



**KAIMOSI FRIENDS UNIVERSITY (KAFU)
THE 2ND NATIONAL VIRTUAL CONFERENCE**

DRAFT PROGRAMME

THEME: *REDEFINING INNOVATIVE KNOWLEDGE AND SKILLS FOR RAPID DEVELOPMENT IN THE DIGITAL ERA*

13TH - 14TH MAY 2024

DAY 1: MONDAY 13TH MAY, 2024		
Time	Event/Activity	Responsible Person
08.00 – 08.45	Registration	ICT
08.45 - 09.00	Ground rules for online conferencing	ICT
09.00	Launch/Opening Ceremony	Session Chair – Prof. Benson Ojwang’ Director, Research, KAFU
09.05 – 09.10	Opening prayer	Chaplain - Dr. Peter Nyongesa
09.10 – 09.20	Welcome Remarks, Director RIO/Chairperson Conference Organising Committee	
09.20 – 09.30	Remarks by Head of Academic Division - Ag. DVC (A&SA) Prof. Julius Kipkemboi	
09.30 – 09.45	Opening Speech by the Ag. Vice Chancellor, KAFU, Prof. Peter Mwita	
09.45 – 09.55	Remarks by invited guest 1: CEO, National Research Fund, Prof. Dickson Andala	
09.55 – 10.05	Remarks by invited guest 2: The Director General, National Commission for Science & Technology Prof. Walter Oyawa	
10.05 – 10.35	Keynote paper 1 : Assessment of Climate Change Management Strategies in Kenya: Prof. Jones Agwata (Machakos University)	
10.35 – 10.45	Discussion/Q&A - Prof. Benson Ojwang’	
10.45 – 11.00	Vote of Thanks	Prof. Kelvin Omieno
11.00 - 11.20	Health Break and Group photo (for on-site participants)	Corporate Affairs

BREAKOUT/PARALLEL SESSIONS				
11.30 - 01.00	Parallel Session I			
	Room 1 Science and Technology 1 Chair: Dr. Victor Shikuku Rapporteur: tbc	Room 2 Economic Revitalization 1 Chair: Dr. Robert Opanyi Rapporteur:tbc	Room 3 Health 1 Chair: Dr. John Ayisi Rapporteur: tbc	Room 4 Education & Curriculum Chair: Dr. Aggrey Amugune Rapporteur: tbc
11.30 – 11.45	<p>Dr. Amos Otieno Wanjara – (Kaimosi Friends University)</p> <p>AB 02 : On a highly rotund norm and uniformly rotund norm in every direction on a Frech`et Space</p>	<p>Luvisi Moses, Maniagi Musiega & Muli Maingi – (MMUST)</p> <p>AB 12: Internal audit procedures and standards, firm size and financial</p>	<p>Otara, Marera and Kutte – (Rongo University)</p> <p>AB 51: Investigating the nexus between labour unions welfare activities and primary school teachers’ work environment in Rongo sub-county, Kenya</p>	<p>Dr. Wanjara and Joseph Ogembo (KAFU & Maseno University)</p> <p>AB 09: State of Preparedness of Kenya’s public universities towards delivery of Competency Based Curriculum</p>
11.45 -12.00	<p>Dr. Evans Mogoi, Amos Wanjara & Samuel Apima (KAFU)</p> <p>AB 63: Analysis of norm-attainability and convergence properties of orthogonal polynomials in weighted Sobolev spaces</p>	<p>Christine Gitonga (MMUST)</p> <p>AB 19: Moderating effect of organizational culture on the relationship between employer branding and talent engagement in selected private Technical and Vocational Education Training Institutions in Kenya</p>	<p>Peter Gutwa (Kisii University) & Gilbert Nyakundi (Turkana University)</p> <p>AB 56: Socio-cultural behavior dynamics and household food security in Western Kenya: A human capability approach</p>	<p>Dr. Nurwin Fozia (KAFU)</p> <p>AB 15: CBC education system transition from 8-4-4: challenges and opportunities in Vihiga County</p>

