



Wednesday 30 November

11:00	Registration	
12:00	Lunch	
13:00	OPENING CEREMONY: Dominic Tildesley, <i>Immediate Past President, Royal Society of Chemistry, UK</i> Representatives from the University of Nairobi, Kenya TBC	
13.30	PLENARY: GSK Partnership for Analytical Chemistry Skills in Africa Peter Blenkiron, <i>GSK</i> Estiphanos Ele, <i>Addis Ababa University, Ethiopia</i>	
SESSION 1: Water Quality		
14:00	INV1: Challenges and solutions to water problems in Africa Shem Wandiga, <i>University of Nairobi, Kenya</i>	Chair: Feleke Zewge
14:30	O01: Assessment of Potentially Toxic Heavy Metal Contamination in Surface Sediment and the Akaki River, Addis Ababa, Ethiopia Minbale Aschale Dagnaw, <i>Ethiopia Institute of Water Resources, Addis Ababa University, Ethiopia</i>	
14:50	O02: Novel Materials from Clay and Functionalized Clay Nanoparticles: Application on Remediation of Lead, Cadmium and Pentachlorophenol from water David Marikah, <i>JKUAT, Kenya</i>	
15:10	INV2: WATERSPOUTT Project in Uganda: Application of Solar Technologies for the Treatment of Harvested Rainwater Wesaal Khan, <i>University of Stellenbosch, South Africa</i> Jacent Asiimwe, <i>Makerere University</i>	
15:40	Coffee	

16:10	<p>FLASH 1, 2 & 3:</p> <p>Water degradation of methylene blue over low-cost bio-iron nanoparticles synthesized using waste coffee husks extracts Lucy Ombaka, <i>Dedan Kimathi University of Technology, Kenya</i></p> <p>Opportunities and Challenges in Addressing Contaminants of Emerging Concern (CEC) in Drinking Water in the Developing Countries Vincent Madadi, <i>University of Nairobi, Kenya</i></p> <p>Application of conducting polymers as sensors for the detection and removal of hazardous ions in water Modou Fall, <i>University Cheikh Anta Diop, Senegal</i></p>	Chair: Feleke Zewge
16:40	<p>INV3: Title TBC Graham Mills, <i>University of Portsmouth, UK</i></p>	
17:10	<p>O03: Occurrence and removal of pharmaceutically active compounds in Nairobi River Basin Anthony Gachanja, <i>JKUAT</i></p>	
17:30	PANEL DISCUSSION 1	
18:00	POSTER SESSION & DRINKS	
19:00	Dinner for speakers and invited guests only (Silver Spring Hotel)	

Thursday 1 December

	<p>SESSION 2: Water and Health <i>Supported by RSC Publishing</i> <u>Environmental Science: Water Research & Technology</u></p>	
09:00	<p>INV4: Water and Health: The Role of Chemistry in Addressing Ongoing and Future Challenges Mike Templeton, <i>Imperial College London, UK</i></p>	Chair: Mike Templeton
09:30	<p>O04: Toward an integrated approach to address the environmental sanitation of African low-income cities Kouassi Dongo, <i>UFR STRM, Université FHB / Centre Suisse de Recherches Scientifiques (CSRS), Cote D'Ivoire</i></p>	
09:50	<p>O05: Human Health Risk Assessment of Artisanal Miners Exposed to Toxic Chemicals in Water and Sediment in the Prestea Huni Valley District of Ghana Samuel Obiri, <i>CSIR-Water Research Institute, Ghana</i></p>	
10:10	<p>INV5: Title TBC Chris Buckley, <i>University of KwaZulu-Natal, South Africa</i></p>	

10.40	Coffee break	
11.10	INV6: UK-Africa Partnership in Science and Research Serah Nderitu, <i>UK Science and Innovation Network, Kenya</i>	Chair: Mike Templeton
11:40	FLASH 4 & 5: Levels, And Potential Health Risks Of Heavy Metals In Drinking Water In Kampala City (Uganda) Michael Bamuwamye, <i>Ministry of Health, Natural Chemotherapeutics Research Institute, Uganda</i> Consequences of inadequately treated wastewater: Vibrio pathogens as a case study Etinosa Igbinosa, <i>University of Benin, Nigeria</i>	
12.10	INV6 TBC	
12:40	PANEL DISCUSSION 2	
13:10	Lunch	
	SESSION 3: Water Policy	
14:10	INV7: The Development of Collaborative Eastern and Southern Africa Regional Center of Excellence for Water Management Feleke Zewge, <i>Addis Ababa University, Ethiopia</i>	Chair: Shem Wandiga
14:40	O06: Vulnerability of Water Quality and Standards due to Pollution in Mwea Rice Scheme, Kenya Henry Mwangi, <i>JKUAT, Kenya</i>	
15:00	INV08: Title TBC Seifu Kebede, <i>Addis Ababa University, Ethiopia</i>	
15:20	Coffee	
16:20	FLASH 6: Investigating soil removal mechanisms, to minimize water usage during domestic wash processes Serafim Bakalis, <i>University of Birmingham, UK</i>	Chair: Shem Wandiga
16:30	PANEL DISCUSSION 3	
16:30	INV09: Enhancing African Science through Partnership Helen Driver, <i>Royal Society of Chemistry, UK</i>	
17:30	Dinner (University)	

Friday 2 December

SESSION 4: Waste Water		
09:00	INV10: Decentralised ecological wastewater treatment systems: enabling safe sanitation in rural communities Richard Allan, <i>The James Hutton Institute, UK</i>	Chair: Jacob Midiwo
09:30	O08: Developing and evaluating the performance of sequencing batch reactor for the treatment of tannery effluent Hanna Robele, <i>Addis Ababa University, Ethiopia</i>	
09:50	O09: Composting faecal waste as a water management practice in informal urban settlements Samuel Mugu, <i>Sanergy Ltd, Kenya</i>	
10.10	Coffee break	
10:40	INV10: Affordable point of use water purification using nanomaterials T Pradeep, <i>Indian Institute of technology, Madras, India</i>	Chair: Jacob Midiwo
11:10	FLASH 7 & 8: Production and Characterization of an Extracellular Nucleoprotein Biofloculant Synthesized by a Bacterium Isolated from a Drainage Channel Yewande Ajao, <i>Obafemi Awolowo University, Nigeria</i> Biological Sulphate Removal from Wastewater Using Anaerobic Sludge and Marine Sediments as a Carbon Source Bitew Kassaw Dessie, <i>University of Gondar, Ethiopia</i>	
11:30	INV11 TBC Pat Harvey, <i>University of Greenwich, UK</i>	
12:00	INV12: Analytical Chemistry Research Development at Addis Ababa University through Swedish Sida bilateral and ISP Support Peter Sundin, <i>International Science Program, Sweden</i> Negussie Megersa, <i>Addis Ababa University, Ethiopia</i>	
12:20	PANEL DISCUSSION 4	
12:50	CLOSING CEREMONY & PRIZES	
13:00	Lunch	
14:00	International Science Programme: Opportunities to collaborate Cecilia Oman, <i>International Science Program, Sweden</i>	Chair: Cecilia Oman
15:00	Coffee	
15:30	International Science Programme: Round table discussions	Chair: Cecilia

16:30	International Science Programme: Open discussion	Oman
17:30	Session closes	
18:00	International Science Programme Sponsored Dinner - for speakers and invited guests only	

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