



**THE AGA KHAN UNIVERSITY**  
*Institute for Educational Development in East Africa*

# National Education Conference

**Maximizing Educational Change:  
Research, Policy, Leadership,  
Technology and Curriculum**

## CONFERENCE PROGRAMME

April 15 - 17, 2019  
Safari Park Hotel - Nairobi, Kenya

## **About Aga Khan University**

Aga Khan University is an international not-for-profit, university established in 1983 with a demonstrable track record of providing high quality tertiary education and health services. AKU is committed to the development of human capacities through the discovery and dissemination of knowledge and application through service. The University seeks to prepare individuals for constructive and exemplary leadership roles by shaping public and private policies, through strengths in research and excellence in education. In achieving its mission, AKU operates on the core principles of Quality, Relevance, Impact and Access. As an international institution, the University has 11 campuses and teaching sites spread over 8 countries in Asia, Africa and Europe. AKU is a non-denominational institution open to all, irrespective of religion, ethnicity, gender or national origin. It has a diversified workforce of over 10,000 employees worldwide.

## **About Institute For Educational Development, East Africa**

The Institute for Educational Development in East Africa (AKU-IED, EA) offers pioneering educational courses that address the needs and challenges of educators and educational researchers in the region. Based in Dar es Salaam, AKU-IED, EA is one of the leading centres in Educational research and teaching in East Africa. Our programmes are diverse, contextually relevant and adaptable to accommodate the required educational sector reforms. To date, AKU-IED, EA has graduated over 430 teachers through its Master of Education Degree Programme. The Institute draws participants from different countries in the region and internationally. As an Institute our research activities are organized around the following areas: early year's education, mathematics and science education and educational leadership, gender and widening participating. We have managed to attract research funding from national and international funding agencies. AKU-IED, EA develops and supports the professionalization of teachers, educational leaders, managers and others working in the field of education in nurturing innovation and improving the quality of education in East Africa. Specifically, AKU-IED, EA interventions strive to enhance the quality of education for boys and girls in East Africa by raising the standards for teacher education, and strengthening the capacity of existing education systems and networks. Recognizing the essential role of collaboration in yielding development results; IED encompasses AKU and the wider Aga Khan Development Network by regularly developing partnerships with domestic and regional institutions, including ministries of education, teacher-training colleges, local and international universities.

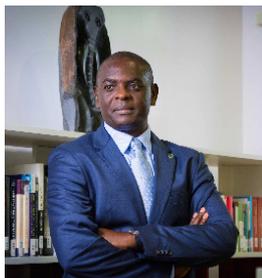
## Message from AKU Leadership

### Dr Carl Amrhein, Provost



It is my pleasure to welcome you to the National Education Conference on Maximizing Educational Change: Research, Policy, Leadership, Technology and Curriculum, scheduled for 15-17 April 2019 at the Safari Park Hotel, Nairobi, Kenya. This annual conference is an important part of the Aga Khan University's education portfolio. It is held in either Kenya, Tanzania or Uganda and provides a forum for intellectuals to network and dialogue with other academicians, teachers, policy makers, government officials, international organizations and development partners. It also brings together other relevant stakeholders in education to optimize change through different perspectives on reforms that ensure the education sector realizes its full potential. This conference is consistent with the mission of the Aga Khan University, which through its Institute for Educational Development in East Africa (IED, EA), works to improve the quality of education in the region. To achieve this, IED EA collaborates with the Ministries of Education in three countries. The close working relationship with the respective ministries has helped IED, EA in making sure that what it does in these countries in terms of improving the quality of education, aligns well with government's vision and development plans. I hope to see us break new ground in pinpointing specific areas of consensus and lines of action on maximizing educational change that will lead to sustainable educational reforms in the region. I wish every participant a successful and fruitful conference. Thank you.