12.00 -12.15	<p>Emily Ng'eno, Roselyn Ongulu, Victor Shikuku, Deo Ssentongo, Benton Otieno, Patrick Ssebugere & Francis Orata (KAFU&MMUST)</p> <p>AB 48: Response surface methodology directed modelling of the bisorption of progesterone onto acid-activated <i>Moringa Oleifera</i> seed biomass: Parameters and mechanisms</p>	<p>Jastan Iminy, Prof. Charles Tibbs and Dr. Mary Nelima (MMUST)</p> <p>AB 20: Influence of resource acquisition on financial sustainability of selected public universities in Kenya: The moderating role of Corporate Governance Principle</p>	<p>Joel Oenga , Robert Tamukong, John Isiiko & Sibali Gidimali Gibu (Mbarara University)</p> <p>AB 59: Prevalence, classifications and factors associated with sexual dysfunction among adult cancer patients on chemotherapy at Uganda Cancer Institute, Mbarara</p>	<p>Dinah Were & Rose Ayiro (KAFU)</p> <p>AB 27: Perspectives, lived experiences, and needs of fathers in child caregiving in western Kenya.</p>
12.15 -12.30	<p>John Olives Chibayi (KAFU)</p> <p>AB 49: Modeling the risk factors of miscarriage using survival analysis techniques</p>			<p>Ochieng' Benedict (Teachers Service Commission)</p> <p>AB 28: Curriculum reforms and trauma management: Implementation as a remedial measure for better academic performance in Schools in Kisumu County, Kenya</p>
12.30 – 01.00	Discussion/Q&A	Discussion/Q&A	Discussion/Q&A	Discussion/Q&A
Time	Event/Activity	Responsible Person		
01.00-02.00	Lunch	All		

02.00-04.00	Parallel Session 2			
	Room 1 Artificial Intelligence Chair: Dr. Hillan Rono Rapporteur: tbc	Room 2 Information Communication Technology Chair: Dr. Ayub Shirandula Rapporteur: tbc	Room 3 Climate Change 1 Chair: Dr. John Aseta Rapporteur: tbc	Room 4 Global trends Chair: Dr. Metrine Sulungai Rapporteur: tbc
02.00 – 02.15	Francis Njau Migici (JKUAT) AB 40: Application of Machine Learning and Predictive Modeling in Supporting Data-Driven Decision Making	Evans Randa, Dr. Ferdinand Mbeche, & Prof. Ibrahim Khatete (University of Nairobi) AB 45 Integration of Information Communication and Technology in Teaching-Learning at Public Secondary schools in Kamukunji Sub county, Nairobi County, Kenya	Vincent Ooko Ochieng & Mercy Matuvi (South Eastern Kenya University) AB 16: Effect of financial management system on financing climate change initiatives in lower eastern counties of Kenya	Dr. Amos Wanjara & Joseph Ogembo (KAFU and Maseno University) AB 06: Impact of e-Government on Corruption in Kenya
02.15 -02.30	Enock Musau Gideon, Cornelius Kipkemei Kurere (Kisii University) AB 60: Transforming Urban Mobility by Leveraging Artificial Intelligence for Smart Transportation in Nairobi, Kenya	Jones Bor & Rael Kosgei (Moi University) AB 22: E-payment adoption, entrepreneurial orientation and procurement performance among medium sized enterprises: empirical evidence from Kenya	Dr. Amos Wanjara (KAFU) AB 11: Impact of climate change adaptation on food security in Ukambani Region, Kenya	Dr. Leonorah Cecilia Mugalla (Catholic University of Eastern Africa) AB 54: Digital communication for socio-economic development in Catholic University of Eastern Africa

02.30 – 02.45	<p>Benter Oseno Gudu, (Moi University)</p> <p>AB 62: Enhancing Planning for Instruction in English language using ChatGPT Artificial Intelligence in Higher Education in Kenya</p>	<p>Dr. Amos Wanjara and Joseph Ogembo (KAFU)</p> <p>AB 08: Integration of Information Communication Technology into Geography Instruction in Public Secondary Schools in Migori County, Kenya: Mythical or Reality?</p>	<p>Dr. Justus Diang’a, Kennedy Obiero & Dr. Mary Makokha (Kenyatta University)</p> <p>AB 36: Assessment of Water Supply and Demand in Walatsi Sub-Catchment, Busia County, Kenya</p>	<p>Dr. Solomon Aunga and Joyce Muyuku (KAFU & University of Eldoret)</p> <p>AB 17: Party symbolic colors in political discourse: a case of Kenyan election campaign strategies in 2022</p>
02.45 -03.00	<p>Joel Okutoyi & Maurine Kang’ahi, Lilian Wanzare & Mildred Ayere (Maseno University)</p> <p>AB 66: Bridging language barrier using Artificial Intelligence for Kenyan Sign Language among deaf learners in Kenya</p>	<p>Evans Randa, Dr. Ferdinand Mbeche, & Prof. Ibrahim Khatete, (University of Nairobi)</p> <p>AB 46: Integration of Information Communication and Technology in Examinations management at Public Secondary schools in Kamukunji Sub county, Nairobi County, Kenya</p>		<p>Joseph Ogembo and Dr. Amos Wanjara (Maseno University & KAFU)</p> <p>AB 10: Globalization in higher education in Kenya: Access and quality Nexus</p>

