LUSAKA, ZAMBIA

10TH CONFERENCE ON

ICT4D

MAY 8-10, 2018
MAY 11, 2018 Training Day

Mulungushi International Conference Centre

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Welcome to the 10th ICT4D Conference!

At this year's Conference experts will share insights into their ICT4D strategy and digital transformation, discuss how the sector is moving from big data to responsible data, and introduce emerging technologies and their applications for development and global relief.

You are invited to design your personal agenda aligned to your organization's needs and specific interests from the **online program:** https://ict4dconference.pathable.com/, or refer to your printed program. Please visit the website for full speaker biographies, partner profiles and presentations.

Take full advantage of your time at the 10th ICT4D Conference to learn about the latest innovations, explore the exhibition area, visit the agriculture machinery outside, attend the demonstration stage sessions, or join the field trip for demonstrations.

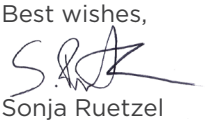
We strongly encourage you to engage in the conversation and actively network. Join the public debate on Twitter using **#ICT4D2018** or by Tweeting **@ICT4DConference,** or via the LinkedIn group **ICT4D Exchange.**

The WiFi password is Liquid.ICT4D

You have also been given coupons with your name badge for Tuesday's drinks reception and Wednesday's dinner, please hand those to the caterer. If you need to catch up on work, you will find a quiet retreat in our Business Lounge.

For any questions or enquiries please visit the **ICT4D Conference Info Desk in the New Wing.** We wish you a productive and informative Conference.

Best wishes,



Sonja Ruetzel
& the ICT4D Conference Organizing team

AGENDA AT A GLANCE

TUESDAY, MAY 8

8:00 Registration & Exhibition opens
9:00 Plenary: ICT4D Strategy & Digital Transformation
11:00 Refreshment break
11:30 Big Discussion: Agriculture, Parallel Breakout sessions
12:15 Big Discussion: Agriculture, Parallel Breakout sessions
13:00 Lunch & Agriculture themed networking lunch sponsored by John Deere
14:00 Big Discussion: Collaboration & Openness in ICT, Parallel Breakout sessions
14:45 Big Discussion: Collaboration & Openness in ICT, Parallel Breakout sessions
15:30 Refreshment break
16:00 Demonstration Stage/ Exhibition Tour, Parallel Breakout sessions
16:45 Panel: Track Summary
17:30 Drinks Reception (Exhibition area)

WEDNESDAY, MAY 9

8:00 Registration & Exhibition opens
9:00 Plenary: Big & Responsible Data for Development
11:00 Refreshment break
11:30 Big Discussion: Humanitarian Response, Parallel Breakout sessions
12:15 Big Discussion: Humanitarian Response, Parallel Breakout sessions
13:00 Lunch
14:00 Big Discussion: Education & Livelihoods, Parallel Breakout sessions
14:45 Big Discussion: Education & Livelihoods, Parallel Breakout sessions
15:30 Refreshment break
16:00 Demonstration Stage, Parallel Breakout sessions
16:45 Panel: Track Summary
18:00 Dinner (Main Hall)

THURSDAY, MAY 10

8:00 Registration & Exhibition opens
9:00 Plenary: Emerging Technologies & Their Applications
11:00 Refreshment break
11:30 Big Discussion: Health & Nutrition, Parallel Breakout sessions
12:15 Big Discussion: Health & Nutrition, Parallel Breakout sessions
13:00 Lunch
14:00 Big Discussion: Digital Financial Inclusion, Parallel Breakout sessions
14:45 Big Discussion: Digital Financial Inclusion, Parallel Breakout sessions
15:30 Refreshment break
16:00 Closing Plenary
17:00 End of Conference

** 11.30-15.30 Field Trip*

PLENARY

TUESDAY MAY 8: ICT4D STRATEGY & DIGITAL TRANSFORMATION

9.00-9.05 **Opening Ceremony**

9.05-9.10 **Welcome**
Mizinga Melu, Managing Director, **Barclays Bank Zambia**

9.10-9.30 **Opening Keynote Address**
H.E. Edgar Chagwa Lungu, **President of The Republic of Zambia**

9.30-9.50 **Presentation: "It's All About Results"**
Michele Broemmelsiek, Vice President, Overseas Operations, **Catholic Relief Services**

9.50-10.40 **Panel: From Digital Transformation to Execution**
Moderator: Abe Wakama, CEO, **African Innovator Group,** Publisher, **IT News Africa Magazine**
Speakers: Christopher Burns, Director, Center for Digital Development,
U.S. Agency for International Development
Enrica Porcari, Chief Information Officer and Director of Technology, **UN World Food Programme**
Pietro Galli, Director of Technology/ CIO, **Norwegian Refugee Council**

10.40-11.00 **Presentation: "If You Knew Better, Would You Do Better?"**
Lauren Woodman, CEO, **NetHope**

11:00 AM - 11:30 AM — Tuesday, May 08

Coffee Break
Foyer

Press Conference
Mildred T Kuanda
Hall

11:30 AM - 12:55 PM — Tuesday, May 08

Big Discussion: Digital Ag - Beyond the Myth and Hype
Anthony Whitbread, Shaun Ferris, Carol Kyazze Kakooza, Frederic Masse, and Stewart Collis
Mosi Oa Tunya Auditorium
ICRISAT, CTA, SAP Africa, Catholic Relief Services, aWhere

11:30 AM - 12:10 PM — Tuesday, May 08

Emergency response – Success and challenges with using bio matrix with RedRose for registration/distr
Adebe Gabriel and Brian Healy
Boardroom 2
Catholic Relief Services

NeedsApp: empowering field teams to implement high-quality needs assessments in humanitarian emer
Martha Janicki and Elena Chopyak
Committee Room 1
IRC

SMS-Based Platforms for Disaster Preparedness and Response: The Case of SIGIC in Mozambique
Casimiro Antonio
Committee Room 2
Chemonics

ICTs in education for marginalised communities: children without parental care and in remote areas
Astou Thiongane and Benedikt Wahler
Munali Room
SOS Children's Villages International, Learning Lions gUG

How to Pitch Your Digital Health Startup: Insights and Advice
Bobby Jefferson
Luangwa Room
DAI

Panel: Advancing Digital Health to Address NCDs
Natasha Sunderji, Shreya Bhatt, and Debbie Rogers
Nyika Room
Accenture, Medic Mobile, Praekelt, WHO

Radio Enabling Period Talk: Girls from city Slum opening the window for the rest
Eko Prasetyo
Luapula Boardroom

mHealth for NCDS: implementation lessons learned from Zambia's mHealth for Cervical cancer program
Rosemary Muliokela
Bamboo Boardroom
WHO