### Dr. Alex Awiti, Vice Provost AKU, EA



It is my distinct honor and privilege to welcome you to the 3rd national conference of the Institute for Educational Development. This conference will focus on maximizing change in education through research, policy, technology and curriculum. At the core of such transformative change is responsive and adaptive leadership that is tuned with the present and informed by dynamic change. This conference provides an opportunity for us to design education systems that meet today's needs and the needs of tomorrow. Sustainable education systems must be built on a sound evidence-base, which in turn drives relevant policy upon which curriculum formulations are founded. As East Africans we can harness our shared cultural, economic and geographic realities to forge futures that further our integration and deepen our social connections. Defining and achieving consensus on what educational transformation means in this and the next century is an important common aim. This conference will reinforce and re-articulate old connections and inspire new ones. Together we can and must build a stronger education future for our region, the East African Community. I wish you all a truly fruitful conference.

### Prof. Joe Lugalla, Director AKU-IED, EA and Associate Vice Provost - Tanzania



It is an honour and privilege for me to hold our 3rd National Education Conference in Kenya, which has been organized by the Aga Khan University (AKU), Institute for Educational Development, East Africa (IED EA). The conference focuses on contextually relevant issues affecting education in East Africa. This Conference focuses on "Maximizing Change in Education" and will contribute dialogue on world-class standards in the skills and knowledge that every Kenyan needs and deserves to thrive in the 21st century. There has been a myriad of changes in the education sector in Kenya. Research and practice provide evidence that these reforms have consistently not achieved the desired outcomes. Therefore, this conference provides a forum for stakeholder dialogue to optimize change through perspectives on reforms that will ensure the education sector realizes its full potential. We strongly believe that we need to work together not only in identifying educational reforms that support educational development in East Africa, but also in implementing, monitoring and evaluating them effectively. To do so, we need to listen to the voices of people representing a wider cross section of the population of East Africa. We need to stand together, think together, deliberate together and finally act/implement together. That is the spirit we seek to build and achieve by the time this conference ends. Ahsante na karibu sana.

## BIOGRAPHIES OF GUESTS OF HONOUR & KEYNOTE SPEAKERS

### GUEST OF HONOUR & KEYNOTE SPEAKER- DAY 1

#### Prof. Chacha Nyaigotti



Prof. Chacha Nyaigotti Chacha is a Kenyan playwright and consummate educationalist. Previously, he served as an executive secretary of the Inter-University Council for East Africa and was the first CEO of the Kenyan Higher Education Loans. At present, he serves as the Chairman of the Kenyan Commission for University Education (CUE). Prof. Chacha was educated at Kenyatta College, receiving a BEd (Swahili Language) and later studied at Yale University, gaining an MA in Anthropological Linguistics and a Ph.D. in Swahili Language Linguistics. He has been a Tutorial Fellow and Lecturer in Swahili Language and Linguistics at Kenyatta University and later Egerton University in Kenya. He was a Research Professor at the Institute of Regional Integration and Development of the Catholic University of East Africa.

### GUEST OF HONOUR - DAY 3

#### Dr Julius Jwan



Dr. Julius Jwan is the Director/CEO at the Kenya Institute of Curriculum Development (KICD). He holds a PhD in Educational Leadership & Management and a Master of Science (MSc) Degree in Educational Research Methods - both from the UK. He also holds a Master of Philosophy (MPhil) Degree in Education Communication & Management from Norway and a Master's Degree in Linguistics from MoI University where he also graduated with a Bachelor of Education Degree. Dr Jwan has published widely on educational leadership and management in international journals and book chapters. He has also published three books on educational leadership and management and qualitative research methods. He is the winner of British Educational Leadership, Management and Administration Society (BELMAS) Best Doctoral Thesis Award, 2011.

