



12<sup>th</sup> UNESCO Africa  
Engineering Week &  
10<sup>th</sup> African Engineering  
Conference



# PROGRAM OVERVIEW

DAY 1: SUNDAY | 13<sup>th</sup> September 2026

## ARRIVAL, REGISTRATION WELCOME & NETWORKING DAY

| Time        | Description                                                                                                       | Responsible/Presenter     |
|-------------|-------------------------------------------------------------------------------------------------------------------|---------------------------|
| 07:00–18:00 | Arrival, Registration, Networking & Exhibition Visit                                                              | Conference Secretariat    |
| 08:00-16:00 | Side Event: Launch UNESCO Global Engineering Report Version 3                                                     | UNESCO                    |
| 16:00–17:00 | FAEO Executive Committee Meeting – Closed Session                                                                 | Steering Committee        |
| 18:00–20:00 | Official Welcome Cocktail Reception – Southern Sun Hotel                                                          | IET / LOC                 |
|             | Welcome remarks and introduction of international delegates                                                       | IET President / LOC Chair |
|             | Networking and informal engagement with FAEO, UNESCO/WFEO representatives, delegates, partners and invited guests | All Invited Guests        |
| 20:00       | Close of Welcome Reception                                                                                        |                           |

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# DAY 2: MONDAY | 14<sup>th</sup> September 2026

EVENT MANAGER:

Adv. Sara Mhamilawa

Ms. Catherine Kazinja



Rapporteurs: Dr. Eng. Alice Bakera; Eng. Leah Marwa; Eng. Upendo Minja

## 9<sup>th</sup> AFRICAN WOMEN IN ENGINEERING FORUM (AWEF) & YOUNG ENGINEERS FORUM

| TIME        | SELOUS HALL (600 Pax) – WOMEN IN ENGINEERING / YOUNG ENGINEERS                                                                                                                                                                               | RESPONSIBLE                           |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| 07:00–08:30 | Breakfast Snack, Registration, Networking & Exhibition Visit                                                                                                                                                                                 | Secretariat / ALL                     |
| 08:30–08:35 | Welcome Remarks - Chairperson IET-WC                                                                                                                                                                                                         | Dr. Eng. Zainab Katima                |
| 08:35–08:40 | Opening Address/ AWEF overview – Chair, FAEO Women in Engineering                                                                                                                                                                            | Ing. Naa Lamkai Quaye-Ballard         |
| 08:40–08:45 | Remarks – President, FAEO                                                                                                                                                                                                                    | Eng. Refilwe Buthelezi                |
| 08:45–08:50 | Introduction of Special guest (Chairperson and Keynote Speaker)                                                                                                                                                                              | MC: Adv. Sarah Mhamilawa              |
| 08:50–08:55 | Chairperson's Remarks                                                                                                                                                                                                                        | Engr Yetunde Halloway                 |
| 08:55–09:20 | <b>KEYNOTE ADDRESS:</b> <i>Women in Engineering Leadership for Africa's Transformation</i>                                                                                                                                                   | Eng. Mwajuma J. Waziri, Tanzania      |
| 09:20–09:40 | <b>Presentation 1:</b> <i>Leadership and Women in Engineering Empowerment</i>                                                                                                                                                                | Eng. Valerie Agberagba, FNSE          |
| 09:40–10:20 | <b>PANEL DISCUSSION:</b> <i>Closing the Leadership and Gender Gap – Mentorship, Policies &amp; Opportunities</i><br><b>Panelists:</b> Dr. Eng. Jaquiline M. Masaki; Engr. Dr. Aishatu Aliyu Umar; Eng. Tumelo Gopane; Eng. Edith M. Munungwe | Moderator: Juliet Gbormittah, Ghana   |
| 10:20–10:30 | Official Group Photograph                                                                                                                                                                                                                    | ALL                                   |
| 10:30–10:40 | Sponsor / Partner Showcase                                                                                                                                                                                                                   | Sponsor / Partner                     |
| 10:40–11:10 | FAEO Women in Engineering Committee Updates                                                                                                                                                                                                  | Eng Agnes Mofya Mwansa, Zambia        |
| 11:10–11:30 | <b>Presentation 2:</b> <i>Inclusive Engineering Workplaces – Building Cultures that Thrive</i>                                                                                                                                               | Eng. Linda Moseki-Letshwiti, Botswana |
| 11:30–12:00 | <b>Cross-Cutting Talk:</b> <i>Mental Health in Engineering Careers</i>                                                                                                                                                                       | Dr. Garvin Kweka, Tanzania            |
| 12:00–12:10 | <b>Presentation 3:</b> <i>Engineering Innovation for the Sustainable Development Goals</i>                                                                                                                                                   | Eng. Amani Khodeir, Egypt             |
| 12:10–12:30 | <b>Stories from the Field:</b> Eng. Atuletye B. Mwamila, Tanzania; 2. Women in Engineering Innovation Award Winner/Eng. Sophia B. Tekie                                                                                                      |                                       |