Building Digital Finance Ecosystems -- Taking Stock Ten Years On
Tillman Bruett
Committee Room 3
United Nations Capital Development Fund

Digital Channels and Financial Inclusion
Banja Kayumba and Charity Chikumbi
Tanganyika Room
Barclays Africa

How to provide programme data insights whilst keeping individuals' privacy & protection at the core
Emily Tomkys Valteri, Jeff Lundberg, and Alvaro Cobo-Santillan
Muchinga Room
Oxfam, Catholic Relief Services

Scale Achieved! CRS' Alignment of ICT4D Strategy and Suitable Standardization
Stephen Hellen and Anusheel Kamle, CSM
Zambezi Room
Catholic Relief Services

12:10 PM - 12:15 PM — Tuesday, May 08

Transition Time

12:15 PM - 12:55 PM — Tuesday, May 08

Technology for humanitarian systems change
Helen James
Luapula Boardroom
Start Network

Software, apps and digitization: examples from Ethiopia and Cambodia
Craig Wilson and Jackline Seni
Zambezi Room
UAB Sparkman Center for Global Health, World Possible

Gaining technical knowledge for rural livelihoods: aquaculture and women-headed households
Bonnie Chiu and Stephen Njenga
Bamboo Boardroom
Lensational, Catholic Relief Services, BoP Innovation Centre

Distributing NFI's at Scale
Nathan Barthel
Committee Room 3
Catholic Relief Services

Journey to 100,000 community health workers and sustenance
Saket Kanth
Nyika Room
Dimagi

Uber for Emergencies: Leveraging the sharing economy to support life-saving transport
Erica Layer
Luangwa Room

How Mobile Operators and Start-ups Can Partner for Impact in Emerging Markets
Peter Ndichu
Munali Room
GSM Association

Liquid Telecom session
Committee Room 1

Applying the Principles for Digital Development to Improve From Within
Amy Denkenberger, Marcos Moreno, and Melissa Cook
Muchinga Room
Chemonics International

Knowledge sharing for scaling digital solutions
Kathryn M Clifton
Tanganyika Room
Catholic Relief Services

Moving Collaboration from Concept to Reality - Via Shared Technology
Prue Allen
Boardroom 2
Liberty Asia

Everything matters: An Ecosystem Approach to Digital Development
Troy Etulain
Committee Room 2
FHI360

1:00 PM - 2:00 PM — Tuesday, May 08

Lunch
Main Hall, Old Wing

Agriculture Networking lunch sponsored by John Deere
Boardroom 1
John Deere

2:00 PM - 3:30 PM — Tuesday, May 08

Big Discussion: Collaboration & Openness
SalesForce , Darlene Irby, and Katherine Wilson
Mosi Oa Tunya Auditorium
DIAL, QED, SalesForce

2:00 PM - 2:40 PM — Tuesday, May 08

Become a certified digital humanitarian cash practitioner in just 5 weeks
Lily Frey
Committee Room 1
Mercy Corps

Missing Maps: Putting 200 people on the world map through open source
Ivan Gayton
Munali Room
Humanitarian OpenStreetMap Team

Using the Mobile phone for disaster / risk management
Clare Sempebwa Seruwagi
Zambezi Room

Mentoring through ICTs to improve youth learning
Arundhuti Gupta and Maria Berenguer
Muchinga Room
Mentor Together, SOS Children's Villages International

Assessment of an electronic health record system in low resource settings: the case of SmartCare in
Mphatso Mudenda
Committee Room 3
Centers for Disease Control and Prevention

New approaches to using data to better program tailored outreach VMMC activities in Zambia
Monze Muleya
Luapula Boardroom

Panel Session: Implementation lessons from four countries that have scaled OpenSRP for routine health services
Anuraj Shankar, Mandy Dube, and Mridul Chowdhury
Nyika Room
PATH, MPower

Making Sense...and Dollars from Participatory Household Financial Analyses in Nigeria and Malawi
Bryan Sobel and Shaun Ferris
Boardroom 2
Catholic Relief Services

Reaching for the stars with your feet planted on the ground
Chris Bessenecker
Bamboo Boardroom
Project Concern International

Turning data into action - How Lawin transformed forest protection in the Philippines
Felix Gaschick
Boardroom 1
Chemonics International

Consumer archetypes and tailored experiences: What makes consumers tick, tag along and stick around
Anastasia Mirzoyants
Luangwa Room
Well Told Story

How human centred, innovation and partnerships are being used to address agent liquidity challenges
Zerubabel Junior Kwebiiha
Tanganyika Room
United Nations Capital Development Fund

Breaking Through Literacy Barriers: Using IVR to Share Dynamic SBCC Messages
Jamie Arkin
Committee Room 2
Viamo

2:40 PM - 2:45 PM — Tuesday, May 08

Transition Time

- Collaboration and Openness
- Livelihoods
- Digital Financial Inclusion
- Demonstration
- Agriculture and Environment
- Humanitarian Response
- Health and Nutrition
- Education
- Plenary
- Break
- Birds of a Feather Rountable Session
- Training Day
- Invitation Only

2:45 PM - 3:25 PM — Tuesday, May 08

Digitizing Cash-Based Interventions for refugees
Ali Akram
Boardroom 2
United Nations Capital Development Fund

ICT4D Commodity Risk Monitoring and Compliance, JEOP CRS/Ethiopia
Mehret Zerihun
Bamboo Boardroom

Mission Critical Communications: making Radio, LTE and Broadband interoperate
Travis Heneveld
Munali Room
Motorola Solutions

Participatory Risk Mapping for Rohingya refugees
Sajal Debnath
Committee Room 1
Caritas Bangladesh

Leveraging Modern Technology for Strengthening MEAL Practices
Ahmed Shoukry and Ali El Benni
Muchinga Room
Catholic Relief Services

Bringing visual analytics to community health workers across zambia
Neal Myrick
Committee Room 2
Tableau Foundation

Collecting and improving hospital data on causes of death in Ghana
Anthony Ofosu
Luangwa Room

Development of an electronic laboratory transmission tool for improved lab result turnaround times
Gift Lyoko
Committee Room 3
Centers for Disease Control and Prevention

Drones for Agriculture: Potentials and Challenges
Giacomo Rambaldi and Gabriel Lesa
Nyika Room
CTA, ZCAA

From satellites to stalk borers: using earth observation to forecast pest outbreaks
Cambria Finegold
Boardroom 1
CABI

Willingness to pay for Sustainability of Agricultural and Nutrition Advisory Information
Amos Olertey Wussah
Zambezi Room
Farmerline Ltd

Building a digital money account for Africa's future
Perseus Mlambo
Luapula Boardroom
Zazu Africa

3:30 PM - 4:00 PM — Tuesday, May 08

Coffee Break

Foyer

4:00 PM - 4:40 PM — Tuesday, May 08

Developing Plug&Play technology stacks for the humanitarian sector
Sebastian Manhart
Munali Room
Simprints

Integrated Response Platform - Supporting a Coordinated Humanitarian Response in Somalia
Erick Ngwiri
Committee Room 1
Ona Systems Inc

Birds of a Feather Session: Let's Talk Mission - How do you Drive a Technology Strategy to Power your Purpose?
Shelly Erceg
Hall
SalesForce

Birds of a Feather Session: The New Data Driven M&E Cycle: from Evidence to Learning
Robert Segan
Main Hall
QED

Barriers are outdated!

