

AfriHealth



Conference theme: *Consolidating the gains of technological innovation in healthcare through effective management*

Kenya International Conference Centre, Nairobi
30 November – 1 December 2011

An AITEC Africa Event



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DAY 1: 30 November 2011

<p>9am</p>	<p>SESSION 1</p> <h3>OPENING PLENARY</h3> <p>MODERATOR Sean Moroney, Chairman, AITEC Africa, UK</p> <p>Welcome address Dr Bitange Ndemo, Permanent Secretary, Ministry of Information & Communications, Kenya</p> <p>Consolidating the gains of technological innovation in healthcare through effective management Professor Yunkap Kwankam, Executive Director, International Society for Telemedicine & eHealth (ISfTeH), Switzerland</p> <p>Aiming for a more integrated approach in healthcare delivery at national and local levels Dr Katherine Getao, Head of eGovernment, Office of the President, Kenya</p> <p>The economics of eHealth Professor Maurice Mars, Head, Department of Telehealth, University of KwaZulu-Natal & President, South African Telemedicine Association</p>	
	<p>SHOWCASE PRESENTATION</p> 	 <p>Ericsson's mHealth Solutions - use cases and success criteria to enhance healthcare delivery Rainer Herzog, Head of Strategy & Business Development mHealth & eHealth, Ericsson, Germany</p>
<p>11am</p>	<p>Networking refreshments</p>	

<p>11.30am</p>	<p>SESSION 2</p> <p>mHealth: Turning hype into delivery</p> <p>MODERATOR Dr Egbe Osifo-Dawodu, Founding Partner, Anadach Group, USA</p> <p>mHealth reaches puberty: Hype & hyperventilation Bright Simons, Founder, mPedigree, Ghana</p> <p>The elusive power of m-health Gopi Gopalakrishnan, COO (ICT), Intex Construction, Kenya</p> <p>Using mobile telephony as an innovative communication channel for family planning Bas Hoefman, Text to Change, Kenya</p> <p>mHealth and the required ecosystem in East Africa John Kieti, mLab, Kenya</p>	<p>SESSION 3</p> <p>Business models for effective service delivery</p> <p>MODERATOR Maureen Orlando Adel, Member, NEPAD Council Global Health Commission, Kenya</p> <p>Benchmarking the performance of hospitals and hospital IT adoption Angela Dunbar, Member, HIMSS Europe Governing Council, Chair HIMSS-World Bank Taskforce & eHealth Adviser, Spain</p> <p>IT systems in African hospitals: Are they feasible? Johann Odendaal, President, South African Health Informatics Association</p> <p>Communications for communities and capacity-building for health and care Dr Peter Drury, Director, Health and Development, Emerging Markets, Internet Business Solutions Group, Cisco, UK</p> <p>Driving organisational performance through ICT deployment Dr Edward Rukwaro, Regional GM, AAR Healthcare, Kenya</p>
<p>1pm</p>	<p>Networking Lunch</p>	

2.30pm

SESSION 4

mHealth Case Studies

MODERATOR

Dr George John, MD, International Modern Hospital, Dubai

Mailafiya – mHealth overcomes challenging circumstances

Chris Raymond, Mailafiya, Nigeria

Case study on improving health services through TeleHealth in Gilgit Baltistan

Dr Shariq Khoja, Director AKDN eHealth Resource Centre, Aga Khan University, Kenya

Using mobile technologies for collecting health data: The USAID Private Health Sector Programme in Ethiopia

Derebe Tadesse, Quality Improvement Manager, ABT Associates, Ethiopia

SESSION 5

WORKSHOP 1



UNITED NATIONS
UNIVERSITY

UNU-IIGH

UNU-International Institute For Global Health

Open source healthcare information systems

Nurhizam Safie, United Nations University, International Institute of Global Health (UNU-IIGH), Faculty of Medicine, National University of Malaysia