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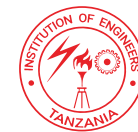


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## DAY 2: MONDAY | 14<sup>th</sup> September 2026



| TIME          | SELOUS HALL (600 Pax) – WOMEN IN ENGINEERING / YOUNG ENGINEERS                                                                                                                                                 | RESPONSIBLE                                             |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| 12:30–12:50   | <b>Open Forum:</b> <i>Inclusive Engineering Leadership – Empowering Women to Drive Africa’s Sustainable Future</i>                                                                                             | <b>Host:</b> Eng. Joan Nweke, Nigeria                   |
| 12:50 – 13:00 | Presentation of certificates                                                                                                                                                                                   |                                                         |
| 13:00–14:00   | Networking Lunch & Exhibition Visit                                                                                                                                                                            | ALL                                                     |
| 14:00 – 14:10 | Opening of the Forum                                                                                                                                                                                           | MC: Ms. Caroline Mwinuka                                |
|               | Welcome by the Master of Ceremonies                                                                                                                                                                            | IET YEC Chairperson, Eng Matco Turuka                   |
|               | Introduction of the Forum Theme and Objectives                                                                                                                                                                 |                                                         |
| 14:10 – 14:20 | Welcome Remarks                                                                                                                                                                                                | FAEO President, Eng. Refilwe Buthelezi                  |
| 14:20 – 14:30 | <b>Opening Address:</b> Engineering Excellence for Africa's Transformation                                                                                                                                     | FAEO YEC Chairperson, Eng. Joelson de Matos             |
| 14:30 – 14:45 | <b>Presentation:</b> Building Inclusive Nations: Empowering Women in STEM to Lead Innovation, Sustainability, and the Future                                                                                   | Eng. Takalani Netshipale (FAEO YEC / ECSA)              |
| 14:45 – 15:15 | <b>PANEL DISCUSSION:</b> Youth Entrepreneurship and Green Technology Incubation<br><b>Panelist:</b> Eng. Baraka Merero; Eng. Adenike Ajayi; Eng. Obinna Browne                                                 | Moderator: Eng. Lightness Mrema                         |
| 15:15 – 15:25 | Questions & Discussion                                                                                                                                                                                         | Engr. Zaharadeen Isah Nayaya (MNSE)                     |
| 15:25 – 15:35 | Networking & Coffee Break                                                                                                                                                                                      | All Participants                                        |
| 15:35 – 15:50 | Engineering Initiatives / Projects Led by Young Engineers / Students                                                                                                                                           | IET YEC; SAICE; Eng Samuel Mabiala; Ms. Davina Valerian |
| 15:50 – 16:00 | PMI Youth Summit                                                                                                                                                                                               | PMI Youth Summit Coordinator<br>Mrs Cláudia Matoso      |
| 16:00 – 16:30 | <b>High-Level Roundtable:</b> Circular Economy: Agro-Waste and E-Waste Valorization<br><b>Panelist:</b> Eng. Tim Wong, CESGA; Eng. Dlozi Mnisi, SAICE; Eng. Mbusule Ernest; Eng. Grayson Julius, iPF Softwares | Moderator: Helga Teixeira                               |
| 16:30 – 16:50 | <b>Interactive Audience Dialogue:</b> Open discussion with all speakers and participants on the future of young engineers in Africa and adoption of key recommendations.                                       | Moderator: Helga Teixeira                               |
| 16:50 – 17:00 | Closing Remarks                                                                                                                                                                                                | FAEO YEC<br>Vice-chairperson Eng. Akaijuka Henry        |
| 17:00–18:00   | <b>BREAK / PERSONAL PREPARATION / MAKE-UP / TRANSITION TO EVENING CEREMONY</b>                                                                                                                                 | Secretariat / ALL                                       |
| 18:00–22:00   | <b>10<sup>th</sup> AWEF AWARDS &amp; MAMA MHANDISI AWARDS CEREMONY</b>                                                                                                                                         | Invited Delegates                                       |





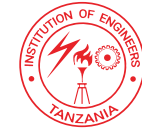


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**DAY 3: TUESDAY | 15<sup>th</sup> September 2026**