Fernando HMI
Demonstration Stage
Plan International

Driving Digital and Financial Inclusion that leaves no one behind
Caylee Talpert
Demonstration Stage
N-Frnds

ICTs supporting Agribusiness Enterprise Development in Uganda
Hamlus Owoyesiga
Demonstration Stage
Igara Growers Tea Factory

RACHEL: Connecting offline learners to the world's knowledge
Jackline Seni
Demonstration Stage
World Possible

Redrose Cash Payment Systems
Brian Healy
Demonstration Stage
Redrose CPS Ltd.

Salesforce for Nonprofits: Impact That's Smarter, Not Harder
Joey Martin
Demonstration Stage
SalesForce

Enhancing Literacy skills for refugees and in Cambodia
Martina Amoth and Katherine Miller
Luapula Boardroom
Institute of International Education, Avallain Foundation LTD

Creating Your Own Workflow: Showcasing Mobile Platform Use Cases.
Anna Arnaudo
Luangwa Room
USAID

OpenSRP enhancement with machine learning and artificial intelligence, and evidence of impact
Anuraj Shankar
Committee Room 3

Digital Agriculture: Scale and Sustainability through Government Partnership and Ownership
Mridul Chowdhury
Nyika Room
mPower Social Enterprises Ltd

Intelligent Systems advisory tool (ISAT): Empowering the smallholder farmer to manage climate risk.
Anthony Whitbread
Tanganyika Room
ICRISAT

Using Mobile Phones to Disseminate Agricultural Information and Improve Knowledge across Nigeria
Emmanuel Azaino
Boardroom 1
Catholic Relief Services

GIS applications in financial inclusion
Petronella Tizora
Boardroom 2
FinMark Trust

The Applicability of Digital Financial Services in Conflict-afflicted Environments
Leah Gatt
Committee Room 2
Vital Wave

Driving Greater Equity Through ICT4D Utilizing the Principles for Digital Development
David McGinty
Zambezi Room
Palladium Group

WiFi provision in refugee settlements
Jovan Jelicic
Muchinga Room
Mercy Corps

mBrana, Mobile Phone Based Vaccine Stock Management Tool improves Decision Making in Districts
Ayalkebet Shiferaw
Bamboo Boardroom
John Snow Inc

Exhibition Tour

Simon Gibbs
Kafue Room

4:40 PM - 4:45 PM — Tuesday, May 08

Transition Time

5:00 PM - 5:30 PM — Tuesday, May 08

Track Summary

Mosi Oa Tunya Auditorium

5:30 PM - 7:30 PM — Tuesday, May 08

Drinks Reception in Exhibition Area
Kafue and Lobby, New Wing

ICT4D and Gender Drinks Reception
Kathryn M Clifton and Sonja Ruetzel
Zambezi Room

PLENARY

WEDNESDAY MAY 9: BIG & RESPONSIBLE DATA FOR DEVELOPMENT

9.00-9.05 **Welcome**
Silumesii Maboshe, Co-Founder & Director – Consulting, **BongoHive**

9.05-9.50 **Panel: Big Data for Evidence-based Decision Making**
Moderator: Katy Money, Director of Business Development and Partnerships, **Ushahidi**
Speakers: Barbara Ryan, Director, **The Group on Earth Observations (GEO)**
Anne Hale Miglarese, Chief Executive Officer, **Radiant.Earth**
Michael O'Brien, Executive Partner, **Gartner Executive Programs**

9.50-10.10 **Presentation**
Frédéric Massé, Head of Africa Agriculture Industry, **SAP Africa**

10.10-11.00 **Panel: Responsible Data Strategy: ICT4D Data Privacy, Security, and Culture**
Moderator: Katherine Wilson, CEO, **Digital Impact Alliance (DIAL)**
Speakers: Karl Lowe, CIO, **Catholic Relief Services**
Raphael Maseko, Managing Director, **AfriConnect Zambia (a Vodacom Business Africa company)**
Rosa Maria Cortada, CIO, **Oxfam Intermon**
Esther Kamande, Senior Associate, Bhullar & Company Advocates; **Kenya ICT Action Network**

11:00 AM - 11:30 AM — Wednesday, May 09

Coffee Break
Foyer

11:30 AM - 4:00 PM — Wednesday, May 09

Executive Session: A Digital Transformation Roadmap for Development, Humanitarian, and Conservation Sectors
Fredrik Winsnes, Lauren Woodman, and Nan Hall
Committee Room 2
NetHope

11:30 AM - 1:00 PM — Wednesday, May 09

Big Discussion: Humanitarian Response
Mosi Oa Tunya Auditorium

11:30 AM - 12:10 PM — Wednesday, May 09

Alternative Visions and Holistic Approaches to Education Through ICTs
Idalina Rodrigues and Fernando HMI
Nyika Room
Plan International, IRC

Empowering refugees: livelihood enhancement through ICTs
Simon Fuchs and Tonny Okwonga
Committee Room 1
IRC, BOSCO Uganda

Implementing eGovernment in a Resource Challenged Environment – The Case of Liberia
Victoria Cooper
Luangwa Room
Chemonics International

Integrated Health Data and the Challenges of Data Ownership
Katie Shipley
Committee Room 3
DAI

Panel Session: Engaging the end user: Strategies to engage and motivate health workers in digital health programs
Rachel Hofmann and Shreya Bhatt
Munali Room
Medic Mobile, D-Tree International

Improved tracking, coaching and impact of field agents leveraging a custom Salesforce application
Gordon Lau
Boardroom 2
iDE

Lessons Learned providing agricultural information services for ICT4Ag solutions
Stewart Collis
Boardroom 1
aWhere

Panel Session on Drones for Agriculture
Giacomo Rambaldi, Subi Thomas, Abdelaziz Lawani, and Ognen Plavevski
Tanganyika Room

