

# Africa Innovates

**Wednesday 16th July 2025, 15:00 - 19:00**

**Sir Alexander Fleming Building, Room G16 - Imperial's South Kensington Campus.**

Africa Innovates is a conference that aims to promote internal collaborations between Africa-focused Science, Policy and Education initiatives at Imperial and build bridges with external partners, focusing specifically on STEMB (Science, Technology, Medicine and Business). Africa Innovates cultivates an interdisciplinary dialogue for key researchers, shapers, and decision-makers to explore innovative ideas of how to address some of the grand challenges that African societies are facing today.

## OPENING REMARKS

15:00 Prof. Faith Osier - Faculty of Natural Sciences  
'Transforming Health in Africa'

## SCIENCE TALKS

15:10 Prof. Casper Nyamukondiwa - Biological Sciences and Biotechnology  
'Agroecology and insect-protein for inclusive climate smart livestock systems'

15:25 Prof. Anthony Bull - Faculty of Engineering  
'Reconstruction and Rehabilitation: Examples of frugal healthcare technologies'

15:40 Dr. Jamilah Meghji - Faculty of Medicine  
'From Silos to Systems: Rethinking Respiratory Care in Africa'

15:55 Mary Adeturinmo - Imperial Sickle Cell Group  
'Beyond the Gene: Collaborative Frontiers in Sickle Cell Research'

16:10 Prof. Aubrey Cunningham - Faculty of Medicine  
'Digital Diagnostics for Africa - More than Filling a Gap'

16:25 Prof. Martin Dallimer - Faculty of Natural Sciences  
'Ecosystem Restoration in Northern Nigeria'

## REFRESHMENT BREAK



**LIGHTENING-IMPACT TALKS**

- 17:10 Prof. James Seddon - Faculty of Medicine  
'CAPTURE: Catalysing Artificial Intelligence for Paediatric Tuberculosis Research'
- 17:20 Dr Felicity Fitzgerald - Faculty of Medicine  
'Rethinking Neonatal Sepsis in Southern Africa'
- 17:30 Itai Dzinotiwei - Business School  
'Empowering Students, Impacting Africa: A New Model for Change'
- 17:40 Andrew Sheat - Rhynco (Imperial spin-off company)  
'How insects can fuel sustainability in palm oil'
- 17:50 Dr Onesmus Mwabonje- Faculty of Natural Sciences  
'Designing Inclusive Climate Futures: The Case of Kenya's 2050 Emission Reduction Tool'
- 18:00 Dr Laure Sione - Faculty of Engineering  
'From Exclusion to Empowerment: Engineering a New Path for Women in Africa'
- 18:10 Dr Adirà Junyent-Ferré - Faculty of Natural Sciences  
'Are electric vehicles the enabler of clean cooking? - An overview of the Moving IMPACT project.'
- 18:20 Birhan Abtew - Faculty of Medicine  
Geshiyaro Project: Pushing the Limits of Disease Elimination

**CLOSING REMARKS**

- 19:00 Washington Ochieng - Faculty of Engineering



Co-organised by Dr Sunday Popo-Ola, Dr Onesmus Mwabonje, and Dr Tim Weiss.

With sincere thanks for their leadership and commitment in organising this programme.