03.00 – 03.30	William Wamalwa – (MMUST) AB 68: Artificial intelligence in key sectors for national development	Lukaya, Neville (Rongo university) AB 50: Digitalization of government services as an influence of the employment environment: The case of Kisumu County, Kenya		
	Discussion/Q&A	Discussion/Q&A	Discussion/Q&A	Discussion/Q&A
DAY 2 – TUESDAY 14th MAY, 2024				
08.00 – 08.45	Registration		ICT	
08.45-10.00	Recap/Remarks by Director – RIO			
	Remarks by Ag. DVC (A&SA), KAFU			
	Keynote paper 2 - Terrorism threat notes as illegal Speech Acts; A corpus based approach- Prof. Daniel Ochieng' Orwenjo (Technical University of Kenya)			
	Discussion/Q&A			
10.00-10.30	Health Break and Group photo			
10.30-01.00	BREAKOUT/PARALLEL SESSIONS			
	Parallel Session 3			
	Room 1 Science & Technology 2 Chair: Dr. Samuel Apima Rapporteur: tbc	Room 2 Health 2 Chair: Dr. John Ayisi Rapporteur: tbc	Room 3 Climate 2 Chair: Dr. John Aseta Rapporteur: tbc	Room 4 Cross-cutting (Language & Communication 1) Chair: Dr. Nixon Sangili Rapporteur: tbc

10.30 -10.45	<p>Dr. Amos Otieno Wanjara – (KAFU)</p> <p>AB 03: On conditions for which a frech'tet space not containing C_0 admits the gelfand-phillips property</p>	<p>Benjamin Wamalwa (MMUST)</p> <p>AB 01: Utilization of simulation models in clinical teaching in the department of clinical medicine at Kakamega Training Colleges, Kakamega County, Kenya</p>	<p>Faith Munyoki, Dr. Mary Makokha & Dr. Kennedy Obiero (Kenyatta University)</p> <p>AB 38: Land Use and Land Cover Changes, Drivers and Relationship to Climate Change in Mbagathi River Catchment.</p>	<p>Paul Wanyonyi Khaemba Maseno University</p> <p>AB 05: Analysis of plot in African Rituals narrative element: A study of Sikhebo among the Bukusu community in Kenya</p>
10.45 -11.00	<p>Wasikoyo, Erastus Masika, and Ogindo, Harun Okello (Maseno University)</p> <p>AB 67: Effect of Intercropping Maize with Selected Agroforestry Species on Soil Water Dynamics in Western Kenya</p>	<p>Maurice Erambo, Dr Eglay Tuvulla Tsuma & Prof. Willis Ingabo Otuya (MMUST)</p> <p>AB 18: Effect of Succession Planning on Service Delivery in Public Health Institutions in Western Kenya Region: The Moderating Role of Leadership Style</p>	<p>Dr. Mary Makokha & Dr. Jackson Musau (Kenyatta University)</p> <p>AB 39: Building Gender Resilience to Climate Change Adaptation in Kenyan Drylands Makueni County</p>	<p>Jane Bwonya (Maseno University)</p> <p>AB 35: Redefining the teaching of literature at university level in Kenya in the digital era</p>
11.00 – 11.45	<p>Joseph Owuor (JOOUST)</p> <p>AB 14: On approximating hyperplane series property in norm-attainable classes()</p>	<p>Damaris Moraa (KAFU)</p> <p>AB 23: Neonatal pain management practices among nurses</p>	<p>Prof. Julius Kipkemboi et. al (KAFU & Egerton University)</p> <p>AB 55: A pilot study on innovative real-time wireless sensor water quality monitoring in Lake Nakuru</p>	<p>Dr. Solomon Luvonga (Kibabii University)</p> <p>AB 37: Effect of Lukabarasi morphology on the quality of written Kiswahili among secondary school students in Kakamega north sub county</p>