Making digital finance work for Zambian mothers
Uloma Ogba
Luapula Boardroom
United Nations Capital Development Fund

The great school fee migration
Taylor Yess and Angela Kalambo
Bamboo Boardroom
FSDZ, Catholic Relief Services

Dynamics of adhering to Principles for Digital Development in Technology-enabled interventions
Peter Njuguna
Zambezi Room
Plan International Kenya

Responsible Data Practice: Thinking through the Challenges.
Anna Arnaudo
Muchinga Room
USAID

12:10 PM - 12:15 PM — Wednesday, May 09

Transition Time

- Collaboration and Openness
- Livelihoods
- Digital Financial Inclusion
- Demonstration
- Agriculture and Environment
- Humanitarian Response
- Health and Nutrition
- Education
- Plenary
- Break
- Birds of a Feather Rountable Session
- Training Day
- Invitation Only

12:15 PM - 12:55 PM — Wednesday, May 09

ICTs for education in Zambia (1): computer studies and coding
Daniel Bevington and Justin Keane
Nyika Room
Hackers Guild, Camara Education

Exploring Association between Economic Strengthening Activities and child wellbeing using SenseMaker
Emeka Anoje and Abdul-Mumin Damba Tahidu
Boardroom 2
Catholic Relief Services, International Development Enterprises

A Role for Mobile Technology in Management of Acute Malnutrition
Michael Korir
Medic Mobile

Demonstrated Impact of Spatial Household Data Collection
Benjamin Winters
Munali Room
Akros

No "silver bullet": Choosing modality, incentives, narrative voice and consent approach to optimize performance of mobile phone surveys
Erisa Mwaka, PhD and Ankita Meghani
Luangwa Room
JHPiego

Open Deliver: Establishing a Peer-to-Peer Network of Content Sharing Libraries for Health Education
Michael Bailey
Committee Room 3
John Hopkins University/Jhpiego/mPowering

Drones for Precision Agriculture
Abdelaziz Lawani and Subi Thomas
Bamboo Boardroom
Global Partners SARL , iDrone Services Ltd

Rice Crop Manager, Philippines: Achieving scale and sustainability through government partnership
Benedict Jardinero
Boardroom 1
International Rice Research Institute

The Potential Payoff of Digital Wage Payments for Women and their Employers
Carlos Acero Casamitja
Luapula Boardroom
Innovations for Povery Action

Big Data Revolution for Sustainable Development and Humanitarian Action
Jong Gun Lee
Muchinga Room
United Nations Global Pulse

Moneyball and the New Dollars to Results: Using Data to Improve Effectiveness in Development
Robert Segan
Tanganyika Room
QED

Panel: Gender and digital inclusion: Innovation and collaboration for marginalised communities
Chloe Messenger, Catherine Highet, Krista Baptista, and Natasha, Chipo Zulu
Committee Room 1
DAI, CGAP, Panoply Digital

Speaking in Code - From Programming to Programmers
Bo Percival
Zambezi Room
Plan International

1:00 PM - 2:00 PM — Wednesday, May 09

Lunch

Main Hall, Old Wing

2:00 PM - 3:30 PM — Wednesday, May 09

Big Discussion: Using ICTs for Education in Deprived Contexts

Tim Unwin, Prof, Emilar Gandhi, Leila Toplic, and Ricci Coughlan
Mosi Oa Tunya Auditorium
UN Chair ICT4D, Facebook, NetHope, DFID, UNICEF Zambia

2:00 PM - 2:40 PM — Wednesday, May 09

Automatic message tracking system for accountability into a project
Sony Belizaire
Munali Room
Catholic Relief Services

Ensuring that Personal Data and Aid, Remain in Rightful Hands
Nyika Room

Panel: Data as a public good - considerations for the humanitarian sector
Joel Urbanowicz, Eric Johnson, Roger Dean, and Anna Dmitrijewa
Committee Room 1
CRS, CARE, NRC, ECHO

Leveraging smart mobile tools to motivate and strengthen community health worker programs
Caroline Mbindyo
Committee Room 3
Living Goods

Panel: Making the business case for digital health: Cost Models
Bobby Jefferson, Michael Bailey, and Steve Ollis
Luangwa Room
DAI, Maternal and Child Survival Program / John Snow Inc, John Hopkins University/Jhpiego/mPowering

Impact evaluation of delivering market information to farmers by SMS in Ghana and Uganda
Nicholas Minot
Boardroom 1
IFPRI

Set destination to Innovation
Ognen Plavevski
Bamboo Boardroom
Catholic Relief Services

The "Seed Tracker" App for mainstreaming national seed production and seed certification
Lava Kumar
Boardroom 2
International Institute of Tropical Agriculture

How low cost technology can standardize and bring greater transparency to micro-insurance schemes
Xuân-Mai KEMPF
Tanganyika Room
Swiss Tropical and Public Health Institut

The great school fee migration
Angela Kalambo and Taylor Yess
Luapula Boardroom
FSDZ, Catholic Relief Services

Scaling Digital Solutions and a Culture of Data Use: Lessons Learned in Tanzania and Zambia
Dawn Seymour, MPH
Muchinga Room
PATH

System interoperability to empower data use for action
Mandy Dube
Zambezi Room
PATH

2:40 PM - 2:45 PM — Wednesday, May 09

Transition Time

- Collaboration and Openness
- Livelihoods
- Digital Financial Inclusion
- Demonstration
- Agriculture and Environment
- Humanitarian Response
- Health and Nutrition
- Education
- Plenary
- Break
- Birds of a Feather Rountable Session
- Training Day
- Invitation Only

2:45 PM - 3:25 PM — Wednesday, May 09

Mobile case management & beyond: Innovating our approach to accountability and feedback loops
Emily Tomkys Valteri
Committee Room 1
Oxfam

Protecting vulnerable and high-risk conflict affected groups through a mobile application in Colombi
Efrain Cruz
Munali Room
NRC

National laboratory mapping: Senegal's efforts to collect and use data to improve labs
Sokhna Papa Alioune
Committee Room 3
PATH

New digital tools for strengthening cervical cancer screening through quality assurance
Patrick Wanyoko Kamau
Bamboo Boardroom
MobileODT

Panel: Supportive Supervision: Past, Present and Future
Steve Ollis, Sharon Langevin, Erica Layer, and Guillaume Deflaux
Zambezi Room
D-Tree International, Dimagi, Medic Mobile, Maternal and Child Survival Program / John Snow Inc

Better Impact Through Technology - New Possibilities and Case Studies from the Field
Rohit Pothukuchi
Boardroom 2
Verdentum.org

