

10th INTERNATIONAL CONFERENCE ON APPROPRIATE TECHNOLOGY (10th ICAT), 22 – 25 November 2022, Khartoum, Sudan.

10th ICAT POST CONFERENCE PROGRAM

ONLINE & FREE EVENT

8 – 10 DECEMBER 2022

ORGANIZERS



SPONSORS



PARTNERS



REGISTRATION REQUIRED, PLEASE FILL THIS [FORM](#).

DAY 1: Thursday 8 December

TIME (PM)	PROGRAM	ROOM A	ROOM B
5 – 5.15	OPENING SESSION	WELCOME & INTRODUCTION: The 10 th ICAT Post Conference Program <i>Gada Kadoda</i>	
5.15 – 5.45		A WORD FROM 10 TH ICAT SPONSOR: Gibela Research Chair <i>Khumbulani Mpofo</i>	
5.45 – 6	BREAK	<i>Splitting into Rooms</i>	
6 – 8	WORKSHOPS Parallel Sessions	COLLABORATIVE DESIGN AND CONSTRUCTION WORKSHOPS BUILD LOCAL CAPACITY IN SOLAR OVENS AND SMALL WIND TURBINES ON SUMBA ISLAND, INDONESIA - USEFUL OUTCOMES FOR AUTONOMOUS RENEWABLE ENERGY GENERATION? Organizer: <i>Tim Frodsham</i> Appropriate Technology International, Australia	WORKING WITH UNDERREPRESENTED GROUPS TO INFORM TECHNOLOGY GOVERNANCE & POLICYMAKING Organizer: <i>Lassana Magassa</i> University of Washington, USA
8 – 9	KEYNOTE TALK	TOWARDS A MORE CIRCULAR ECONOMY: RECYCLING ORGANIC WASTES INTO BIOGAS AND FERTILIZER Speaker: <i>Myron Williams</i> Moderator: <i>John Trimble</i>	

DAY 2: FRIDAY 9 DECEMBER 2022

TIME (PM)	PROGRAM	ROOM A	ROOM B	ROOM C	ROOM D
5 – 6	FOLLOW-UPS & MISSED PRESENTATIONS Parallel Sessions	TECHATHON Organizer: <i>Mjumbe Poe</i>	WORKSHOP ON GRAND HYDROELECTRIC GENERATION DAMS: <i>Recap & Recommendations</i> Chair: <i>Mammo Muchie</i>	PAPER SESSION: Chair: <i>Sahl Yasin</i> WASTE WATER TREATMENT VIA ACTIVATED FLY ASH ADSORBENT <i>Afaf Ghais Abadi</i> USING GEOSPATIAL TECHNIQUES TO ASSESS LANDUSE CHANGE DUE TO FLOOD HAZARD IN KOSTI LOCALITY, SUDAN <i>Sona Mohammed Fadoul Mohammed</i>	
6 – 8	EXHIBITION Parallel Sessions	POSTERS	TECHFAIR		
8 – 9	CONFERENCE REFLECTIONS (BY SETS OF TOPICS): <i>Revisit, Reflect, and Recommend</i> Parallel Sessions	ROOM A TOPICS: <i>The things we make and generate</i> Moderator: <i>Jephias Gwamuri</i> ▪ Energy and Materials ▪ Manufacturing ▪ Technology R&D ▪ Services Industry	ROOM B TOPICS: <i>The built environment and human wellbeing</i> Moderator: <i>John Tharakan</i> ▪ Construction and Infrastructure ▪ Cities and Spaces ▪ Health ▪ Water and Sanitation	ROOM C TOPICS: <i>The wisdom and virtues we emanate</i> Moderator: <i>Marwan Adam</i> ▪ Governance ▪ Policy, Standards, and Ethics ▪ Peace, Security, and Safety ▪ Education, Knowledge, and Technology Transfer	ROOM D TOPICS: <i>The way we protect and share our world</i> Moderator: <i>Marcel J Castro Siritiche</i> ▪ Climate Change ▪ Environment, Agriculture, and Ecovillages ▪ Green Economy and Innovation ▪ Sustainability, Social Inequality, and Human Wellbeing

Please note that ROOM TOPICS' distribution for Conference Follow-ups (8 – 9pm) may change according to the number of participants.

DAY 3: SATURDAY 10 DECEMBER 2022

TIME	PROGRAM	ROOM A
10 AM – 12 NOON	WORKSHOP	<p>WASH (WATER, SANITATION AND HYGIENE) IN ELFASHER</p> <p>Organizers (Students):</p> <ul style="list-style-type: none"> ▪ <i>Mustafa Omer Mohammed</i> ▪ <i>Mehad Khalil Adam Mohammed</i> ▪ <i>Mayada Yousif Ibrahim Mansur</i> ▪ <i>Mustafa Abdoalrhman Mohamed</i> ▪ <i>Saif Elislam Adam Musa Abdelkareem</i> <p>El Fashir University, Sudan</p>
5 – 6.30 PM	WORKSHOP	<p>SUSTAINABLE COMPUTING USING THE RASPBERRY PI PLATFORM</p> <p>Organizers:</p> <ul style="list-style-type: none"> ▪ <i>Jesse Bemley</i> ▪ <i>Bryan Bemley</i> ▪ <i>Anthony Adedoyin</i> ▪ <i>Olaoluwa Adewoye</i> <p>Joint Educational Facilities, USA</p>
6.30 – 8	CONFERENCE REFLECTIONS & RECOMMENDATIONS Moderator: <i>Gada Kadoda</i>	TAKEAWAYS AND SUGGESTIONS: <i>Participants and Organizers</i>
8 – 9	CLOSING SESSION Chair: <i>John Trimble</i>	10 th ICAT ANNOUNCEMENTS AND WAY FORWARD TOWARDS THE 11 th ICAT