Open Source health information systems offer an alternative to proprietary healthcare information systems. Currently, most developing countries have a tight financial budget for their healthcare services and cannot afford the high cost of licence fees imposed by proprietary healthcare information system providers. Therefore, open source healthcare information systems are an attractive alternative to be introduced in the healthcare services of developing countries. By using open source healthcare information systems, the healthcare providers such as hospitals and clinics can improve the efficiency of services, reduce licensing and maintenance costs in managing information systems, as well as catering for future scalability and growth. Among the available open source healthcare information systems, GNU HEALTH has been chosen for this workshop because GNU HEALTH is a multi-user, highly scalable and centralised system which provides the following functionality:

- Electronic Medical Record (EMR)
- Hospital Information System (HIS)
- Health Information System

This workshop is intended for users who want to get a better introductory functional understanding of GNU HEALTH. The workshop offers a thorough knowledge in usability and understanding of two critical modules, namely Patient Management and Financial Management.

Objectives

Having attended this workshop, participants should be able to:

- Understand the concept of open source health information systems.
- Understand the functional concepts of GNU HEALTH modules, namely Patient Management and Financial Management.
- Understand the development concepts and architecture of GNU HEALTH.
- Workshop Content

Introduction to GNU HEALTH and Basic Settings

- Introduction to GNU HEALTH: Vision and Mission

		<ul style="list-style-type: none"> • Architecture: Supported operating systems, databases & ERPs • The modular concept framework • The GNU HEALTH development environment. • Introduction to Sourceforge and SVN • Introduction to Transifex: The translation and localization portal <p>Patient Management</p> <ul style="list-style-type: none"> • Patient registration • Emergency department /ambulatory • Outpatient/In-patient • Admission, discharge & transfer (ADT) • Appointment & scheduling • Resource scheduling • Medical record management • Report & statistics <p>Financial Management</p> <ul style="list-style-type: none"> • Charging, billing & invoicing • General ledgers • Accounts receivable/payable • Cash book management • Reporting
6pm	Exhibition Closes	

DAY 2: Thursday 1 December 2011

9am	<p>SESSION 6 PLENARY 2</p> <p>MODERATOR Edwin Ochieng, Programme Co-ordinator, Association of Public Health Laboratories, Kenya</p> <p>An overview of latest worldwide trends in telemedicine Frank Lievens, Board Member & Secretary, International Society for Telemedicine & eHealth, Belgium</p> <p>Addressing the fragile environment of e-health in resource-limited settings Dr Christoph Larsen, synaLinQ, Vietnam & Kenya</p> <p>National e-health policy development: The Commonwealth approach Dr Sylvia Anie, Director, Social Transformation Programmes Division, Commonwealth Secretariat, UK, and Dr Adesina Iluyemi and Tom Jones, Directors, TinTree International eHealth and Consultants, Commonwealth Secretariat, UK</p>	
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11am	Networking Refreshments	
11.30am	<p>SESSION 7</p> <p>Pharmaceutical management systems</p> <p>MODERATOR John Sawers, Country Manager, Trifour Health, Kenya</p> <p>Anti-counterfeit systems for pharmaceuticals David Svarrer, CEO, Digital Age Institute, Kenya</p> <p>Using IT for improved pharmaceutical care delivery in developing countries: A case study of Benin Dr Thierry Oscar Edoh, University of Bonn & German Federal Army University of Munich, Germany</p> <p>Development and implementation of a clinical trials registry as a core hub for an integrated National Clinical Trials Monitoring Information System Steven Wanyee Macharia, Senior Technical Advisor, Health Informatics, IntelliSOFT Consulting, Kenya</p>	<p>SESSION 8</p> <p>eHealth Case Studies</p> <p>MODERATOR Gopi Gopalakrishnan, COO (ICT), Intex Construction, Kenya</p> <p>Developing unique identifiers for the provisions of health services within the context of protecting the confidentiality and security of personal medical information: Leveraging HIV-related experience Dr Eduard Beck, Senior Technical Advisor, Office of the Deputy Executive Director, UNAIDS, Geneva</p> <p>A Multilingual Expert System for Ubiquitous Diseases Diagnosis (MESUDD) Dr John Oladosu, Lecturer, Ladoke Akintola University of Technology, Nigeria</p> <p>Community-based eHealth promotion for safe motherhood - A case study from Khyber Pakhtoonkhwa, Pakistan Dr Shariq Khoja, Director AKDN eHealth Resource Centre, Aga Khan University, Kenya</p> <p>Investing in innovation that empowers Africa's health workforce to deliver Maureen Orlando Adel, Member, NEPAD Council Global Health Commission, Kenya</p>
1pm	Networking Lunch	

