

INTERNATIONAL CONFERENCE ON TECHNOLOGY AND MANAGEMENT (ICTM 2026)

21–22 September 2026 | UTAMU Kungu Campus, Wakiso District, Uganda | Hybrid

THEME:

RESPONSIBLE ARTIFICIAL INTELLIGENCE FOR SUSTAINABLE DIGITAL TRANSFORMATION

ROOM A: Track 5 & 6: AI in Management and Administration/ AI in Business Auditing and Accounting

ROOM B: Track 2: AI in Education, Research and Smart Learning

ROOM C: Track 4: AI for sustainable development, health and smart societies

ROOM D: Track 1& 3: Responsible, Ethical, and Trustworthy AI/ AI, Law, Governance, Privacy, and Digital Rights

VENUE

KUNGU CAMPUS

SPONSORED BY:



INTERNATIONAL CONFERENCE ON TECHNOLOGY AND MANAGEMENT (ICTM 2026)

21st – 22nd September 2026

THEME: RESPONSIBLE ARTIFICIAL INTELLIGENCE FOR SUSTAINABLE DIGITAL TRANSFORMATION

VENUE: UTAMU KUNGU CAMPUS

MODE: PHYSICAL & ONLINE

ZOOMLINK: <https://utamu-ac-ug.zoom.us/j/95057911617?pwd=RtFWAjGreKqbEOzHzch1xQGnl7gb6L.1>

YOUTUBE LINK: <https://www.youtube.com/@utamuoofficial8103>

Conference Contacts and Secretariat

Mr. Hussein Kiganda (Mobile: 0780802078, 0756392710)

and Mr. Calvin Luzze (Mobile: 0749990028)

Director of Ceremonies:

Dr. Okwadi Joseph Michael Tukei

Conference Streaming and Online Presentations:

Mr. Shieldson Mwebaze, Mr. Deogratius Kato, Mr. Allan Mwesigwa, Mr. Geoffrey Pao (ICT Department)

Moderators:

Room A (Dr. Tomasi Mutya) Room B (Dr. Christopher Mutesaasira)

Room C (Ass. Prof. Kassim Kalinaki) Room D (Counsel Abel Obua / Dr. Steven

Revelian) **TIME:**

- **UGANDAN TIME IS INDICATED**
- **UGANDA IS +3 HOURS GMT**
- **LEAVE 5 MINUTES FOR QUESTIONS AT THE END OF YOUR PRESENTATION: POWERPOINT IS PREFERABLE**

DAY 1: 21ST SEPTEMBER 2026

TIME	SESSION/TITLE	SPEAKER/PRESENTER	PERSON RESPONSIBLE
08:30 – 09:00	Arrival And Registration		Mr. Kiganda Hussein
09:00– 09:05	Prayer		Ms. Mary Komunte
09:05– 09:15	Overview Of ICTM And Conference Objectives	Dr. Tabitha Naisiko	Dr. Wilfred Kokas Aupal
09:15 – 09:25	Remarks by the Guild President	Guild President	Mr. Trust Bamwine
09:25- 09:40	Welcoming Remarks	UTAMU VC – Prof. Okoche John Michael Maxel	Mr. Calvin Luzze
09:40 – 10:00	Official Opening	UTAMU Council Chairperson – Mr. Narcis Tumushabe Rwangoga	
10:00- 10:30	TEA BREAK	ALL MCs	
10:30 – 11:00	Keynote Address	Dr. Julius Peter Kinyera	UTAMU Council Chairperson – Mr. Narcis Tumushabe Rwangoga
11:00 –	Research At UTAMU	a) Prof. Jjunju Fred Paul Mark	UTAMU Guild

12:00	a) AI Powered Smart Sensor for Direct Analysis of Aflatoxins in the open-air environment b) UTAMU students’ projects		b) Ofwoono Godwin & Team	President	
12:00 – 12:30	Exhibition by collaborator; -Lwera Electronics and Semiconductors			Mr. Mukama Alex	
12.30 – 12.50	Tour (Physical & Digital)		Senior Marketing and Public Relations Officer	Mr. Moses Atusasiire	
13:00 – 14:00	LUNCH BREAK				
14:00 – 14:30	Keynote Speech (Plenary) CBE and Higher Education	Dr. Godfrey Omoda-Onyait - National Council for Higher Education, Uganda.		Academic Registrar, UTAMU	
BREAKAWAY SESSIONS					
14:30 – 14:50	Room A - Track 5 & 6: AI in Management and Administration/ AI in Business Auditing and Accounting Moderator: Dr. Tomasi Mutya	Room B - Track 2: AI, AI in Education, Research, and Smart Learning Chairperson: Dean School of Technology, Computing & Engineering. Moderator: Dr.	Room C - Track 4: AI for Sustainable Development, Health, and Smart Societies. Moderator: Assoc. Prof. Kassim Kalinaki	Room D - Track 1& 3: Responsible, Ethical, and Trustworthy AI/ AI, Law, Governance, Privacy, and Digital Rights Moderator: Counsel	Mr. Kiganda Hussein & ICT