### KEYNOTE SPEAKER- DAY 2

#### Dr. Jackline Nyerere



Dr. Jackline Nyerere has over 15 years experience working in higher education in teaching, research, and administration. She is currently Senior Lecturer of Educational Leadership and Policy at Kenyatta University. She is also Co-Chair of Education for Sustainable Development in Africa - Next Generation Research (ESDA-NGR) Network. Jackline holds a PhD Degree from Kenyatta University, Kenya and a professional training in Higher Education Leadership and Management from Carl Von Ossienzky University of Oldenburg, Germany. Her research projects are focused on internationalization of education, university partnerships, open and flexible learning, as well as sustainability. Jackline's publications appear in the International Review of Research in Open and Distance Learning, African Journal of Sustainable Development, European Journal of Training and Development, South African Education Journal, Routledge, Spears Media Press, among others. Jackline was a visiting researcher to the University of Padova, Italy, in 2011, and a research fellow at the African Institute for Development Policy (AFIDEP) in 2016.

## KEYNOTE SPEAKER- DAY 3

### **Prof. John Aluko Orodho**



Prof. John Aluko Orodho is an Associate Research Professor of Curriculum and holds a Doctorate Degree in Curriculum (Science Education) and Master's Degree of Education in Curriculum from Kenyatta University as well as Bachelor of Education (Science, Hons.) from the University of Nairobi, Kenya. Prof. Orodho has been a science educator in Secondary schools, High Schools, Polytechnics and currently at university level. Apart from teaching, he has extensively undertaken research and disseminated findings in various international conferences. So far, he has published ten textbooks and over one hundred papers in peer-reviewed international journals. Prof. Orodho is also a professional consultant in World Bank funded projects such as the African Centre of Excellence in Teaching and Learning Mathematics and Science (ACETLMS) and Kenya Youth Employment and Opportunities project (KYEOP). He is the current chairman of School of Education Board of Postgraduate studies and previously served as the National Liaison Officer of the Organization of Social Science Research in Eastern and Southern Africa (OSSEA).

## WORD OF THANKS FROM THE CONFERENCE CHAIR

### Dr. Fredrick Mtenzi



Conferences such as the National Educational Conference, Kenya are a team effort. On behalf of the AKU-IED, EA administration and the local organizing committee I would like to thank you all for participating in this conference. The National Educational Conference offers an exciting combination of keynote addresses, panel discussions, paper presentations, posters and workshops. The focus in all these will be on key educational reforms and how they have impacted the educational systems in East Africa particularly in Kenya. We are grateful to the presenters for their time and scholarly contributions. The research papers in this conference are a result of recently completed or an ongoing study. All abstracts and papers were carefully reviewed to ensure quality and relevance of the presentation. Selected papers from this conference will be published in an edited book before the end of 2019. The papers presented do not represent the views of the sponsors and their partners or the Conference Organizing Committee. Members of the Local Organizing Committee gave generously of their time to ensure the quality and relevance of the national educational conference programme. We are deeply indebted to them for their commitment and generosity.

## Special Conference Notes

### Scheduling of Sessions

Presentation times vary depending on the type, and the timing of a session ranges from 25 minutes for parallel presentations to one hour for plenary, keynotes and workshops.

Start and ending for tea breaks and lunch do not occur predictably across the 3 day conference. This requires that you rely closely on the programme booklet, checking it at the end of each session/activity to ascertain the start time from the next session/event. Additionally, listen closely for updates and programme amendments from the Master of Ceremony (MC)

The conference does not end at the same time each day. Please make note of the variable times provided to help you manage your time for events/activities outside the conference.

For purposes of security and identification, please wear your badge for the duration of the conference.

Ushers will be available to guide you to the right room and look out for conference signage too!

### Conference Evaluation

We value your feedback on this conference. Evaluation forms will be provided everyday on registration. Kindly return the completed form to the secretariat/registration desk.

### AKU-IED Programme Admissions Desk

Participants are encouraged to visit the programmes admission desk for information and materials on the programmes offered at IED in Dar es Salaam. Programme application is open for Master of Education 2020.

### Social Media

Participants are encouraged to share their experiences on all social media platforms using the hashtag #AKUEducationConference. Follow our social media networks for updates and upcoming events at AKU.

### Enquiries

For any questions, consult the secretariat/registration desk. First Aid is provided at the desk.