**EVENT MANAGER:**

**Eng. Ngwisa Mpembe**



**Rapporteurs: Dr. Eng. Yona Kimori; Eng. Leah Marwa; Eng. Upendo Minja**

**VENUE: SELOUS HALL (600 Pax) | HIGH-LEVEL OPENING CEREMONY & PLENARY SESSIONS**

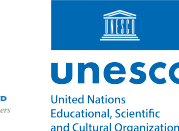
| TIME        | ACTIVITY                                                    | RESPONSIBLE / PRESENTER |
|-------------|-------------------------------------------------------------|-------------------------|
| 07:00–08:30 | Registration, Networking & Exhibition Visit                 | Conference Secretariat  |
| 08:30–08:45 | Arrival of Dignitaries and Guest of Honour                  | Protocol                |
| 08:45–08:50 | Entry of Guest of Honour & Dignitaries                      | Protocol                |
| 08:50–08:55 | National Anthem of Tanzania & EAC Anthem                    | Brass Band              |
| 08:55–09:00 | IET Prayer                                                  | Chairperson, LOC        |
| 09:00–09:15 | Welcome Remarks, Conference Outlook and Overview            | President, IET          |
| 09:15–09:25 | Remarks by UNESCO                                           | UNESCO DG               |
| 09:25–09:35 | Remarks by WFEO                                             | President, WFEO         |
| 09:35–09:45 | Remarks by FAEO                                             | President, FAEO         |
| 09:45–09:55 | Remarks by African Union                                    | AU Representative       |
| 09:55–10:15 | Address by the Minister & Welcoming GoH                     | Hon. Minister for Works |
| 10:15–10:40 | Official Opening Address                                    | Guest of Honour         |
| 10:40–10:50 | Recognition of Platinum, Gold Sponsors & Strategic Partners | Guest of Honour & LOC   |
| 10:50–11:00 | Official Group Photo                                        | Protocol & Secretariat  |
| 11:00–11:15 | Exhibition Visit by Guest of Honour & Dignitaries           | Dignitaries             |
| 11:00–11:30 | Networking Tea Break & Exhibition Visit                     | All Delegates           |







|             |                                                                                                                                                          |                                                                                                                                                                                                                                                                             |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11:15–11:30 | <b>Opening Keynote:</b> <i>Engineering Africa's Inclusive, Innovative and Sustainable Future – Delivering Agenda 2063 through Engineering Leadership</i> | H.E. Wamkele Mene, Secretary-General, AfCFTA                                                                                                                                                                                                                                |
| 11:30–12:30 | <b>HIGH-LEVEL MINISTERIAL &amp; CEO ROUNDTABLE:</b><br><i>Engineering Africa's Transformation – From Policy to Delivery</i>                              | <b>Moderator:</b> Eng. Ngwisa Mpembe, Tanzania                                                                                                                                                                                                                              |
|             | <b>Focus:</b> Infrastructure Financing; Energy Access/Mission 300; Industrialisation; Digital Transformation & Regional Integration; STEM                | <b>Panel:</b> Hon. Prof. Paul Mavima, Minister for National Housing and Social Amenities, Zimbabwe; Eng. President TC Madikane; H.E. Dr. Seng Chuan Tan; Eng. Trudy Morgan<br><b>Contributors;</b> Regional Presidents of FAEO, National Members Presidents, and FAEO Board |
| 12:30–13:00 | Interactive Discussion, Audience Questions                                                                                                               | Moderator                                                                                                                                                                                                                                                                   |
| 13:00–14:00 | Closed Lunch – Ministerial & CEO Delegates                                                                                                               | By Invitation                                                                                                                                                                                                                                                               |
| 13:00–14:00 | Networking Lunch & Exhibition Visit                                                                                                                      | All Delegates                                                                                                                                                                                                                                                               |
| 14:00–14:45 | <b>PLENARY 1:</b> Water, Environment & Natural Resources                                                                                                 | <b>Moderator:</b> Eng. Peterson Mwesiga, Uganda                                                                                                                                                                                                                             |
|             | <b>Focus:</b> IWRM; Multipurpose Dams; Waste Management & Circular Economy; Climate Change & Biodiversity; Sustainable Sanitation                        | <b>Panel:</b> Dr. Eng. Joseph Mtamba; Dr. Eng. Richard Kimwaga; Eng. Lesetja Boshomane; Ms. Hellena Sailas                                                                                                                                                                  |
| 14:45–15:00 | Interactive Q&A                                                                                                                                          | Moderator                                                                                                                                                                                                                                                                   |





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## DAY 3: TUESDAY | 15<sup>th</sup> September 2026