		Christopher Mutesaasira		Abel Obua	
14:50 – 15:10	Grace Ahabwe and Dr. Wilfred Kokas Aupal Reporting standards and performance of Microfinance Institutions: Muhame Financial Services Limited, Uganda. An Empirical Study	Prof. Muwanga_Zake, JWF - Contextualising AI Within Bridging African Indigenous Knowledge Systems	Ocen Richard & Ampeire Desire - Artificial Intelligence Use in Clinical Decision-Making Among Medical Interns in Uganda: Trust Implications for Clinical Reasoning	Mukama Alex - Lawyers’ Awareness, Understanding, and Application of Digital Evidence in Uganda: Implications for Cybercrime Investigation and Justice Delivery	
15:10 – 15:30	Mathias Ndungu - Eliminating Fraud and Friction in Sub-Saharan Urban Housing: A Hybrid Human–AI Framework for Trustworthy Digital Property Marketplaces	Pamba Shatson Fasco - Beyond Demographic Parity In Rethinking Fairness Metrics for High-Stakes AI Decision Systems	Yahaya Mohammed Sani - Boosting Ensemble Deep Learning with Hybrid Two-Step Feature Scaling For COVID-19 Time-Series Prediction	Demai Akena Tonny - Epistemology and Ethics of Artificial Intelligence: A Philosophical Navigation of Human Learning and Human-Machine Interaction	
15:30 – 15:50	TEA BREAK				
	BREAKAWAY SESSIONS				
15:50 – 16:10	Kisubi Esther Christine - Digital Democracy and Environmental Protection	Raymond Atuhe & Assoc. Prof. Kalinaki Kassim - Integrating	Simaya Ladu James & Dr. Okwadi Joseph Michael Tukei. -	Akena Tonny Epistemology And	

	in Uganda: The Role of ICT in Enhancing Public Participation in Environmental Governance	Machine Learning into Agricultural Information Systems for Early Detection of Maize Common Rust: A Design Science Approach	Influence of Career Development and Health Workers Performances: Case of Yei River County Health Facilities –South Sudan	Ethics Of Artificial Intelligence: A Philosophical Navigation Of Human Learning And Human-Machine Interaction	
16:10 – 16:30	Okitoi Samuel Oumo - A Polycentric Autonomy-Audit System (PAAS) for Participatory Meritocracy and Anti-Fragile Governance in Fluid Collectives	Masitula Namukwaya - Responsible Adoption of Generative Artificial Intelligence in Ugandan Higher Education Institutions: Opportunities, Challenges and Sustainable Pathways	Paul Ssemaluulu Mukasa, Michael Tamale, Aliho Gilbert Edyeru Andrew - An Explainable Deep Learning-Based Clinical Decision Support System for Diabetic Retinopathy Screening	Hanning Babyetsiza - Responsible Artificial Intelligence and the Protection of Digital Rights in Africa: Legal and Regulatory Challenges	
16:30 – 16:50	Nambalirwa Jane - Responsible AI for Sustainable Upstream Operations: A Framework for Uganda's Emerging Oil and Gas Sector	Prof. Okoche John Michael Maxel - Emerging Trends on Deployment of Predictive AI on Crowdsourcing Platforms: A Bibliometric Analysis and Future Research Agenda	Walubengo Wilberforce Wasike - How Ai-Driven Tools Can Be Applied to Address Pressing Environmental Challenges in Africa	Mutya Tomasi - AI and Academic Integrity: Implications for Research in Uganda	
16:50 –	CLOSING REMARKS				Dr. Wilfred Kokas