# CONFERENCE SCHEDULE

Day 1, Monday 15, April 2019

<b>8:00am - 8:45am</b>	<b>Registration</b>
8:45am - 8:55am	Housekeeping
8:55am - 9:00am	National Anthem (Kenyan and East African)
9:00am - 9:05am	Prayers
9:05am - 9:20am	Welcome Address Prof. Joe Lugalla <i>Director AKU-IED, EA and Associate Vice Provost, AKU Tanzania</i>
9:20am - 9:35am	His Excellency Dr. Azim Lakhani <i>The Ambassador, Aga Khan Development Network, Kenya</i>
9:35am - 10:05am	<b>Guest of Honour Address</b> Prof. Chacha Nyaigotti-Chacha Chairman, Commission for University Education (CUE) Kenya
10:05am - 10:40am	Group Photo
<b>10:40am - 11:15am</b>	<b>Tea Break</b>
11:15am - 12:00pm	<b>KEYNOTE 1:</b> <i>The Leadership and Governance and Management of Teaching in the Era of Reform</i> Prof. Chacha Nyaigotti-Chacha Chairman, Commission for University Education (CUE) Kenya <b>Chair: Nicholas Wachira</b>
12:00pm - 1:00pm	<b>PARALLEL PAPER PRESENTATIONS</b>
(25 minutes per paper including Q/A session)	<b>Room 1:</b> <b>Sub-theme:</b> Research that Improves Educational Practice <b>Chair: Shelina Walli</b>  <b>Paper 1:</b> Secondary School Mathematics Teachers' Utilization of Professional Development Programmes in Kenya <b>Josephine Nthiwa</b>  <b>Paper 2</b> Investigating the Influence of Non-Technical Words in Teaching and Learning of Science: A Case of a Primary School in Kenya <b>Buya Komora</b>

12:00pm - 1:00pm

**Room 2:**

**Sub-theme:** Equity and Equality for Inclusive Education

**Chair:** *Anyanzo Philip*

**Paper 1**

The Status of Equity, Equality and Inclusion in Policies on Special Needs and Inclusive Education in East Africa

*Joachim Tamba*

**Paper 2**

Routine Risk Management Strategies in TVET Institutions' Operations

*Dickens Odum*

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12:00pm - 1:00pm

**Room 3:**

**Sub-theme:** Leadership and Governance in an Era of Educational Change

**Chair:** *Fulgence Saronga*

**Paper 1**

Is School Leadership the Chair? The Novice Teacher Dilemma

*Elijah Ogoti Ongarora*

**Paper 2**

Democratic Citizenship Education and the Potentialities for Kenyan University Education Policy: Maximising Educational Change

*Jane Chiroma*

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12:00pm - 1:00pm

**Room 4:**

**Sub-theme:** Technology and Innovations Towards Educational Change

**Chair:** *Samwel Mukirae Njihia*

**Paper 1**

Teachers' Attitudes and Perceptions on Digital Literacy (DL) in the New Curriculum Dispensation

*Rose Iminza and Enos Kiforo*

**Paper 2**

School Technology Leadership for Technology Literacy: Re-positioning the School Leadership.

*Felix Mwawasi*

**Paper 3**

University Distance Learning Students' Mobile Phone Self-efficacy for Learning: A Case Study of St. Paul's University Moodle Application, Kenya

*Suleiman Mwangi & Grace Wangui Kinyanjui*

**1:00pm- 2:00pm**

**Lunch**

2:00pm - 3:00pm

**PLENARY 1:**

**Enacting Teacher Leadership: An Opportunity for Maximizing Educational Reform**

Dr. Nicholas Wachira, Head of Programmes, AKU-IED, EA

*Chair: Enos Kiforo*

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3:00pm - 4:00pm

**Workshops**

**Room 1**

*Chair: Mary Oluga*

Creating an Inclusive & Supportive Learning Environment: Lessons from the Map, Match and Merge (M3) Model in Uganda.