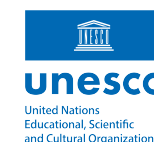


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|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 15:00–15:45 | <b>PLENARY 2:</b> Climate-Resilient Infrastructure – Sustainable Cities & Adaptive Infrastructure for Africa's Urban Future                                    | <b>Moderator:</b> Eng. Eric Ohaga, Kenya                                                             |
|             | <b>Focus:</b> Climate-resilient transport; Infrastructure Financing; Green Buildings; Resilient Cities; Nature-Based Solutions; Resilient Water Infrastructure | Panel: Dr. Bola Mudasiru; Eng. Machibya Masanja; Eng. Martin Kalibbala                               |
| 15:45–16:00 | Interactive Q&A                                                                                                                                                | Moderator                                                                                            |
| 16:00–16:45 | <b>PLENARY 3:</b> Digital Transformation, AI & Smart Engineering Systems for Knowledge-Based Economies                                                         | <b>Moderator:</b> Eng. Prof. William Msekiwa Goriwondo, Zimbabwe                                     |
|             | <b>Focus:</b> AI; Digital Twins; Smart Cities; BIM; Automation; Smart Manufacturing; Cybersecurity; Big Data Analytics                                         | <b>Panel:</b> Dr. Eng. Dennis Mwigghusa; Eng. Rose Funja; Eng. Agnes Mofya; Eng. Kgomotso Setlhapelo |
| 16:45–17:00 | Interactive Q&A                                                                                                                                                | Moderator                                                                                            |
| 18:00       | <b>END OF DAY 3</b>                                                                                                                                            |                                                                                                      |

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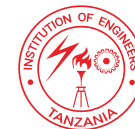




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## DAY4: WEDNESDAY | 16<sup>th</sup> September 2026

**PARALLEL TECHNICAL PROGRAMME – THREE BREAKOUT ROOMS**  
Selous Hall – 250 Pax | Meru Hall – 150 Pax | Mkomazi Hall – 100 Pax



| TIME        | SELOUS HALL – 250 PAX                                                                                                                                                                                                           | MERU HALL – 150 PAX                                                                                                                                                               | MKOMAZI HALL– 100 PAX                                                                                                                                                                                                             |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 07:00–08:30 | Registration, Networking & Exhibition Visit                                                                                                                                                                                     | Registration, Networking & Exhibition Visit                                                                                                                                       | Registration, Networking & Exhibition Visit                                                                                                                                                                                       |
|             | <b>CLIMATE-RESILIENT INFRASTRUCTURE</b>                                                                                                                                                                                         | <b>WATER &amp; ENVIRONMENT</b>                                                                                                                                                    | <b>GENDER AND YOUTH INNOVATION</b>                                                                                                                                                                                                |