Digital extension through mobile (IVR) systems: What have we learned and why should you care?
Edwin Kangethe
Boardroom 1
ILRI

Hello Tractor Adapts Internet of Things Technology to Bring Tractors to Smallholder Farmers
Van Jones, Harry Plant, and Oluseyi Oyenuga
Luangwa Room
Hello Tractor, AERIS

Creating a Partner-Driven Sustainable Online Marketplace with Gateway Academy
Josephine Kibe and Eliud Chemweno
Muchinga Room
World Bank/CGAP

The Evolution of Digital Financial Services in Zambia and the Role of Telecommunication Regulators in Supporting Increased Adoption and Innovation Among Providers
Bernard Banda
Nyika Room
ZICTA

Connected Platforms: Driving collaborative use of baseline geospatial data for effective development
Dami Sonoiki
Luapula Boardroom
eHealth Africa

Open Source In Name Only (OSINO): What is a better model for sustainable open source in our sector?
Michael Downey and David McCann
Tanganyika Room
Digital Impact Alliance (DIAL)

3:30 PM - 4:00 PM — Wednesday, May 09

Coffee Break

Foyer

4:00 PM - 4:40 PM — Wednesday, May 09

LIFE: A mobile and VR gaming platform to train health workers in low/middle-income countries
Naomi Muinga
Munali Room
KEMRI/Wellcome Trust Research Programme

Referral Information Management System (RIMS)
Omar AlHussein
Committee Room 1
Danish Refugee Council

Birds of a Feather Session: Applying Digital Development Principles to Enterprise Software
Christopher Gegenheimer
Bamboo Boardroom
Chemonics International

Accenture Digital Agriculture Services
Jolene Dawson
Demonstration Stage
Accenture

How 0's and 1's in the cloud stop people doing #2 in the open
Abdul-Mumin Damba Tahidu
Demonstration Stage
International Development Enterprises

Rural Resourcing Management
Demonstration Stage
SAP Africa

SHARE: A Platform for Evaluation Participants
Robert Segan
Demonstration Stage
QED

TESSA// Training and Employment Support Service Assistant
Bo Percival and Natasha Sunderji
Demonstration Stage
Accenture, Plan International

The mSpray tool
Frazer Bwalya
Demonstration Stage
Akros

Automation of Health Logistics in low income townships
Siraaj Adams, Mr
Luapula Boardroom
Iyeza Health

Using social media to reach and support migrants´health on the move
Ana Santos
Luangwa Room
Medicin Sans Frontiers

mHealth for NCDs: Experiences from deployments to address the Invisible Epidemic in Asia and Africa
Shreya Bhatt
Tanganyika Room
Medic Mobile

Extension by Phone: A Randomized Control Trial to Improve Agricultural Production in Cambodia
Alan de Brauw
Boardroom 1
International Food Policy Research Institute

Internet for the Under-served
Thato Martin Stimela
Committee Room 3
Brastorne Enterprises

Kalgudi, A business social interaction and convergence platform for agri-ecosystem
Rajasekhar Vallabhaneni
Boardroom 2
Vasudhaika software pvt ltd

Prepaid water meter system in rural Tanzania
Ephraim Tonya and Iain Hunt
Committee Room 2
Catholic Relief Services, Villanova University Sustainable Engineering Program

Unlocking the Potential of Digital ID
Paul Musser
Nyika Room
Mastercard

Cross Sector Collaboration: Demonstrating how MNO data can be used to enhance health analytics
Rachel Sibande, Tyler Smith, and Maganizo Monawe
Zambezi Room
Digital Impact Alliance (DIAL), Cooper/Smith, Ministry of Health

Design sprints: Inspiring big changes in digital solutions
Guillaume Deflaux
Muchinga Room
Dimagi

4:40 PM - 4:45 PM — Wednesday, May 09

Transition Time

5:00 PM - 5:30 PM — Wednesday, May 09

Track Summary

Hall

6:00 PM - 8:00 PM — Wednesday, May 09

Dinner

Main Hall

PLENARY

THURSDAY MAY 10: EMERGING TECHNOLOGIES & THEIR APPLICATIONS

9.00-9.05 **Welcome**
Misozi Mkandawire-Bukali, CEO, Zoona Transactions Limited Zambia

9.05-9.25 **Presentation: Empowering Women in ICT4D**
Almas Jiwani, President, **UN Women Canada National Committee,** CEO, **Frontier Canada Inc**

9.25-9.45 **Industry Presentation**
Emilar Gandhi, Public Policy Manager, SADC Region, **Facebook**

9.45-10.40 **Panel: Artificial Intelligence and Machine Learning, from Hype to Reality**
Moderator: Sara Jerving, East Africa Correspondent, **Devex**
Speakers: Amy Paul, AAAS Science and Technology Policy Fellow, Center for Digital Development.
Global Development Lab, U.S. Agency for International Development
Scott Mills, Senior Director, IT Solutions, **World Vision**
Bobby Jefferson, VP, Chief Technology Officer, **DAI Global Health**
Peris Bosire, Founder, **Farm Drive**

10.40-11.00 **Presentation: How Technology Enables Smallholder Farmers to Farm as a Business, at Scale**
Sherrie Woodring, CEO, **The Great African Food Company**

11:00 AM - 11:30 AM — Thursday, May 10

Coffee Break

Foyer

11:30 AM - 3:30 PM — Thursday, May 10

Field Visit: Drone and Equipment Demonstration

Subi Thomas and Giacomo Rambaldi
YORK Farm, Makeni, Lusaka
iDrone, John Deere

11:30 AM - 1:00 PM — Thursday, May 10

Big Discussion: Health & Nutrition

Kirsten Gagnaire, Bobby Jefferson, Leah Gatt, Natasha Sunderji, Caroline Mbindyo, Adam Slote, MD, MPH, and Nichols Gordon
Mosi Oa Tunya Auditorium
CRS, DAI, Living Goods, Digital Square, Accenture, BongoHive, Vitalwave

11:30 AM - 12:10 PM — Thursday, May 10

FieldSight: Monitoring Infrastructure in Complex Environments
Justin Henceroth
Committee Room 1
Fieldsight UNOPS

Transforming Refugee Settlements into Digitally-Connected Communities
Paul Musser
Munali Room
Mastercard

ICTs for education in Zambia (2): ICT learning spaces
Mwanza Nakawala and Rabecca Ngulube Chipoya
Tanganyika Room
Centre for Promotion of Literacy in Sub-Saharan Africa, SOS Children's Villages International