11.45-12.00		<p>Damaris Moraa (KAFU)</p> <p>AB 24 Nursing informatics in improving quality of patient care and associated patient outcomes</p>		<p>Deborah Nyanchama Oyioka – (JOOUST)</p> <p>AB 52 Morphosyntactic structure and functions of hashtags: A case of TikTok</p>
12.00 – 12.30	Discussion/Q&A	Discussion/Q&A	Discussion/Q&A	Discussion/Q&A
Time	Event/Activity		Responsible Person	
12.30-02.00	Lunch		All	
	Parallel Session 4			
	<p>Room 1 Health 3</p> <p>Chair: Dr. Loice Mureithi Rapporteur: tbc</p>	<p>Room 2 Cross-cutting: (Language & Communication 2)</p> <p>Chair: Dr. Solomon Aunga Rapporteur: tbc</p>	<p>Room 3 Economic Revitalization 2</p> <p>Chair: Dr. Margaret Atieno Rapporteur: tbc</p>	<p>Room 4 Economic Revitalization 3</p> <p>Chair: Dr. Robert Opanyi Rapporteur: tbc</p>

02.00 – 02.15	<p>Dr. Constance I. Amusala (KAFU)</p> <p>AB 26: Cultural diversity and its effects on mental health, mental illness and patterns of health care utilization among ethnic and minority groups</p>	<p>Judith Atemba Akoyo (Maseno University)</p> <p>AB 53: The literary stylistic representation of theme in Abanyole oral marriage poetry in Emuhaya sub-county, Vihiga county, Kenya</p>	<p>Musungu Daniel & Dr. Ben Oseno (MMUST)</p> <p>AB 25: School accounts management and financial accountability of public secondary schools in Khwisero Sub-County, Kenya</p>	<p>Patrick Malongo Lidovolo, Margaret Atieno Omondi – (KAFU)</p> <p>AB 43: Effects of risk assessment on financial accountability as evidenced in national government constituencies development fund in Kenya</p>
02.15 -02.30	<p>Joseph M. Ndovoyo (KAFU)</p> <p>AB 32: Nurses and occupational violence: a systematic review</p>	<p>Margaret K. Thang'wa – (KAFU)</p> <p>AB 58: A comparative study of the French-Swahili translation of Camara Laye's novel "<i>L'Enfant noir</i>" to its Kiswahili version "<i>Mtoto Mwafrika</i>"</p>	<p>Edwine Benson Atitwa (Embu University)</p> <p>AB 29: modeling and optimizing culture conditions of milk kefir grains for nutrition and health using response surface methodology</p>	<p>Dr. Faraji Anduku Yatundu- (South Eastern Kenya University)</p> <p>AB 57: Green consumer behaviour and sustainable marketing: empirical evidence from related studies</p>
02.30 – 02.45	<p>Mabonga Cyprian, Kavoo Linge Amugutsi Lilian, Moraa Damaris, (KAFU)</p> <p>AB 34: Insulin resistance, lipid profiles, body mass index and vitamin d in polycystic ovary syndrome in black African women who are candidates for in vitro fertilization at a tertiary hospital in western Kenya</p>	<p>Eunice Nthenya Musyoka & Dr Peter Karanja (Kenya Highland Univ. & - GRE TSA)</p> <p>AB 65: A Study On Non-Equivalence challenges at the Grammatical Categories in the Kikamba Bible translation</p>	<p>Dr. Koech Alex (Umma University)</p> <p>AB 33: The moderating effect of technological innovation on the relationship between mobile banking accessibility and financial performance of SMEs in Kajiado County, Kenya.</p>	<p>Ojili Justus (MMUST)</p> <p>AB 61: Top management support to internal audit and financial accountability of county governments in western Kenya</p>

02.45 -03.00	<p>Dr. Anne Asiko Okanga (Kaimosi Friends University)</p> <p>AB 47: Influence of peer mentor-mentee relationship on nursing students' social adjustment in selected universities in Kenya</p>	<p>Beatrice Asanya Muhatia and Vitalis Mulamula- (KAFU)</p> <p>AB 69 : A comparative study of reading efficacy among grade eight learners of public and private comprehensive schools in Kakamega East Sub-County</p>	<p>Joseph Ogembo (Maseno University)</p> <p>AB 07: Implementation of Affordable Housing programs in Kenya: Controversies and way forward</p>	
03.00 – 03.15	<p>Peter Aloka & Nzukiso Mnyamana (University of the Witwatersrand)</p> <p>AB 70: Emotional breakdown as a predictor of drug abuse among learners in selected secondary schools in Soweto, South Africa</p>			
	Discussion/Q&A	Discussion/Q&A	Discussion/Q&A	Discussion/Q&A
Time	Event/Activity		Responsible Person	
03.30-03.50	Closing Remarks		Rep. of Ag. VC	
3.50-4.00	Vote of Thanks/closing prayer and departure		Ms. Linda Mang'eni	