|             | <b>Session Chairs:</b> Dr. Eng. Catherine Mushi, Tanzania & Eng. David Kamungu, Zambia<br><b>Rapporteur:</b> Eng. Leah Marwa                                                                                                    | <b>Session Chairs:</b> Eng. Alvin Rujweka, Tanzania & Eng. Tshitso Tamane, South Africa<br><b>Rapporteur:</b> Eng. Upendo Minja                                                   | <b>Session chairs:</b> Eng. Lina Njau, Tanzania & Eng. Christina Magabe, South Africa<br><b>Rapporteur:</b> Dr. Eng. Alice Bakera                                                                                                 |
| 08:30–08:50 | <b>Paper 1:</b> <i>Engineering Circular Infrastructure: Transforming Platinum Smelter Slag and End-of-Life Tyres into High-Performance Road Surfacing Materials</i><br><b>Presenter:</b> Michael Mutiri et al.                  | <b>Paper 1:</b> <i>Assessing the Hydrogeological Suitability of a Gully for Rainwater Harvesting and Smart Irrigation in Mafinga</i><br><b>Presenter:</b> Karoli James Lue et al. | <b>Paper 1:</b> <i>Reimagining Institutional Pathways for Women in Engineering Leadership within the Engineering Ecosystem</i><br><b>Presenter:</b> Adenike Sandra Ajayi                                                          |
| 08:50–09:10 | <b>Paper 2:</b> <i>Evaluating the Performance of Sustainable Urban Drainage Systems (SUDs) as Green Infrastructure for Climate-Resilient and Sustainable Cities in South Africa</i><br><b>Presenter:</b> Nolwazi Sosibo         | <b>Paper 2:</b> <i>Use of Multi-Criteria Decision Analysis to Prioritize Water Quality Pollution Control Strategies in Mwanza Gulf</i><br><b>Presenter:</b> Richard J. Kimwaga    | <b>Paper 2:</b> <i>Modelling Energy Democracy and Inclusive Participation of Women and Youth in Africa: A System Dynamics Approach to Employment Creation and Energy Poverty Alleviation</i><br><b>Presenter:</b> Lebogang Moloto |
| 09:10–09:30 | <b>Paper 3:</b> <i>Engineering Sustainable Construction Materials from Recycled Tyres for Climate-Resilient Urban Infrastructure in Africa</i><br><b>Presenter:</b> Arnold Kimaru Kandie                                        | <b>Paper 3:</b> <i>Historical and Future Climate Variability in the Upper Akagera Catchment</i><br><b>Presenter:</b> Mugisha Jean Baptiste et al.                                 | <b>Paper 3:</b> <i>Smart Inclusive Engineering Leadership: Empowering Women and Youth for Sustainable Infrastructure Development in Africa</i><br><b>Presenter:</b> Ingaiza Annette Murambi                                       |
| 09:30–09:50 | <b>Paper 4:</b> <i>Building Back Better or Waiting for Disasters? A Critical Gap in Anticipatory Action for Climate-Resilient Urban Systems – The Case of Ifakara Town, Tanzania</i><br><b>Presenter:</b> Masaka Yusufu Maganga | <b>Paper 4:</b> <i>Participatory Village Land-Use Planning and Water Resource Protection</i><br><b>Presenter:</b> Idrisa Abuu Lema et al.                                         | <b>Paper 4:</b> <i>From Participation to Power: Advancing Women, Youth and Inclusive Leadership as Strategic Drivers of Africa's Engineering Future</i><br><b>Presenter:</b> Joan Nweke                                           |
| 09:50–10:10 | <b>Consolidated Q&amp;A / Discussion – Papers 1–4</b>                                                                                                                                                                           | <b>Consolidated Q&amp;A / Discussion – Papers 1–4</b>                                                                                                                             | <b>Consolidated Q&amp;A / Discussion – Papers 1–4</b>                                                                                                                                                                             |
| 10:10–10:30 | <b>TEA BREAK &amp; EXHIBITION VISIT</b>                                                                                                                                                                                         | <b>TEA BREAK &amp; EXHIBITION VISIT</b>                                                                                                                                           | <b>TEA BREAK &amp; EXHIBITION VISIT</b>                                                                                                                                                                                           |