17:00		Aupal
17:00 - 17:05	Photo Session for First Day	

DAY 2: 22ND SEPTEMBER 2026

TIME	SESSION/ TITLE			SPEAKER	PERSON RESPONSIBLE
08:30 – 09:00	Arrival and Registration			Mr. Kiganda Hussein	
09:00 – 09-15	Opening remarks by UTAMU VC			Prof. Okoche John Michael Maxel	
BREAKAWAY SESSIONS					
	Room A – Track 1& 3: Responsible, Ethical, and Trustworthy AI/ AI, Law, Governance, Privacy, and Digital Rights	Room B: Track 2: AI, AI in Education, Research, and Smart Learning	Room C - Track 4: AI for Sustainable Development, Health, and Smart Societies.	Room D – Track 5 & 6: AI in Management and Administration/ AI in Business Auditing and Accounting	
09:15 – 09:35	Bagabirwa Jackson, Dr. Wilfred Kokas Aupal & Hood Kagoda - Institutional Readiness for AI-Enabled Monitoring and Evaluation Systems: Evidence from Mayuge District.	Aboot Faith Irene - Predictive Maintenance in Computer Systems Using Machine Learning and Elastic Stack		Okoche John Michael Maxel - Contexts and Dynamics for Deployment of Generative AI on Crowd-sourcing Platforms: A Bibliometric analysis and Future Research Agenda	

09:35: 09:55	Yiga Yasin - The Role of Artificial Intelligence in Transforming Administration and Management: Opportunities, Challenges, and Future Prospects	Matondo Marayihla - Developing A Governance Framework for Generative Artificial Intelligence and Inclusive Development In Namibia Higher Education Institutions.		Dr. Julius Peter Kinyera - From AI Adoption to Institutional Readiness: A Requisite Variety Perspective on Governing Alignment for Responsible Digital Transformation	
09:55: 10:15	Dr. Wilfred Kokas. Aupal & Anna Elsie Luyiggo - Does Coaching by Team Leaders in Uganda Local Governments yield to Quality Service Delivery? An Empirical Study	Okello Geoffrey, Tumusiime Moses, Sekitoleko David & Wakape Ismail - The role of AI-Enhanced teaching methods in improving the quality of education in Uganda's higher learning Institutions		Ssemuju Stuart – Responsible AI for Low-Resource Smart Societies: A framework for Sustainable Peri-Urban Transformation in Developing Countries	
10:15 - 10:35	TEA BREAK				
10:35 – 10:55	Room A – Track 1& 3: Responsible, Ethical, and Trustworthy AI/ AI, Law, Governance, Privacy, and Digital	Room B: Track 2: AI, AI in Education, Research, and Smart Learning	Room C - Track 4: AI for Sustainable Development, Health, and Smart Societies.	Room D – Track 5 & 6: AI in Management and Administration/ AI in Business Auditing and	

	Rights			Accounting	
10:55 – 11:15	Grace Ahabwe & Dr. Wilfred Kokas Aupal - Monitoring Tools and Techniques on the Performance. An Empirical Study of Microfinance Institutions (MFs) in Uganda	Ngetich Kipkoech Emmanuel - Effectiveness of Two-Factor Authentication Models in Enhancing Cybersecurity in Higher Education institutions: A Case Study of Kenya Highlands University, Kenya		Kitaka Emmanuel - Responsible AI for Sustainable Digital Transformation: Integrating Predictive Data Logic into Institutional Records: A Framework for Sustainable Governance	
11:15 – 11:35	Grace Ndugu & Dr. Wilfred Kokas Aupal - Reporting standards and performance of Microfinance Institutions in Muhame Financial Services Limited, Uganda. An Empirical Study	Ms. Masitula Namukwaya - Responsible Adoption of Generative Artificial Intelligence in Ugandan Higher Education Institutions: Opportunities, Challenges and Sustainable Pathways		Natukunda Robin - Exploring AI Adaptation in Institutions of Higher Education: The Ethics of Research, Innovation and Partnership	
11:35 – 11:55	Asiimwe Ronald - Governance-Integrated Responsible Generative AI			Zaharah Nakawungu & Prof. Prof. Jjunju Fred Paul Mark - Design and Implementation of a Responsible Weighted Ensemble Voting Classifier for Distributed	

				Denial-of-Service (DDoS) Attack Detection in Network Systems	
11:55 – 12:15	Mugaiga Kenneth - The Integration of Artificial Intelligence (AI) and Machine Learning (ML) Into Strategic Business Decision-Making and Management Accounting				
12:15 – 12:45	Proposal For A Uganda Association For AI			Prof. Jjunju Fred Paul Mark / Prof. Muwanga- Zake	Prof. Makoba, Johnson Wagona
12:45 – 12:55	Closing Remarks	UTAMU VC			Prof. Okoche John Michael Maxel
12:55 – 13:00	Photo Session				

SPONSORED BY:

