

**EAST AFRICAN COMMUNITY  
EAST AFRICAN HEALTH RESEARCH COMMISSION**

**7<sup>th</sup> East African Health and Scientific Conference**

**Theme:** “Technology for health systems transformation and attainment of the UN-Sustainable Development Goals”

**27th – 29th March 2019  
Dar es Salaam, Tanzania**

Surname of Corresponding Author ★		Other Names of Corresponding Author ★	
Surname & Initials of Co-Author(s)		Country ★	
Author’s Institution Affiliation ★			
Author’s Institution Affiliation	Public		
	Private		
Email Address of Corresponding Author ★			
Optional Email Address of Correspondent			
Mobile number			
Designation (please highlight) ★	<ol style="list-style-type: none"> <li>1. Student</li> <li>2. Associate Professor</li> <li>3. Professor</li> <li>4. Researcher</li> <li>5. Others (mention) .....</li> </ol>		
Qualification ( please highlight ) ★	<ol style="list-style-type: none"> <li>1. Post Doc</li> <li>2. PhD</li> <li>3. MSc/MD</li> <li>4. BSc</li> <li>5. Others (mention) .....</li> </ol>		
Type of presentation ( please highlight ) ★	<ol style="list-style-type: none"> <li>1. Oral</li> <li>2. Poster</li> </ol>		
Sub-theme (select below) ★	<ol style="list-style-type: none"> <li>1.</li> <li>2.</li> </ol>		

	3.
	4.
	5.
Cluster (select within the selected sub-theme above) ★	a.
	b.
	c.
	d.
	e.
Please note	(i) Please adhere to instructions for authors as listed at the end of this document
	(ii) Maximum number of words - 300
Title: ★	
<b>Background /Introduction</b> ★ <b>Objective</b> <b>Materials &amp; Methods</b> <b>Results</b> <b>Discussion</b> <b>Conclusion &amp; Recommendation</b>	

**NB: The fields marked with a red star MUST be filled**

## Sub-Themes and Clusters

### SUB-THEME 1: Technologies supporting data for health system decision-making

**Pre-amble:** the presentations and papers will focus on how technologies are strengthening public health governance, leadership, policy-making, performance of health programmes, etc. They will provide insight on the status of various electronic platforms (DHIS2, HIMS, LIMS, etc.) that have been employed by ministries, and allied organs and institutions responsible for health.

#### Clusters

- a) m-Health and related technologies for data collection & decision making
- b) Mathematical modelling, data integration and big-data analytics
- c) Decision support systems and platforms (DHIS2, HIMS, LIMS)
- d) Ethics and governance of technologies for management of health data
- e) Data management, quality assurance and utilization

### SUB-THEME 2: Technologies for Disease Surveillance, Disease Outbreak Detection and Response, and Cross border mobility and disease tracking

**Pre-amble:** papers and presentations will focus on innovative technologies that strengthen health information system, community health, and capacity to control diseases (e.g. outbreaks, epidemics, pandemics, and disease surveillance in general). Presentation will describe architectures of a technology-driven disease surveillance system; field practice and experience on utilisation of (digital) technologies to strengthen health system

**Clusters:**

- a) Establishing and managing one health disease surveillance systems (community, district, national, regional or global)
- b) Cross-border ecosystem surveillance and data sharing policy and practices
- c) Preparedness and response
- d) Geographical Information Systems and Remote Sensing Approaches
- e) Transportation networks and human mobility

**SUB-THEME 3: Innovative technologies and solutions for application in, and improvement of healthcare service delivery and health outcomes**

**Pre-amble:** the papers and presentations will focus on the use of technologies for healthcare services, how the technologies have improved care and outcomes. They will provide evidence on role of technologies to provide accurate, comprehensive, and efficient health data including point-of-care diagnostics, treatment, and adherence to treatment. How primary health care can benefit from use of Digital Health, and the role of telemedicine.

**Clusters**

- a) Technologies for improving health care
- b) Behavior change communication (BCC)
- c) Digital decision support software and systems for use in health facilities
- d) Digital Health Revolution (Health in the context of the 4<sup>th</sup> industrial revolution)
- e) Personalized digital medicine

**SUB-THEME 4: Costing and Financing Health: the Role of Digital Health, International Remittances, Universal Health Care, and EAC status on the UN SDGs**

**Pre-amble:** papers and presentation will showcase the value of technologies in resource management; the economies of scale associated with the use of technologies in health. The role of mobile financial services in improving health services, Innovative technologies for health insurance, etc.

**Clusters**

- a) Technologies for scaling affordable health financing
- b) Alternative financing models for universal health care (including fundraising options)
- c) Public-private partnerships for health care financing (National, Regional and International)
- d) Pay for Performance Models in Health Care
- e) Decision support systems to improve health care resource allocation

**SUB-THEME 5: Health knowledge management through digital technologies and solutions in East Africa: health research, training, and care**

**Pre-amble:** papers and presentations will focus on, and showcase how technologies and solutions are leveraging knowledge management and the effective use of knowledge. The value-add of real-time data flow, training health workforce including community health workers into technology-savvy health workforce. Scaling up technology-driven research and big data aggregation and analytics

### Clusters

- a. e-learning platforms and opportunities
- b. Scaling up basic health information
- c. Capacity and training
- d. Using social media platforms for health communication and information sharing
- e. Mathematical modelling, data integration and big-data analytics=

### Important dates

- Abstract submission - **30th November 2018**
- Abstract review – **21 December 2018**
- Notification of acceptance – continuous
- Notification of acceptance by category (poster, oral or will only be published in the book of abstracts) – **31st January 2019**
- Final submission of abstract (after revisions as directed)- **31st January, 2019**
- PowerPoint presentation submission – **27 February, 2019**

### Author Submission Guidelines

- Abstracts should be submitted responding to a specific sub-theme of the conference by filling this form
- Abstracts must be written in English and not more than 300 words
- The scientific subcommittee will review and communicate only to successful applicants
- The scientific subcommittee will issue conditional acceptance to the authors concerned once their paper proposal has been chosen for presentation.
- Deadline for submission: 30 November 2018

Submission of abstracts and completed abstract submission forms should be sent as email attachments to [admin-eahrc@eahealth.org](mailto:admin-eahrc@eahealth.org) or [eahrc-admin@eachq.org](mailto:eahrc-admin@eachq.org) and copied to [fmashauri@eahealth.org](mailto:fmashauri@eahealth.org) and [jngirabega@eahealth.org](mailto:jngirabega@eahealth.org)

Format for submission: Microsoft Word

Font: Arial 11.5

Only those applicants whose abstracts are accepted will be contacted. Abstracts that are submitted after the submission deadline will not be considered and the organizers will not be held responsible for any such late submissions. All abstracts must be submitted in English. They must also meet the word number and font requirements. Abstracts submitted in a different language will not be considered and the organizers will not be held responsible for not considering any such abstracts. Submitted abstracts that are accepted will be published in the

East African Health Research Journal, special issue of March 2019 and reference will be made to the source of the abstracts. Due to limited time available for oral presentations during the conference, some of the abstracts that are accepted may only be published in the book of abstracts.