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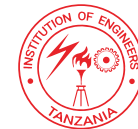






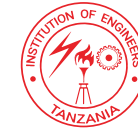
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## DAY4: WEDNESDAY | 16<sup>th</sup> September 2026



|             | CLIMATE-RESILIENT INFRASTRUCTURE                                                                                                                                                                                                           | WATER & ENVIRONMENT                                                                                                                                                  | GENDER AND YOUTH INNOVATION/ ENERGY TRANSITION                                                                                                                                                                |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TIME        | SELOUS HALL – 250 PAX                                                                                                                                                                                                                      | MERU HALL – 150 PAX                                                                                                                                                  | MKOMAZI HALL– 100 PAX                                                                                                                                                                                         |
|             | <b>Session Chairs:</b> Dr. Eng. Catherine Mushi, Tanzania & Eng. David Kamungu, Zambia<br><b>Rapporteur:</b> Eng. Leah Marwa                                                                                                               | <b>Session Chairs:</b> Eng. Alvin Rujweka, Tanzania & Eng. Tshitso Tamane, South Africa<br><b>Rapporteur:</b> Eng. Upendo Minja                                      | <b>Session chairs:</b> Eng. Lina Njau, Tanzania & Eng. Christina Magabe, South Africa<br><b>Rapporteur:</b> Dr. Eng. Alice Bakera                                                                             |
| 10:30–10:50 | <b>Paper 5:</b> <i>Cleaner Stabilisation of Challenging Soils Using Wastes from Sugar Production and Local Limestone Calcined Clays for Geotechnical Applications</i><br><b>Presenter:</b> Horris K. Nangulama et al.                      | <b>Paper 5:</b> <i>Alternative Financing and Private Sector Participation in Water Utility Service Delivery</i><br><b>Presenter:</b> Ngwisa Mpembe                   | <b>Paper 5:</b> <i>Breaking Barriers: Advancing Women's Leadership in African Infrastructure Projects</i><br><b>Presenter:</b> Sitandane Hokonya                                                              |
| 10:50–11:10 | <b>Paper 6:</b> <i>Climate-Resilient Sanitation Infrastructure for Sustainable Urban Development: Assessing Climate Variability Risks in Tandale Ward, Dar es Salaam</i><br><b>Presenter:</b> Anna Stephen Mremi et al.                    | <b>Paper 6:</b> <i>A Geospatial Water-Ecosystem Resilience Index for the Wami-Ruvu Basin</i><br><b>Presenter:</b> Espart Nicholaus et al.                            | <b>Paper 6:</b> <i>Hydraulic Root Modification for Reliable Geothermal Power in Africa's Energy Transition</i><br><b>Presenter:</b> George Maingi                                                             |
| 11:10–11:30 | <b>Paper 7:</b> <i>Evaluating the Influence of Environmental, Economic, Social and Governance (EESG) Factors on the Sustainability of HVAC Projects in Kenya Using DEMATEL-Based ANP Approach</i><br><b>Presenter:</b> Ronald Okoth et al. | <b>Paper 7:</b> <i>Simplified Sewerage Systems in Hilly Informal Settlements</i><br><b>Presenter:</b> Salim A. Lossindilo                                            | <b>Paper 7:</b> <i>Design and Performance Evaluation of a Hybrid Hydro Micro Turbine–Solar Renewable Energy System for Continuous Rural Electrification</i><br><b>Presenter:</b> Florence Nabila Abiba et al. |
| 11:30–11:50 | <b>Paper 8:</b> <i>Comparative Performance Assessment of Platinum Smelter Slag-Based Geopolymer Pavers and Conventional Cement Concrete Pavers for Sustainable Urban Infrastructure</i><br><b>Presenter:</b> Felix Munashe Mudhindi et al. | <b>Paper 8:</b> <i>Bridging Policy and Hydrology: International Water Law and Engineering for Sustainable Nile Cooperation</i><br><b>Presenter:</b> Sylvester Matemu | <b>Paper 8:</b> <i>Assessment of Tidal Energy Potential for Electricity Generation in Coastal Tanzania</i><br><b>Presenter:</b> Ester Thomas Marcel                                                           |
| 11:50–12:10 | Consolidated Q&A / Discussion – Papers 5–8                                                                                                                                                                                                 | Consolidated Q&A / Discussion – Papers 5–8                                                                                                                           | Consolidated Q&A / Discussion – Papers 5–8                                                                                                                                                                    |
| 12:10–12:30 | Session Summary & Key Messages                                                                                                                                                                                                             | Session Summary & Key Messages                                                                                                                                       | Session Summary & Key Messages                                                                                                                                                                                |
| 12:30–13:30 | NETWORKING LUNCH & EXHIBITION VISIT                                                                                                                                                                                                        |                                                                                                                                                                      |                                                                                                                                                                                                               |
|             | CLIMATE-RESILIENT INFRASTRUCTURE                                                                                                                                                                                                           | DIGITAL TRANSFORMATION                                                                                                                                               | ENGINEERING EDUCATION                                                                                                                                                                                         |
|             | <b>Session Chairs:</b> Eng. Keneilwe Thejane, South Africa & Ing. Sylvia Sampong Ekremet, Ghana<br><b>Rapporteur:</b> Eng. Leah Marwa                                                                                                      | <b>Session chairs:</b> Eng. Mkufu Shabani, Tanzania & Eng. Nkosinathi Ndlela, South Africa<br><b>Rapporteur:</b> Dr. Eng. Alice Bakera                               | <b>Session chairs:</b> Dr. Eng. Jaquiline M. Masaki, Tanzania & Eng. Bongwe Mtshali, South Africa<br><b>Rapporteur:</b> Eng. Upendo Minja                                                                     |





