

Draft Programme

Day 1 – Thursday 25 October:

Time **Item**
(BST)

08:30 **Registration and morning refreshments**

09:00 **Welcome – Tamar Ghosh**, Chief Executive Officer, Royal Society of Tropical Medicine and Hygiene (RSTMH)

09:15 **Session 1: Keynote talks - Introducing AI in Global Health, concepts, applications, challenges and opportunities**

Chaired by Tamar Ghosh, CEO, RSTMH

- **Professor Rifat Atun**, Professor of Global Health Systems, Harvard University (Recording)
- **Professor Sanjay Kinra**, Professor in Clinical Epidemiology, LSHTM

10:20 **Morning break**

10:50 **Session 2**

Chair: **Professor Margaret Gyapong**, Professor of Applied Health Social Science and Global Health and Joint President, RSTMH

Abstract presentations

Adaptive early warning systems for malaria outbreaks amid climate change

- **Michele Nguyen**, Assistant Professor, Lee Kong Chian School of Medicine and School of Physical & Mathematical Sciences, Singapore

Impact of SMS-based interventions on contraceptive uptake and family planning utilization in Sub-Saharan Africa: A systematic review and meta-analysis

- **Victor Femi-Lawa**, Medical Student and Global Health Researcher, University of Ibadan, Nigeria

Panel: Ethics and Regulations

- **Rohit Malpani**, Consultant on AI in health, AMR, and access to medicines, WHO
- **Carleigh Krubiner**, Bioethics Lead, Wellcome Trust
- **Sian White**, Director of Programmes, ELHRA
- **Dr Peiling Yap**, Chief Scientist, HealthAI

12:20 **Lunch**

13:00 **Career drop-in sessions**

13:50 **Session 3**

Chair: **Sarah Rafferty**, International Stakeholder Engagement Lead, UK Office for National Statistics and RSTMH Vice President

Panel: Impact of AI on universities and research groups

- **Professor Liam Smeeth**, Director of the London School of Hygiene and Tropical Medicine (LSHTM) and Professor of Clinical Epidemiology
- **Professor John O. Gyapong**, Secretary General, African Research Universities Alliance (ARUA)
- **Professor George M. Varghese**, Professor and Head of Department of Infectious Diseases, CMC Vellore
- **Dr Buddha Basnyat**, Chairman of the Oxford University Clinical Research Unit in Nepal
- **Professor Olaoluwa Pheabian Akinwale**, Director of NTD Research/Deputy Director-General, Nigerian Institute for Medical Sciences

15:00 Afternoon break

15:30 Session 4

Panel - The use of AI in research and development for Global Health

- **Dr Gita Khalili Moghaddam**, Principal Investigator, Department of Clinical Neurosciences, University of Cambridge.
- **Dr William Wasswa**, Biomedical Engineer and Senior Lecturer, Mbarara University
- **Dr Craig Tipple**, Medical Director, DNDi.
- **Danielle Belgrave**, Vice President of AI and Machine Learning, GSK

16:30 Medals and Awards Ceremony

17:00 Annual General Meeting for RSTMH members and Fellows only

Reception starts for non-members and Fellows

18:00 Networking and drinks reception (all)

Day 2 – 26 September:

**Time Item
(BST)**

08:30 Registration and morning refreshments

09:00 Welcome

Tamar Ghosh, CEO, RSTMH

09:10 Session 1

Chair: **Professor Chris Parry**, Senior Clinical Lecturer at the Liverpool School of Tropical Medicine

Announcement on the RSTMH Special Collection on AI in Global Health

- **Professor Nick Day**, Editor-in Chief, *Transactions*
- **Rohit Malpani**, Consultant on AI in health, AMR, and access to medicines, WHO
- **Thomas Pinfield**, Managing Editor, RSTMH

Impact of AI on Scientific Publishing

- **Julia McDonnell**, Director of Journal Product, Oxford University Press

Abstract presentations

- **Halimat Olaniyan**
- **Dr Ida Viktoria Kolte**

10:35 Morning break – refreshments and networking

10:30 **Session 2**

Chair: **Professor Kathryn Maitland**, Professor of Paediatric Tropical Infectious Diseases at the Faculty of Medicine and Director of the ICARE Centre at the Global Centre of Health Innovation, Imperial College, London

- **Panel: Implications of AI for healthcare delivery**
- **Olufemi O. Adewole**, Professor/Consultant Physician and Pulmonologist, Obafemi Awolowo University
- **Louise Thwaites**, Associate Professor, clinical researcher and member of the Emerging Infections group at OUCRU and Associate Professor in the Centre for Tropical Medicine and Global Health at the University of Oxford
- **Jen Perkins**, Programme Manager, MSF AI Accelerator
- **Professor Sanjay Kinra**, Professor in Clinical Epidemiology, LSHTM

12:00 **Short talk: How AI and Big Data can Improve Epidemiology**

Luca Ferretti, Researcher, Oxford Big Data Institute

12:30 **Lunch – poster presentations, mentoring & career advice**

13:00 **Career drop-in sessions**

14:00 **Session 3**

Short talk: TBC

Short talk: Case Studies of AI being used in prevention and treatment programmes across the world

- **Louise Thwaites**, Associate Professor, clinical researcher and member of the Emerging Infections group at OUCRU and Associate Professor in the Centre for Tropical Medicine and Global Health at the University of Oxford
- **Dr Charles Cleland**, Ophthalmologist and clinical research fellow, International Centre for Eye Health, LSHTM
- **Dr Bhargavi Rao**, Strategic Lead for Research, Médecins Sans Frontières and Associate Professor in Humanitarian Health, LSHTM

15:45 **Afternoon break – refreshments and networking**

16:15 **Session 4**

Panel: RSTMH's role in AI for Global Health and its priorities

17:00 **Close**