


 Kabarak University is ISO 9001:2015 certified.

KABARAK UNIVERSITY
 Education in Biblical Perspective

SCHOOL OF SCIENCE, ENGINEERING AND TECHNOLOGY

IN CONJUNCTION WITH

AISEA | 

THE ASSOCIATION FOR INFORMATION SYSTEMS EASTERN AFRICA (AISEA)

KABARAK UNIVERSITY INTERNATIONAL RESEARCH CONFERENCE ON COMPUTING AND INFORMATION SYSTEMS

In partnership with



Meeting Details - <https://kabarak-ac-ke.zoom.us/j/83592572111?pwd=bVlZSEJvQlQxd0dyaDNRdTY3ODQyUT09>

Meeting ID: 835 9257 2111
 Passcode: 439937

Conference Program

Day 1 - 5th October 2020		
Time	Presentation	Presenter/s
9:00 am - 9:10 am	Devotional Meditation and Opening Prayer	Ms Laura Cheptegei
9:10 am - 9:15 am	Housekeeping	Dr Moses M Thiga Conference Chair
9:15 am - 9:45 am	A Model for Predicting Short Term Mobile Loan Approval	Mr Andrew Kipkebut Mr Simon Ruoro <i>Kabarak University</i>
9:45 am - 10:15 am	Review of Similarity Measures in Machine Translation	Mr Simon Ruoro Mr Andrew Kipkebut <i>Kabarak University</i>
10:15 am - 10:45 am	A Reinforcement Learning Approach to Service Based User Admission in A Multi-Tier 5g Wireless Networks	Mr Mourice Ojijo Mr Dismas Ombuya Mr Wyclife Ayako Mr Andrew Kipkebut Mr Cleophas Mochoge <i>Kabarak University</i>
10:45 am - 11:00 am	Health Break	

Day 1 - 5th October 2020		
Time	Presentation	Presenter/s
<i>Conference Plenary</i>		
11:00 am – 11:15 am	Opening Remarks	Dr Nelson Masese Head of Department Computer Science and Information Technology Dr Peter Rugiri Dean, School of Science, Engineering and Technology
11:15 am - 12:00 noon	Introduction to the Association for Information Systems Eastern Africa	Dr John Oredo <i>President, Association for Information Systems Eastern Africa</i>
12:00 noon - 1:00 pm	Managing Academia - Industry Collaborative Research and Innovation Projects	Mr Clement Kitetu <i>Principal Consultant, Institute of Applied Project Management.</i>
<i>1:00 pm - 2:00 pm</i>	<i>Lunch Break</i>	
IT in Health Track Session Chair:		
	Health	
2:00 pm - 2:30 pm	Building a Data Pipeline for a Real World Machine Learning Application	Dr Moses Thiga Dr Pamela Kimeto Ms Daisy Kiptoo <i>Kabarak University</i>
2:30 pm - 3:00 pm	Challenges of Health Information Exchange in Maternal Healthcare In Kenya	Mr Antony G. Musabi Dr Moses Thiga Prof Simon Karume <i>Kabarak University</i>
3:00 pm - 3:30 pm	Digital Technologies as a Driver in the Provision of Universal Health Coverage	Ms Dorothy Bundi Dr Amos Chege Kirongo Dr Moses Thiga <i>Kabarak University</i>

Day 2 - 6th October 2020		
Time	Presentation	Presenter/s
9:00 am - 9:10 am	Devotional Meditation and Opening Prayer	Mr Joseph Orori
9:10 am - 9:15 am	Housekeeping	Dr Moses M Thiga Conference Chair
SIMElab Africa Session		
9:15 am - 9:45 am	About SIMElab Africa	Prof Patrick Kanyi Wamuyu <i>USIU Africa</i>
9:45 am - 10:15 am	Sentiment Analysis of Kenyans on Twitter: A Case of #Covid19millionaires	Mr Austin Owuor Mr Elvis Jonyo <i>USIU Africa</i>
10:15 am - 10:45 am	Customer Profiling from Social Media Engagement using Latent Dirichlet Allocation (LDA) and sentiment Analysis Approach	Prof Patrick Kanyi Wamuyu <i>USIU Africa</i>
10:45 am - 11:00 am	Health Break	
11:00 am - 11:30 am	E-Portfolio as a Tool for Promoting Competence-Based E-Learning in Universities: A Contextualized Perspective	Dr Joyce Wangui Gikandi <i>Mount Kenya University</i> Dr Alice Macharia-Njuguna <i>KCA Univeristy</i>
11:30 am - 12:00 noon	Effect of Technological Capability, Innovativeness and Performance of Commercial Banks in Kenya	Mr Cleophas Mochoge Melchizedeck Nyakoni <i>Kabarak University</i>
12:00 noon - 12:30 pm	The Moderating Effect of Information Systems Capabilities on the Relationship between Information Systems Resources and Performance of Firms in the Telecommunications Industry in Kenya	Dr Alfred Bett <i>University of Kabianga</i>
12:30 pm - 1:00 pm	Lunch Break	
1:00 pm - 1:30 pm	Towards a Secure RFID Micro-Controller Based Media Integration Auto- Stream Framework for Car Packing	Dr Nelson Masese Prof Simon Karume <i>Kabarak University</i>
1:30 pm - 2:00 pm	A Review of Threats, Attacks and Security Counter Measures in Fog Computing	Mr Raphael Kaibiru Ms Mercy Wairimu <i>Machakos University</i>
2:00 pm - 2:30 pm	Comparing Logistic Regression and Decision Tree Classifications Performance in the Context of Personal Cloud Storage Post-Adoption Behavior	Dr John Oredo <i>University of Nairobi</i>
2:30 pm - 3:00 pm	Closing Ceremony	