## DAY 4: WEDNESDAY | 16<sup>th</sup> September 2026

|             |                                                                                                                                                                                                                                      |                                                                                                                                                                                                |                                                                                                                                                                                           |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13:30–13:50 | <b>Paper 9:</b> <i>Experimental and Numerical Evaluation of the Optimum Geogrid Layering Configuration for Reinforced Red Soil Foundations Using Plate Load Testing and PLAXIS</i><br><b>Presenter:</b> Brian Tawanda Madondo et al. | <b>Paper 9:</b> Engineering Africa's Future through AI and the Fourth Industrial Revolution: Building Resilient Infrastructure for Sustainable Development<br><b>Presenter:</b> Martin Manuhwa | <b>Paper 9:</b> <i>Benchmarking engineering Capacity and Capability across the commonwealth: Gathering Evidence for Africa Sustainable Development</i><br><b>Presenter:</b> Dawn Bonfield |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| TIME        | SELOUS HALL – 250 PAX                                                                                                                                                                                                 | MERU HALL – 150 PAX                                                                                                                                                                                                | MKOMAZI HALL– 100 PAX                                                                                                                                                                                                             |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13:50–14:10 | <b>Paper 10:</b> <i>Preventing Road Infrastructure Failures through Strategic Data Collection by Enabling Proactive Asset Management with the iPAVe</i><br><b>Presenter:</b> Herman J. Visser                         | <b>Paper 10:</b> <i>Engineering the Digital Nervous System: AI and Emerging Technologies for Future-Ready African Infrastructure</i><br><b>Presenter:</b> Bola Mudasiru                                            | <b>Paper 10:</b> <i>The Missing Mobility Agenda: Advancing International Recognition of Engineering Technologists and Technicians in Africa through IETA and AIET</i><br><b>Presenter:</b> Ranthekeng Jones Moloisane et al.      |
| 14:10–14:30 | <b>Paper 11:</b> <i>The Effect of Partial Replacement of Natural Fine Aggregates with Recycled Concrete Fine Aggregates on the Durability Properties of Concrete</i><br><b>Presenter:</b> Neema Stephen Kahabi et al. | <b>Paper 11:</b> <i>Engineering Intelligence Powered by Drones, Satellites and AI: Transforming Africa's Physical Assets into Smart, Predictive and Sustainable Infrastructure</i><br><b>Presenter:</b> Rose Funja | <b>Paper 11:</b> <i>Developing a Continental Engineering Capacity-Building Framework for Professional Mobility and Lifelong Learning in Africa Through the FAEO Academy Initiative</i><br><b>Presenter:</b> Refilwe Lediga et al. |
| 14:30–14:50 | <b>Paper 12:</b> <i>From Congestion to Inclusion: The Kinshasa Ferry Transport System as a Catalyst for Equitable Urban Mobility</i><br><b>Presenter:</b> Avi Menon et al.                                            | <b>Paper 12:</b> <i>Accelerating Sustainable Development in Africa through Digital Technologies: Lessons from the WFEO Engineering Capacity Building for Africa Programme (ECBAP)</i><br><b>Presenter:</b> Gong Ke | <b>Paper 12:</b> <i>Influence of Industrial Training on Engineering Competence: Student Perspectives at Kabale University</i><br><b>Presenter:</b> Dun Birekyeraho Tukwatse                                                       |
| 14:50–15:10 | Q&A / Discussion – Papers 9–12                                                                                                                                                                                        |                                                                                                                                                                                                                    | <b>Paper 13:</b> <i>Time–Technology Misalignment: Bypassing Asynchronous TVET Adaptation to Prevent Human Capital Collapse in Africa's E-Mobility Transition</i><br><b>Presenter:</b> Dedeki Pappias Kazawadi                     |
| 15:10–15:20 | Session Summary & Key Messages                                                                                                                                                                                        | Q&A / Discussion – Papers 9–12                                                                                                                                                                                     | Q&A / Discussion – Papers 9–13                                                                                                                                                                                                    |
| 15:20–15:25 | Session Summary & Key Messages                                                                                                                                                                                        | Session Summary & Key Messages                                                                                                                                                                                     | Session Summary & Key Messages                                                                                                                                                                                                    |
| 15:25–15:55 | Technical Session Wrap-up                                                                                                                                                                                             | Technical Session Wrap-up                                                                                                                                                                                          | Technical Session Wrap-up                                                                                                                                                                                                         |
| 15:55–17:00 | Innovation & Exhibition Showcase                                                                                                                                                                                      | Innovation & Exhibition Showcase                                                                                                                                                                                   | Innovation & Exhibition Showcase                                                                                                                                                                                                  |
| 17:00–18:00 | <b>AFRICA ENGINEERING GALA DINNER TRANSITION</b>                                                                                                                                                                      |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                   |
| 18:00–23:00 | <b>AFRICA ENGINEERING GALA DINNER &amp; PARTNER RECOGNITION NIGHT – SERENA HOTEL</b>                                                                                                                                  |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                   |







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## DAY 5: THURSDAY 17<sup>th</sup> September 2026