What ICT4D interventions work to improve economic growth in L&MICs: a review of impact evlauations
Annette Brown, Ph.D.
Luangwa Room
FHI360

Data4Ag with a Gender Lens
Andrew Karlyn, Martina Taverna, and Louis Graham
Muchinga Room
Mercy Corps

What happens when an industry fully embraces the Internet of Things: How agriculture became a prime example of optimizing on connected technologies
Georg Larscheid
Committee Room 3
John Deere

Comparative analysis of Smallholder farmers in Kenya, Zambia and Tanzania
Collins Marita
Boardroom 1
Mercy Corps

Building Bridges to Impact: Complementary ICT4D Collaborations between iNGOs and Universities
Paul Perrin, PhD and Thomas Marentette
Zambezi Room
University of Notre Dame (Initiative for Global Development), University of Notre Dame

Coordinating Innovation in Combating Malaria
Derek Treatman
Nyika Room
Vital Wave

FLOIP not FLOP: Seeking real-world solutions to interoperability in the ICT4D ecosystem
Mark Boots and Matthew Berg
Bamboo Boardroom
Viamo, Ona Systems Inc

Room for improvement - Insights and Experiences from NGOs and INGOs
Cat Ainsworth, Annie Legge, and Matt Haikin
Luapula Boardroom
The Dot Project

Using Open Map data to improve health and governance
Gertrude Namitala
Committee Room 2
OpenStreetMap Zambia

12:10 PM - 12:15 PM — Thursday, May 10

Transition Time

12:15 PM - 12:55 PM — Thursday, May 10

Challenges and Opportunities in the use of Blockchain during Humanitarian Response
Nicholas Anderson
Tanganyika Room
Save The Children

Chatbot for improving development programmes and humanitarian response
Kusum Hachhethu
Committee Room 1
World Food Programme

Data modeling to support project design and results: the case of Nigeria's Emergency project
Nael Jean-Baptiste
Munali Room
Save The Children

Integrating new technologies to meet demands for enhanced connectivity
Hendrik VanDerBerg
Boardroom 1
Intelsat

ICTs for education in Zambia (3): enhancing basic literacy and reading
Jacqueline P. Jere Folotiya and Kolja Wohlleben
Boardroom 2
Centre for Promotion of Literacy in Sub-Saharan Africa, Creative Associates International

What is happening on the ground? Evaluation and transparency
Charles Abani and Lydia Odeh
Luangwa Room
Chemonics International

SAP session
Carsten Friedland
Muchinga Room
SAP Africa

Social Media Use by Agricultural Extension Officers in a Resourced Constrained Environment.
Samuel Musungwini, Mr
Bamboo Boardroom
Midlands State University

Integrating Across Sectors with Mobile Money
Chris Wolff
Committee Room 2
Alpha-Wolff Consulting

Panel: From Intake to Impact: Technology for Delivering Your Mission
Shelly Erceg, Kevin Zeigler, Wilmarié Moreland, and Joey Martin
Nyika Room
SalesForce, TechnoServe, Vera Solutions

Panel: Lessons Learned from NetHope Device Challenge & NetHope's Devices for Impact Programs
Fredrik Winsnes, Gertrude Namitala, Meghann Rhynard-Geil, Zoe Dibb, and Sherri Haas
Zambezi Room
NetHope, OpenStreetMap Zambia, Mercy Corps, Management Sciences for Health, Girl Effect

Room for improvement - How can we Improve the way ICT4D Programmes are Funded and Measured?
Annie Legge, Cat Ainsworth, and Matt Haikin
Luapula Boardroom
The Dot Project

Land Tenure and Open Source Technology in Zambia
Matt Sommerville
Committee Room 3
Tetra Tech

1:00 PM - 2:00 PM — Thursday, May 10

Lunch
Main Hall, Old Wing

2:00 PM - 3:30 PM — Thursday, May 10

Big Discussion: Informed Design of DFS for women
Abel Motsomi, Paul Musser, Leah Gatt, Misozi Mkandawire-Bukali, and Catherine Highet
Mosi Oa Tunya Auditorium
Mastercard, Zoona Transactions Limited, Vitalwave, FinMark Trust

2:00 PM - 2:40 PM — Thursday, May 10

Panel: Instant Messaging Applications for Development
Maurice Sayinzoga, Hillary McCall, Boris Maguire, and Debbie Rogers
Committee Room 1
Digital Impact Alliance, Praekelt, Echo Mobile, SoukTel

Programming is complex. How do you adopt software methods designed by private sector and adapt them?
Mary Cox
Munali Room
International Rescue Committee

Future of Humanitarian Response: Collaboration and Innovation
Leila Toplic, Meghann Rhynard-Geil, and Pietro Galli
Nyika Room
NetHope, Mercy Corps, NRC

A Mobile AI Approach to Biometric Identity
Rebecca Distler
Luangwa Room
Element

Panel: Implementing Blended Learning – What does it take to make it work?
George Muyunda, Sydney Shampile, Dr, Nomsa K Siamwanza, Batista Mukemba, and Pharoah Mwaanga
Committee Room 3
JHPiego, Ministry of Health

Digitization & traceability of organic cotton value chain
Venkateshwarlu Maroju
Bamboo Boardroom
SourceTrace Systems

Going far together: Experiences of the Mlimi Hotline Farmer Call Centre, Malawi
Catherine B Mloza Banda, MSc
Boardroom 1
Farm Radio Trust

Panel: Connectivity and Human Capacity Requirements for Digital Development
Tom Koutsky, Stephen Hellen, Keith Bunyenyezi, Dawn Seymour, MPH, and Sherri Haas
Zambezi Room
NetHope, PATH, Catholic Relief Services, USAID, World Vision International

Unlocking Value from a Fragmented Data Landscape
Ryan Fisk
Muchinga Room
Mercy Corps

2:40 PM - 2:45 PM — Thursday, May 10

Transition Time

- Collaboration and Openness
- Livelihoods
- Digital Financial Inclusion
- Demonstration
- Agriculture and Environment
- Humanitarian Response
- Health and Nutrition
- Education
- Plenary
- Break
- Birds of a Feather Rountable Session
- Training Day
- Invitation Only

2:45 PM - 3:25 PM — Thursday, May 10

How to make innovation succeed at the field level
Catherine Green
Committee Room 1
Response Innovation Lab

Multiple nontraditional data sources and techniques to identify and analyze displacement situations
Leonardo Milano
Munali Room

Lusaka Women in Technology
Kathryn M Clifton
Nyika Room
Catholic Relief Services

Edutainment in Africa and systemic transformation in India
Ankur Bansal
Boardroom 1
Samagra Development Associates, MEDIAE

Internet of Things: The Game changer in healthcare service delivery
Chetna Chawla
Luangwa Room
DAI

Mobile tools and social media enhance health worker training in resource-constrained settings
Marjorie Kabinga-Makukula
Bamboo Boardroom
University of Zambia

B2B model for agro advisory service delivery to reduce payment burden on farmers
Mridul Chowdhury
Boardroom 2
mPower Social Enterprises Ltd

FarmDrive Presentation
Peris Bosire
Tanganyika Room
FarmDrive

Know your Plot - Innovating SMART Farming systems
Uziel Zontag and Shaun Ferris
Committee Room 3
Milan Innovincy B.V.

