				Auditorium
2:00pm	HEALTH BREAK				Kiva