<p>2.30pm</p>	<p>SESSION 9</p> <p>Business models for effective service delivery: Rural Health Systems</p> <p>Changing African healthcare through private sector technology innovations Steve Landman, CEO, Carego International, Kenya & USA</p> <p>Leveraging telehealth to improve child maternal health Iboun Sylla, Business Development Manager, Texas Instruments, USA</p> <p>Cloud-based deployment of a Health Information System in Kenya: National rollout of DHIS2 Professor Jørn Braa, University of Oslo and Dr. Ayub Many, Medical Epidemiologist, Division of Health Information Systems, Ministry of Health, Kenya</p> <p>Systems for improved social care provision Judith Wanjira, Programmes Co-ordinator, Salvage a Girl Initiative, Kenya</p> <p>Increasing access to healthcare by reducing costs through online consultations Dr Peter Wanyoike, Consultant Neurosurgeon, Kenya</p>	<p>SESSION 10</p> <p>WORKSHOP 2</p> <p>  UNITED NATIONS UNIVERSITY</p> <p>UNU-IIGH UNU-International Institute For Global Health</p> <p>Using the Casemix system for health finance management</p> <p>Prof Dr Syed Aljunid, Professor of Health Economics and Senior Research Fellow, UN University International Institute for Global Health, Faculty of Medicine, National University of Malaysia</p> <p>This workshop is designed to introduce participants to the Casemix system for enhancement in quality and efficiency of healthcare services. Casemix experts from the UN University International Institute for Global Health will share their experience in implementing Casemix systems in a number of developing countries globally. The workshop will provide an overview of Casemix, its evolution from the first version introduced in the 1980s by Professor Robert Fetter from Yale University, to the present day where the system has been implemented in more than one hundred countries worldwide. Minimum dataset requirements for Casemix systems will be discussed in detail, including requirements for diagnoses and procedures coding using the ICD classification system. Benefits of using Casemix as a prospective provider payment mechanism under social health insurance programmes will be presented in this workshop. Software currently available to support implementation of Casemix system will be demonstrated including the recently launched the UNU-CBG Casemix Grouper, a universal, dynamic and advanced grouper software. Proposed plan for implementation of Casemix system under the UNU-IIGH programme will be presented in this Workshop.</p> <p>Workshop Objectives:</p> <p>At the end of the workshop, participants should be able to:</p> <ul style="list-style-type: none"> • Understand the concept of the Casemix system • Appreciate the role of Casemix in enhancing quality and efficiency of healthcare services. • Design the basic minimum dataset package for Casemix Implementation. • Have basic knowledge on the use of UNU-CBG Casemix Grouper
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		<p>Workshop Content:</p> <ul style="list-style-type: none"> • Casemix: An introduction • Minimum Dataset for the Casemix system • Supporting software for Casemix • Implementation of Casemix in developing countries for health financing
4pm	Networking Refreshments	
4.30pm	<p>SESSION 11</p> <p>PANEL DISCUSSION</p> <p>What are the best practice achievements that can be replicated across the continent?</p> <p>MODERATOR Professor Yunkap Kwankam, Executive Director, International Society for Telemedicine & eHealth (ISfTeH), Switzerland</p> <p>PANEL MEMBERS Lucy Fulgence Silas, Country Director, D-Tree International, Tanzania Dr Moretlo Molefi, MD, Telemedicine Africa, South Africa Dr Catherine Omaswa, Chairperson, National eHealth Committee, Uganda Dr Olajide Adebola, President, Society for Telemedicine and eHealth in Nigeria & Director of Telemedicine Services, Global Care International, Nigeria Caroline S. Mbindyo, Regional eHealth Programme Manager, African Medical and Research Foundation (AMREF), Kenya</p>	
5.30pm	<p>CLOSING PLENARY</p> <p>Conference Report & Conclusions</p> <p>Delegate Prize Draw</p>	