

View the agenda

Day 1, Wednesday 21 May 2025

Time (EAT)	Session
7:45 – 8:45	Closed session: Science systems futures Advisory Council meeting
9:00	Departure: Bus to AAS
10:00 – 10:30	Coffee break
10:30 – 11:00	Welcome and start <ul style="list-style-type: none">– Dr Peggy Oti-Boateng, African Academy of Sciences– Mr Ian Thomson, International Development Research Centre– Dr Vanessa McBride, International Science Council– Introductions
11:00 – 11:15	Scope of the workshop <ul style="list-style-type: none">– Prof. David Castle, Chair of the Science Systems Futures project
11:15 – 12:00	Plenary: Expert presentations on emerging technologies <ul style="list-style-type: none">– Connectivity technologies 1 (Prof Marco Di Renzo)– Connectivity technologies 2 (Dr Bridget Mutuma)– Robotic & AI (Dr Kais Hammami)– Data storage, management, (Prof Muliaro Wafula)– Virtual Reality (Dr Lucia Marchetti)
12:00 – 13:00	Breakout groups: Technology profiles In four breakout groups we will explore the above technologies Chair: Zhenya Tsoy, International Science Council
13:00 – 14:30	Lunch and networking
14:30 – 15:00	Breakout groups: Technology profiles (continued)
15:00 – 16:00	Report back from breakout groups and consolidation of technology profiles Chair: Zhenya Tsoy, International Science Council
16:00 – 16:30	Coffee break
16:30 – 17:30	Plenary: Implications for science systems <ul style="list-style-type: none">– Prof. Sarah de Rijcke– Prof. Ngom D. Balla

Time (EAT)	Session
	<p>Group discussion on potential implications of these technologies for science systems</p> <p>Chair: Dr Dureen Samandar Eweis</p>
17:30	Wrap up and close of Day 1
19:30	Group dinner – Sheraton Four Points

Day 2, Wednesday 22 May 2025

Time (EAT)	Session
9:15 – 9:30	Reflections from Day 1 and scene-setting
9:30 – 11:00	<p>Open session: Technologies in action</p> <ul style="list-style-type: none"> – Introduction – Dr Vanessa McBride (ISC) – Dr Emna Harigua (Tunisia) “Artificial intelligence for Drug Discovery: Success stories and lessons learned” – Dr Laty Gaye Thiam (Senegal) “Malaria Vaccine Development: Leveraging Genomics and Structure-guided Antigen Design” – Dr Chinwe Chukwudi Uzoma (Nigeria) “Ending the Neglect: Shining the Light on Human African Trypanosomiasis with Molecular Diagnostics” – Prof David Dodoo-Arhin (Ghana) “Turning Waste into Wealth: Harnessing Plastic Waste Conversion Technologies for Sustainable Innovation in Africa” – Dr Bridget Mutuma (Kenya) “Harnessing Nanotechnology and IoT for the Detection and Removal of Emerging Pollutants” <p><u>REGISTER TO JOIN ONLINE</u></p> <p>Chair: Dr Dureen Samandar Eweis</p>
11:00 – 11:30	Coffee break
11:30 – 13:00	<p>Open session: Scaling for impact and success in science systems in the Global South.</p> <ul style="list-style-type: none"> – Benefits of regional and/or cross-disciplinary collaboration. <p>Chair: Prof David Castle</p>

Time (EAT)	Session
13:00 – 14:30	Lunch and networking
14:30 – 16:00	<p>Plenary: Intersections between science and industry, private sector</p> <ul style="list-style-type: none"> – Presentation from LIFES (Dr Eric Schultes) – Start-up and university research partnerships (Ian Thomson) – Open discussion on barrier, mechanisms, existing and new initiatives. <p>Chair: Dr Derrick Swartz</p>
16:00 – 16:30	Coffee Break
16:30 – 17:30	<p>Discussion</p> <ul style="list-style-type: none"> – Discussion on primary deliverable – Suggested next steps – Options for continued dialogue and peer-learning <p>Chair: Prof. David Castle</p>
17:30	Closing and vote of thanks