Unlocking Digital Value in South Africa's Agriculture Sector
Jolene Dawson
Committee Room 2
Accenture

Can Cross-Sector Mapping Help Us Identify Improved Development Investments
Katherine Wilson
Zambezi Room
Digital Impact Alliance (DIAL)

Open Innovation for Smart Cities
Fiifi Baidoo
Muchinga Room
iSpace Foundation

3:30 PM - 4:00 PM — Thursday, May 10

Coffee Break
Foyer

PLENARY

16.00-16.15 **Presentation: Trends and Future of ICT4D in Zambia**
Patrick Mutimushi, Director General, **Zambia Information and Communications Technology Authority (ZICTA)**

16.15-16.55 **Reflection Panel**
Moderator: Tim Unwin, Chairholder, **UNESCO Chair in ICT4D,** and Emeritus Professor of Geography at **Royal Holloway, University of London**

16.55-17.00 **Closing Remarks & Announcements**
Sonja Ruetzel, ICT4D Conference Manager, Global Knowledge & Information Management, **Catholic Relief Services**

YOUR FEEDBACK is invaluable as it allows us to further improve future conference programs.

We'd be grateful if you could take a moment and fill out the session feedback on Pathable. Thank you!

FRIDAY MAY 11: TRAINING DAY (SEPARATE EVENT)

For details about the workshops and how to register, visit www.ict4dconference.org

9:00 AM - 5:00 PM — Friday, May 11

CommCare: Advanced Application and Case Management
Saket Kanth
Dimagi

CommCare: Introduction and Applications
Anushree Banerji
Dimagi

DHIS 2 Introduction and Applications
Scott Russpatrick and Benjamin Winters
Akros, University of Oslo

The Ins and Outs of HCD: Methodologies and approach to designing your own HCD workshop
Estee Liebenberg, Talia Dweck, and Zoe Dibb
Zambezi Room
Girl Effect, Praekelt, DAI

9:00 AM - 1:00 PM — Friday, May 11

Leveraging NGO, University, and Social Venture ICT4D Partnerships for Impact

Alexandra Towns and Edward Happ
Catholic Relief Services, University of Michigan

1:00 PM - 2:00 PM — Friday, May 11

Lunch

- Collaboration and Openness
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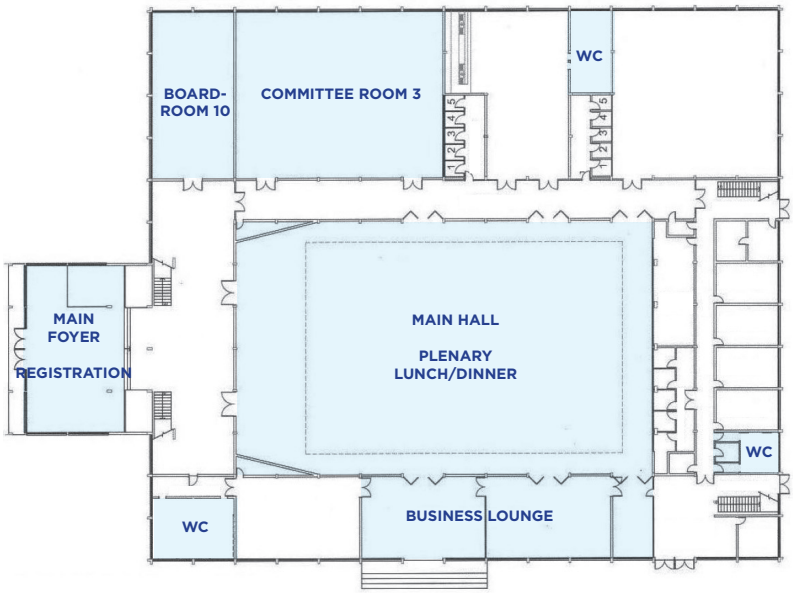
- Invitation Only

FLOOR PLAN – OLD WING

GROUND FLOOR



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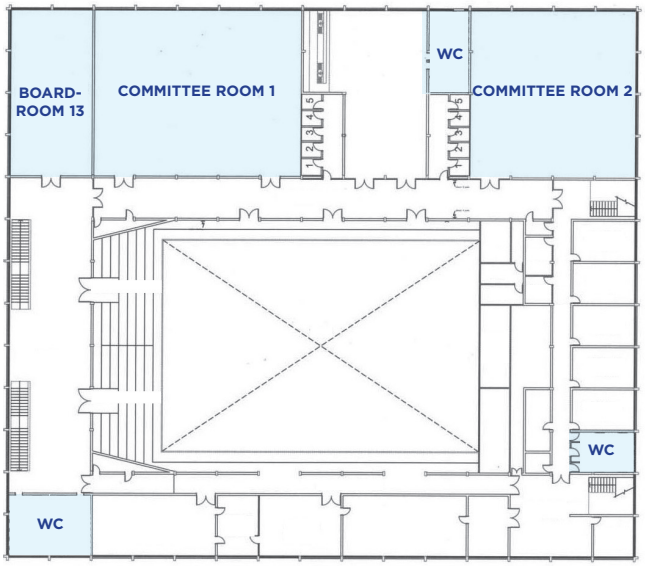

FLOOR PLAN – NEW WING

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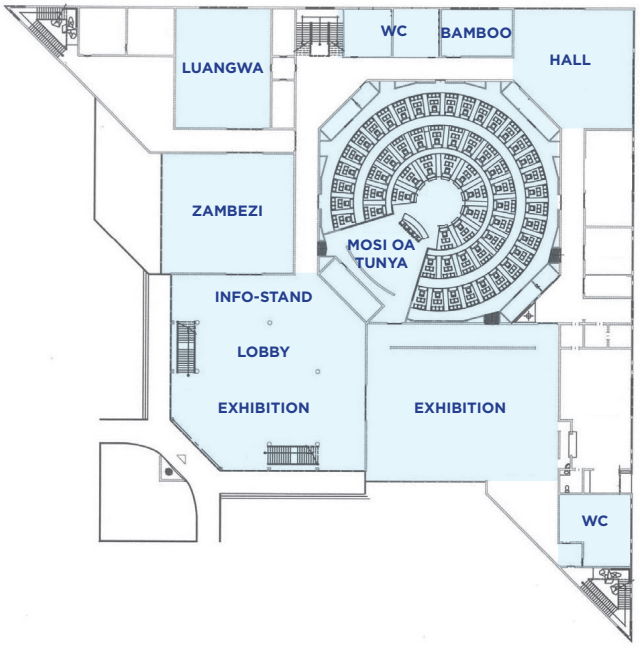