### FAEO GOVERNANCE, REGULATORS' DIALOGUE & CLOSING

| TIME        | RUAHA HALL – 250 PAX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | SAADAN HALL (50 Pax)                                                                                                                        | RESPONSIBLE                                                                     |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| 07:00–08:30 | Registration, Networking & Exhibition Visit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | FAEO Delegates / Registrars' Registration                                                                                                   | Conference Secretariat                                                          |
| 08:30–09:30 | <b>PLENARY SESSION 4: Engineering Education – Professional Practice, Skills Development &amp; Regional Mobility</b><br><b>Moderator:</b> Ing. Sophia A. Tijani, Ghana<br><b>Rapporteur:</b> Dr. Eng. Alice Bakera<br><b>Panellists:</b> Prof. Eng. Zakaria Katambara – MUST; Eng. Rizwani Qadri – Riz Consulting Services; Eng. Tshiamo Nthebolang – South Africa; Eng. Dr. Enonyam Kpekena – Ghana<br><b>Focus:</b> Professional Practice; Regional Mobility; Curriculum Reform; Accreditation; Industry–Academia Collaboration; Engineering Skills; Research Commercialisation; Innovation Ecosystems | <b>Registrars' Forum</b><br><b>Theme:</b> <i>Engineering Registration, Professional Standards, Mobility &amp; Recognition Across Africa</i> | <b>Moderator:</b> TBC / Registrars & CEOs of Regulatory and Professional Bodies |
| 09:30–09:45 | Interactive Discussion, Q&A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Registrars' Forum – Key Recommendations</b>                                                                                              | Moderator / Rapporteur                                                          |
| 09:45–10:00 | Transition / Seating for Closing Ceremony                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | —                                                                                                                                           | Protocol / Secretariat                                                          |
| 10:00–10:15 | Conference Highlights & Rapporteurs' Summary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | —                                                                                                                                           | Chief Rapporteur, Dr. Eng. Yona Kimori                                          |
| 10:15–10:30 | Presentation of Key Conference Recommendations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | —                                                                                                                                           | Chief Rapporteur, Dr. Eng. Yona Kimori                                          |
| 10:30–10:45 | Adoption of Conference Communiqué / Dar es Salaam Engineering Declaration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | —                                                                                                                                           | Steering Committee Chair / FAEO                                                 |



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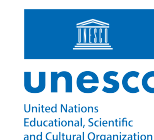
## DAY 5: THURSDAY 17<sup>th</sup> September 2026

| 10:45-11:00 | PEIs Messages of Goodwill to the FAEO President -                                                      | —                                         | IET President, Eng. Asa Mwaipopo + PEIs |
|-------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------|
| TIME        | RUAHA HALL – 250 PAX                                                                                   | SAADAN HALL (50 Pax)                      | RESPONSIBLE                             |
|             | Well Wishes Messages by National Member Organisations to the outgoing FAEO President Refilwe Buthelezi |                                           |                                         |
| 11:00–11:10 | Closing Remarks – UNESCO, WFEO & FAEO                                                                  | —                                         | Representatives                         |
| 11:10–11:20 | Closing Remarks & Acknowledgement of Sponsors, Partners and Organising Committee                       | —                                         | IET President, Eng. Asa Mwaipopo        |
| 11:20–11:35 | <b>Official Closing Address</b>                                                                        | —                                         | Guest of Honour                         |
| 11:35–11:50 | <b>Official Group Photograph</b>                                                                       | —                                         | Guest of Honour / Protocol              |
| 11:50–12:00 | <b>Departure of Guest of Honour &amp; Delegates</b>                                                    | —                                         | Protocol                                |
| 12:00       | <b>CONFERENCE CLOSED</b>                                                                               | <b>FAEO GOVERNANCE BUSINESS CONTINUES</b> |                                         |
| 12:00–13:00 | <b>NETWORKING LUNCH &amp; EXHIBITION VISIT</b>                                                         |                                           | All Delegates                           |
| 13:00–16:00 | <b>FAEO GENERAL ASSEMBLY (AGM) – CLOSED SESSION</b>                                                    |                                           | FAEO Secretariat / Members              |
| 16:00-17:00 | <b>EAFEO FEDERATION MEETING</b>                                                                        |                                           | EAC Federation Secretariat/Members      |
| 17:00       | <b>END OF FAEO GOVERNANCE PROGRAMME</b>                                                                |                                           | FAEO                                    |

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DAY 6: FRIDAY 18<sup>th</sup> September 2026

EXCURSION AND TOURS  
ALL DELEGATES ARE INVITED

| S/N | Description                                           | Responsible            |
|-----|-------------------------------------------------------|------------------------|
| 1   | MIKUMI NATIONAL PARK DAY TRIP                         | Conference Secretariat |
| 2   | MIKUMI NATIONAL PARK & UDZUNGWA TOUR (2 Days/1 Night) | Conference Secretariat |
| 3   | ZANZIBAR TOUR (2 Days/ 1 Night)                       | Conference Secretariat |
| 4   | TECHNICAL VISIT                                       | Conference Secretariat |

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