**Anyanzo Philip** - *St. John Bosco PTC, Lodonga*

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**Room 2**

*Chair: Veronica Sarungi*

Designing for Change: Using Human-Centred Design to Create Educational Content for a Changing World

**Hannah Simmons** - *Ubongo Kids*

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**Room 3**

*Chair: Joachim Tamba*

What Does Constructivism in Teacher Professional Development Look Like?

**Shelina Walli** - *Aga Khan University, IED-EA*

4:00pm - 4:20pm

**Tea Break and Networking**

4:20pm - 5:00pm

**POSTER PRESENTATIONS**

**Poster 1:**

Exploring The Use of ICT in Teaching and Learning of Mathematics in Secondary Schools

*Ruth Kerich*

**Poster 2:**

An assessment of teachers' instructional and organizational strategies in inclusive classrooms.

*Esther Kirabo*

**Poster 3:**

An assessment of teachers' instructional and organizational strategies in inclusive classrooms.

*Nelson Bariyo*

## Day 2, Tuesday 16, April 2019

**08:00am - 08:30am**      **Registration**

8:30am - 9:30am

**KEYNOTE 2:**

*Internationalization of Education*

Dr. Jackline Nyerere, Kenyatta University

**Chair: Mary Oluga**

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9:30am - 10:30am

**Educational Entrepreneurs Moving Education into the 21st Century**

**Eva Naputuni Nyoike** – Acorn Special Tutorials

**Hannah Simmons** – Ubongo Kids

**Barnabas Achoki** – School of Tomorrow

**10:30am - 11.00am**

**Tea break**

11:00am - 1:00pm

**PARALLEL PAPER PRESENTATIONS**

*(25 minutes per paper*

*including Q/A session)*

**Room 1:**

**Sub-theme:** Leadership and Governance in an Era of Educational Change

**Chair: Jane Rarieya**

**Paper 1**

Integrated Approaches to Teaching and Learning in Large Classes; Lessons from Chanika and Zingiziwa, Tanzania

**Fortidas Bakuza & Mussa Mohamed**

**Paper 2**

Effectiveness of Teacher Performance and Appraisal Document (TPAD) Use as a Curriculum Supervisory Tool in Improving Teacher Performance Competencies in Kenya

**Duncan Mwae Mwarimbo**

**Paper 3**

The Role of Teacher Leadership in School Management

**Warda Ibrahim**

**Paper 4**

Supporting Teaching in Higher Institutions: Implementing the BOPPPS Model at Aga Khan University

**Mary Oluga**

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11:00am - 1:00pm

**Room 2:**

**Sub-theme:** The Technology and Innovations Towards Educational Change

**Chair: Fredrick Mtenzi**

**Paper 1**

The Role of Technology in Communities of Learning for Professional Learning Collaboration and Support: A Practicum Case

*Maina WaGioko & Janet Manza*

**Paper 2**

Using ICT to Build Teacher Capacity about Sensory Impairments: An Innovation from the NORHED – ENABLE Project.

*Stackus Okwaput*

**Paper 3**

The Use of Multimedia In Teaching and Learning of Difficult Chemistry Practical Concepts in Secondary School in Kenya

*Chispine Odindo*

**Paper 4**

Application of Appropriate Technologies to Actualize Sustainable Development Goals for Environmental Sustainability

*Lydia Mburia*

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11:00am - 1:00pm

**Room 3:**

**Sub-theme:** Research that Improves Educational Practice

*Chair: Mussa Mohamed*

**Paper 1**

The Role of Playground Facilities on Pre-school Children's Participation in Outdoor Play Activities in Mombasa County, Kenya

*Phyllis A. Wijenje*

**Paper 2**

Accelerating Literacy Acquisition for Early Graders in Kakuma Refugee Camp and Kalobeyei Settlement

*Brown Onguko*

**Paper 3**

Exploring Teachers' Knowledge and Expectations of Children's Early Understanding of Division

*Veronica Sarungi & Andrea Peter Koop*

**Paper 4**

The Role of Knowledge Management in Academic Writing Tasks of Undergraduate Students: The Case of Selected Kenyan Universities