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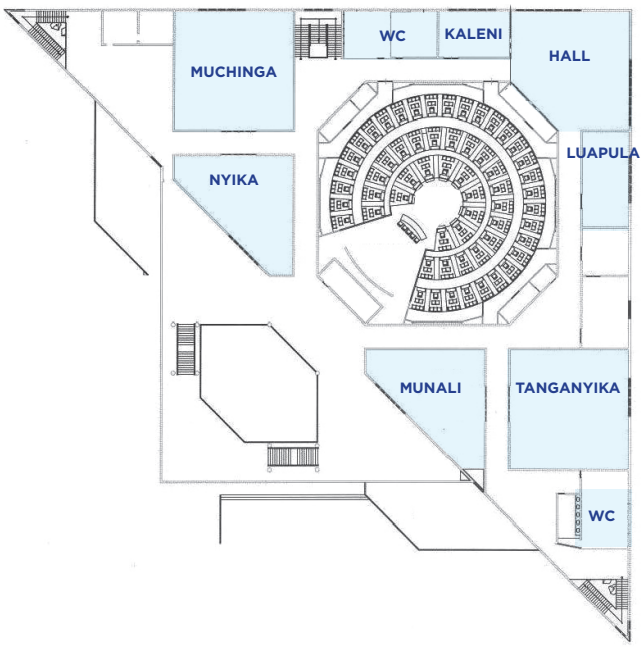
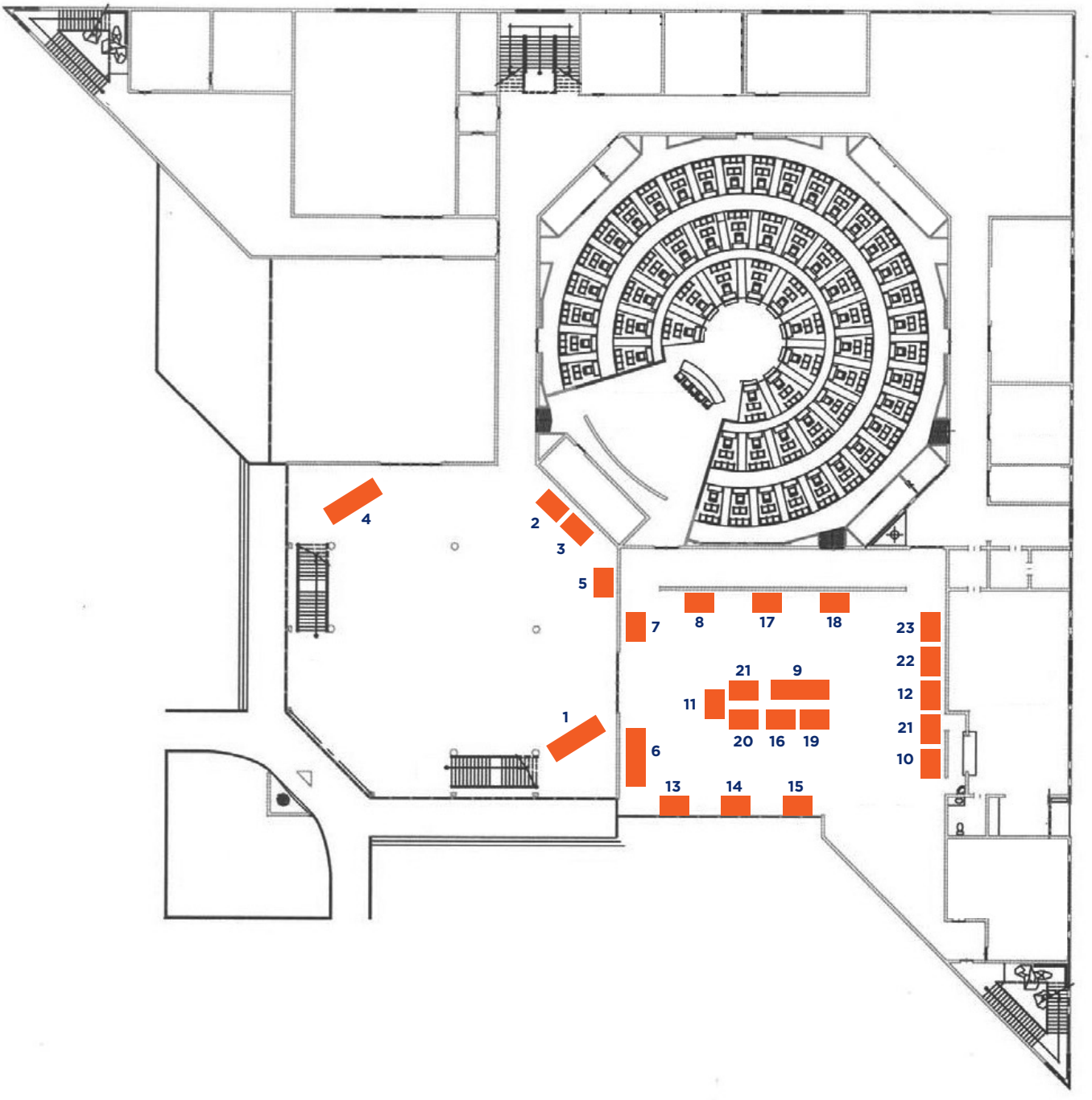


EXHIBITORS

MEDIA PARTNERS

For more information please see
www.ict4dconference.org/partners/about-our-partners/

EXHIBIT FLOOR PLAN

1. Catholic Relief Services
2. NetHope
3. Norwegian Refugee Council
4. SAP Africa
5. John Deere
6. CEC Liquid Telecom
7. Salesforce.org
8. QED Group
9. BLUETOWN
10. Akros
11. Scensei
12. FHI 360
13. CABI
14. Esri
15. Medic Mobile
16. Ona Systems
17. ICRISAT
18. Voltaic Systems
19. Motorola Solutions
20. Barclays Africa
21. Cellulant
22. Dimagi
23. Akvo Foundation