

# Muhimbili University of Health and Allied Sciences



## THE FIRST MUHAS DIGITAL HEALTH AND INNOVATION SYMPOSIUM

**Date: 18th November 2021**

**Venue:** Main Conference Hall, Ground Floor, CHPE Building MUHAS Main campus,  
Upanga, Dar es Salaam,

**Theme:** Adoption of Appropriate Digital Technologies to Address Health System  
Challenges in Tanzania

**Guest of Honour:** Prof. Apollinary Kamuhabwa, Deputy Vice Chancellor, Academic  
Research and Consultancy, MUHAS.

Supported by



## Introduction

Digital health is rapidly transforming health systems and provision of health care services. Tanzania, like many other countries has developed and is implementing its Digital Health Strategy 2019-2024 which among other initiatives promotes research, innovation and development in digital health technologies to improve delivery of health services for better population health.

In efforts to foster digital health research and innovations in Tanzania, MUHAS through the Directorate of ICT and MUHAS Digital Health and Innovation Research Group (mDHIRG) is organizing a one-day Digital health and innovations (DHI) symposium titled “***Adoption of Appropriate Digital Technologies to Address Health System Challenges in Tanzania***”.

The symposium is also part of digital health and innovation experience sharing sessions in support for developing a plan for establishing a Digital Health and Innovation Hub at MUHAS. The development of plans for establishing a MUHAS Digital Health and Innovation Hub is funded by Sida through the ICT/Library sub-programme.

We are inviting you to attend the symposium to exchange your experience and expertise on digital health and innovation initiatives.

This **hybrid event** will be held at the Main Conference Hall, CHPE Building at MUHAS in Dar es Salaam on **18th November 2021 from 8:30am**.

You can virtually attend the sessions through Zoom via

<https://us02web.zoom.us/j/86302238119?pwd=YzdPOUJGWStuWIB2NEg1Ull3anBkZz09>

**Meeting ID: 863 0223 8119, Passcode: 092803**

Please fill in the [registration form](#) below to attend an event. There are **limited** in-person (physical) slots. Physical attendance will be on a first-come-first-served basis.

**Registration link:** <https://forms.gle/PW2FVRFrhYi8nPvL6>

## THE FIRST MUHAS DHI SYMPOSIUM PROGRAMME

Date: 18th November 2021

Venue: Main Conference Hall, CHPE Building, MUHAS

TIME (EAT)	Session Chairpersons: Prof. Daudi Simba, Dr. Felix Sukums
<b>08:20-09:00</b>	<b>Arrival and Registration</b>
	<b>Opening session</b>
0900-0915	<b>Introduction</b> Dr. Felix Sukums, Chairperson, Organising Committee
0915-0920	<b>Welcome remarks</b> Dr. Rodrick Kisenge, Director of ICT, MUHAS
0920-940	<b>Opening Speech by Guest of Honour</b> Prof. Apollinary Kamuhabwa, Deputy Vice Chancellor, Academic, Research and Consultancy, MUHAS
0940-0950	<b>Vote of Thanks</b> Prof. Said Aboud, Deputy Vice Chancellor, Planning, Finance and Administration, MUHAS
0950-1010	<b>Keynote Speech: Prof. Sarah W. Anderson, Sweden</b> Evidence-based Digital Health Technologies to tackle NCDs in Africa
<b>1010-1025</b>	<b>Group Photo / Coffee break / Short break</b>
	<b>Morning Session: Policy and Governance</b>
1025-1040	<b>Presentation 1: Silvanus Ilomo, MoHCDGEC</b> Tanzania Health Strategy: Priorities, progress and challenges
1040-1055	<b>Presentation 2: Dr. Henry Mwanyika, PATH</b> Development of Health Enterprise Architecture: Benefits and Challenges
1055-1110	<b>Presentation 3: Benjamin Dotto, eGA</b> Role of the eGovernment Authority in promoting innovations in the digital age
1110-1225	<b>Presentation 4: Emmanuel Johannes, Chairperson, African Federation of the Institute of Internal Auditors</b>

	Digital Transformation for Healthcare: Auditing & Risks
1225-1240	<b>Presentation 5: Erick Kitali, PORALG</b> Primary health care digital transformation in Tanzania
1240-1300	Q &A, Discussion
<b>1300-1340</b>	<b>Lunch, Networking</b>
	<b>Afternoon Session: Implementation and Innovations</b>
1340-1355	<b>Presentation 6: Prof. Heiko Hornung, Dtree International, Zanzibar</b> Improving client-centred community health services through digital technologies: Experience from Zanzibar
1355-1410	<b>Presentation 7: Eng. Dan Schuster, BETA Int, USA</b> Capacity building in biomedical engineering in LMICs: Past, Present and Future
1410-1425	<b>Presentation 8: David Karunda, UK</b> The roles of universities in promoting innovations in the digital age
1425-1440	<b>Presentation 9: Dr. Matt Richardson, Sweden</b> Digital microlearning as a tool for training and competency development for personnel in elderly care to increase safety, effectiveness and quality in professional practice
1440-1455	<b>Presentation 10: Dr. Felix Sukums, MUHAS</b> Applications of AI in Public Health in Tanzania: Prospects, Challenges and Opportunities
1455-1505	<b>Presentation 11: Shabani Busega, MUHAS</b> Application of artificial intelligence in cancer diagnosis in Tanzania
1505-1520	<b>Presentation 12: Dr. Deogratias Mzurikwao, MUHAS</b> How can AI impact the healthcare system in resource-limited countries like Tanzania? What are the future directions?
1520-1540	Q &A, Discussion
1540- 1545	<b>Closing Remarks</b> Director of ICT, Ministry of Health, Community Development, Gender, Elderly and Children (MoHCDEC)
	<b>Group Photo / End of Symposium</b>