

Mobile Phone enabled Diagnostics for Infectious Disease Diagnosis


Setting the Scene for low-cost mobile diagnostics in East Africa

Remote workshop 1 – Programme at a glance.

Friday 26th June

10-3pm UK time ; 12-5pm in Tanzania and Uganda.



Welcome	Professor Jonathan Cooper (University of Glasgow)	10:00 – 10:05
Introductions of the network participants	Network Investigators	10:05 – 10:20
<ul style="list-style-type: none"> • <i>Current position</i> • <i>Brief statement on what is the importance of mobile tech in your field ?</i> <p><2 min each.</p>		
Introduction of the network objectives	Professor Jonathan Cooper	10:20 – 10:30
<ul style="list-style-type: none"> • <i>The DIDA framework</i> • <i>Aims of the grant/workshop</i> 		
Plenary Talk <i>30 min talk ; 30 min Q&A</i>	Dr. Joe Fitchett (Mologic)	10:30 – 11:30
<p><i>A strategy for delivering low cost diagnostic sensors for Neglected Tropical Diseases in LMICS</i></p> <p><i>Before joining Mologic, where he oversees our clinical and global health activities, Joe was a program officer at the Bill & Melinda Gates Foundation, where he advanced its bilateral partnerships with EU donors, including the manufacturing capacity of yellow fever vaccine and infectious disease surveillance and control at the Institut Pasteur in Dakar. Previously he was a Frank Knox Fellow in public health and infectious disease epidemiology at Harvard University, focusing on the impact of global policy on vaccines, drugs, and access to health technologies.</i></p>		
		
Introduction to Breakouts	Jon Cooper	11:30 – 11:35
Session Break		11:35 – 12:30
Parallel Breakout sessions Defining the Gaps	Breakout facilitators	12:30 – 13:25
<ul style="list-style-type: none"> - <u>Health technologies impact</u> <p>Understanding the economic drivers for mobile diagnostic devices in both rural and urban communities.</p>	<p>Mrs. Philippa Ngaju Makobore <i>(Uganda Industrial Research Institute)</i></p> <p>Professor Emma McIntosh <i>(University of Glasgow)</i></p>	
<ul style="list-style-type: none"> - <u>Diseases and their impact</u> <p>Using mobile diagnostics to reduce the impact of disease: Where will mobile diagnostics be most effective? Which diseases or combinations of diseases?</p>	<p>Professor Joram Buza <i>(The Nelson Mandela African Institution of Science and Technology)</i></p> <p>Dr Poppy Lamberton <i>(University of Glasgow)</i></p>	

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- <u>R&D and validation</u> What are the challenges in delivery of mobile diagnostics in East Africa?	Dr Tim Ryan (<i>Epigem</i>) Dr Robert Ssekitoleko (<i>Makerere University</i>)	
- <u>OneHealth</u> The applications of mobile technologies in animal health, food security & safety, and understanding zoonotic infections in human health.	Professor Joseph Erume (<i>Makerere University</i>) Dr Julien Reboud (<i>University of Glasgow</i>)	
Reporting back	Breakout facilitators	13:25 – 14:25
<i>5 min per breakout room, + 10 min Q&A</i>		
Closing remarks	Jon Cooper	14:25 – 14:30
<i>Summary of findings & thanks Outline of the next workshops</i>		

Notes:

Proposed structure for breakout sessions:

- Intro 5 min
- Brainstorming (20min) – using Miro or Zoom whiteboard or simply share screen.
- Condensing and discuss outcomes of brainstorm (15min)
- Reporting preparation (10 min): Draft 2 key questions for the future workshops

Future Workshops proposals

Workshop 2: Early Career Researchers and Capacity Strengthening

A dedicated session of the 2nd workshop will be designed and delivered by early career researchers around lessons learnt and future activities in capacity strengthening beyond this first seed phase.

Invited talk from Professor Dan Haydon (University of Glasgow) on capacity strengthening initiatives – lessons learnt.

Workshop 3: The Role of ICT, Decision Support and Block Chain

Plenary Talk from Peter (Ona)

Workshop 4: Drawing Conclusions.

Talks from Tim & Philippa