*Josleen Rutere*

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11:00am - 1:00pm

**Room 4:**

**Sub-theme:** Re-thinking Curriculum Design and Development

*Chair: Sheila Amuko*

**Paper 1**

Exploring Teachers' Experience of Teaching Mathematics in an Examination Oriented System - A Case of a Primary School in Kisumu County

*Hongo Daniel*

**Paper 2**

Rethinking Higher Education in Kenya: Energizing Complimentarity Linkages Between the Delivery and Transformative Contexts to Leverage Vision 2030

*Edwin Wanjawa*

**Paper 3**

Moderating Effect of Organizational Variables and Top Management Characteristics on the Relationship Between Management Development Practices and Service Delivery in Kenyan Public Universities

*Erick Nyakundi Onsongo*

**Paper 4**

Internationalization of Higher Education in Kenyan Public Universities: A Case of Kenyatta University

*Daniel Otieno*

**1:00pm- 2:00pm**

**Lunch**

2:00pm - 3:00pm

**PLENARY 2:**

**Fostering Inclusion in Education: Near Hits and Misses**

Dr. Jane Rarieya, Independent Education Consultant

*Chair: Mweru Mwingi*

3:00pm - 4:00pm

**PANEL DISCUSSION**

*Technology Innovations in Education*

*Maina Gioko* - Vice Principal Outreach, Aga Khan Academy, Mombasa

*Tonee Ndungu* - Founder, Kytabu Inc

*Symon Peter Meyo* - Symphony Technologies

*Nyandia Kamawe* - Akira Chix

*Chair: Fredrick Mtenzi*

4:00pm - 5:00pm

**PARALLEL PAPER PRESENTATIONS**

**Room 1:**

**Sub-theme:** Policy that Drives Education Reform

*Chair: Anil Khamis*

**Paper 1**

Understanding Teacher Attendance in Kenya- A Case Study of Embu County

*Jenny Price & Benjamin Durbin*

**Paper 2**

Leadership in East African Public Universities: Towards a Leadership Perspective/ Model that can Steer Change in Public Universities

*Johnson Ishengoma*

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4:00pm - 5:00pm

**Room 2:**

**Sub-theme:** Re-thinking Curriculum Design and Development

*Chair: Daniel Otieno*

**Paper 1**

Student's Attitudes Towards Learning Measurement Concept in Primary Schools in Kasarani Sub-County, Nairobi County, Kenya

*Sheila Amuko*

**Paper 2**

Re-conceptualizing Early Childhood Development and Education: Integrating Indigenous Knowledge in Competency Based Curriculum in Kenya

*Ciriaka Gitonga*

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4:00pm - 5:00pm

**Room 3:**

**Sub-theme:** Research that Improves Educational Practice

*Chair: Josleen Rutere*

**Paper 1:**

Integrating Twitter in University Teaching: An Action Research

*David Gitau*

**Paper 2:**

Exploring Strategies Used by Language Teachers in Supporting Learners with Reading Difficulties: A Case Study in a Primary School Kisumu County, Kenya

*Alice Schafer Aluoch*

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4:00pm - 5:00pm

**Room 4:**

**Sub-theme:** Equity and Equality for Inclusive Education

*Chair: Joachim Tamba*

**Paper 1:**

An Assessment of Teachers' Instructional and Organisational Strategies in Inclusive Classrooms

*Esther Kirabo & Nelson Bariyo*

**Paper 2:**

An Investigation into the Challenges Faced by the Deaf Learner in the Community

*Francis Kamonyore Muthui*

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05:00pm

**Tea Break and Networking**

## Day 3, Wednesday 17, April 2019

8:00am - 8:30am	<b>Registration</b>
8:30am - 9:30am	<b>KEYNOTE 3:</b> <i>Education Research and Policy Reform</i> Prof. John Orodho, Kenyatta University <b>Chair: Nicholas Wachira</b>
9:30am - 10:30am	<b>PARALLEL PAPER PRESENTATIONS</b>  <b>Room 1:</b> <b>Sub-theme:</b> Research that Improves Educational Practice <b>Chair: Francis Kamonyore Muthui</b>  <b>Paper 1</b> Exploring the Use of Drama in the English Language Classes <i>Florence Marundu</i>  <b>Paper 2</b> Use of Rubrics in Assessment to Support Learning <i>Dennis Ogolla</i>
9:30am - 10:30am	<b>Room 2:</b> <b>Sub-theme:</b> Policy that Drives Educational Reform <b>Chair: Esther Kirabo</b>  <b>Paper 1</b> Impact of SMS Language on Writing Skills of Secondary School Students <i>Bob Ondiek</i>  <b>Paper 2</b> Heritages and Futures: A Research-Based Study of Current Reforms and Prospects for Educational Reform in Kenya <i>Anil Khamis &amp; Evelyn Kemunto Oiruria</i>
9:30am - 10:30am	<b>Room 3:</b> <b>Sub-theme:</b> Leadership and Governance in an Era of Educational Change <b>Chair: Jane Kinuthia</b>  <b>Paper 1</b> Exploring the Political Nature of Teacher Unions in an Era of Educational Change <i>Fulgence Saronga</i>  <b>Paper 2</b> Stakeholders Involvement in Curriculum Revision and Development in Public Universities in Kenya <i>Wilson Mutuma Michubu</i>

9:30am - 10:30am

**Room 4:**

**Sub-theme:** Technology and Innovations Towards Educational Change

**Chair:** *Hellen Kiende*

**Paper 1**

Fostering Scientific and Technological Literacy through Science Process Skills in the Pre-school Teacher Preparation Curriculum

***Kathleen Musungu***

**Paper 2**

Investigating Integration of Information Communication Technology in Teaching and Learning of Physics: Case of Public Secondary Schools in Thika West District, Kiambu County, Kenya

***Lewis Mwalili***

10:30am - 11:00am

**Tea Break**

11:00am - 12:00pm

**PANEL DISCUSSION**

*Educational Reform in East African Countries*

***Dr. Alex Awiti*** - Graduate School of Media and Communications (AKU)

***Mrs. Mary Sichangi*** - CEMASTEPA, Kenya

***Dr. Johnson Ishengoma*** - University of Dar Es Salaam

***Dr Mercy G. Karogo*** - Kenya National Examination Council

***Mr. Mukwatampola Muzamil*** - Ministry of Education & Sports, Uganda

**Chair:** Dr. Nancy Booker

12:00pm - 1:00pm

**PARALLEL PAPER PRESENTATIONS**

*(25 minute per paper including Q/A session)*

**Room 1:**

**Sub-theme:** Research that Improves Educational Practice

**Chair:** *Shelina Walli*

**Paper 1**

Contextual Influences in Male and Female Terminal Exit from the Formal Education System Prior to Joining High School: Evidence from Meru County

***Peter Koome***

**Paper 2**

Training of Secondary School Chemistry Teachers on Practical Work in Public Universities in Tanzania

***Nyahinda Rukondo***

12:00pm - 1:00pm

**Room 2:**

**Sub-theme:** Research that Improves Educational Practice

**Chair:** *Fulgence Saronga*

**Paper 1**

The Role of Knowledge Management in Academic Writing Tasks of Undergraduate Students: The Case of Selected Kenyan Universities

*Jane Kinuthia*

**Paper 2**

Training of Secondary School Chemistry Teachers on Practical Work in Public Universities in Tanzania

*Nyahinda Rukando*

12:00pm - 1:00pm

**Room 3:**

**Sub-theme:** Leadership and Governance in an Era of Educational Change

**Chair:** *Benjamin Durbin*

**Paper 1**

Tacit Knowledge Sharing to Enhance Institutional Productivity in Institutions of Higher Learning

*Peter Muchanje*

**Paper 2**

Challenges Facing Students' Councils in Public Secondary Schools in Kenya

*Phoestine Simiyu*

12:00pm - 1:00pm

**Room 4:**

**Sub-theme:** Research that Improves Educational Practice

**Chair:** *Mary Oluga*

**Paper 1**

Curriculum Reforms in Kenya, Implication for Teachers Professional Development

*Ephantus Micheni Kaugi*

**Paper 2**

Utilization of Performance Appraisal Reports: Way Forward for Teacher Professional Development in Kenya

*Hellen Kiende*

**1:00pm - 2:00pm**

**Lunch**

2:00pm - 3:00pm

Post-Conference Reflections

Dr. Anil Khamis & Ms. Mary Oluga

*A Word from the Chair – Dr. Fredrick Mtenzi*

3.00pm - 3:30pm

**Conference Closure by**

Dr. Julius Jwan

Director/CEO, Kenya Institute of Curriculum Development (KICD)

**03:30pm**

**Tea Break and Networking**

## BIOGRAPHIES OF PLENARY SPEAKERS

### Dr. Nicholas Wachira- DAY 1



Dr. Wachira is the Head of Programmes at the AKU-IED, EA. He holds a PHD in Educational Leadership and Management. Apart from teaching, he has engaged in ELM research and in establishing Makerspace Innovative Learning Centres and development of Assessment guidelines and Makerspace tool kits. He has also been a consultant in World Bank funded programmes.

Wachira has also worked as a consultant for Firelight Foundation in the USA to build the monitoring and evaluation capacity of community based organizations. Wachira also serves on the board on TANFIDE consortium that serves to build educational capacity of institutions in Tanzania as well as engage in research. He is also part of a consortium of fifteen Universities in more than ten countries engaged in teacher leadership research “international study on teacher leadership.”

### Dr. Jane F. A. Rarieya- DAY 2



Dr. Jane F. A. Rarieya is currently an education consultant and a visiting Associate Professor at the Networks of Quality, Teaching & Learning, Aga Khan University. She was, until recently, the Assistant Director at the Network of Teaching & Learning, Aga Khan University and Senior Research Fellow and Head of the Durban Office at the Human Sciences Research Council (HSRC), South Africa. She holds a BEd in Arts (English Language and Literature) (Kenyatta University, Nairobi), an MEd in Teacher Education (AKU-IED, Karachi) and EdD in Gender and Educational Management from Keele University (UK). Jane’s expertise lies in the area of qualitative methodologies as well as gender and leadership issues in educational contexts. She also has a special interest in reflective practice. Jane has been engaged in a number of research studies both nationally and internationally. Notable of these are studies that aimed at developing national policy frameworks for student retention in Higher Education and gender equity in basic education as well as the development of a national strategic framework for the eradication of gender-based violence in South Africa. In addition, she has researched children’s resilience in contexts of poverty and HIV/AIDS prevalence in Kenya. She has sat as an advisor on a number of international studies. She also led capacity development workshops on gender for Speakers and Members of Parliament in South Africa and Zimbabwe. She is also a fellow of the Commonwealth Centre for Education at Cambridge University in the United Kingdom, a Research Associate at the HSRC and a member of the Board of Trustees, Children in Freedom Trust, UK and several schools in Kenya. Jane’s expertise lies in the area of educational improvement, leadership in education and gender issues in education. She has worked extensively in educational development in East and Southern Africa, South Asia as well as with educators from the North America, UK, UAE & Portugal, particularly in the area of teacher education and leadership. She sits on several editorial boards and her publication record spans the authoring and co-authoring of three books, more than 45 research reports and conference presentations, more than 30 journal articles and book chapters. She has been a guest editor to two journals. She is an avid reviewer of journals and books and of recent has been increasingly called upon by publishing houses and journals to review gender-related publications emanating from East Africa. Throughout her academic life (and she has never left education) she has been inspired by a commitment to transforming the world by empowering women and girls through education and ensuring school makes a positive difference in the lives of girls and boys. As part of her continuing educational commitments, she is now involved in research and consultancy on gender and leadership issues in school contexts as well as school improvement matters.

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