

DTMES Program

Addis Ababa Local Time	Day 1 (Feb. 13)
9:00 – 9:30 AM	IEEE DTMES 2023 Welcome Remarks Co- Chairs Wendem Beyene, USA and Prof. Anokia Nathan, UK Local Chair Dr. Fetene Mulugeta, AAiT AAiT Executive Director, Dr. Bikila Teklu Dean of School of Electrical and Computer Engineering, Dr. Bisrat, AAiT CBE Representative Welcome by IEEE EPS President Dr. Kitty Pearsall IEEE EDS Representative Prof. Benjamin Announcing IEEE Ethiopian Subsection Formation
9:30 - 10:00 AM	Keynote Speech – “The Metaverse,AR, XR, and Silicon “ Dr. Jihong Ren, Meta Platforms, USA
10:00-10:40 AM	Plenary Talk I: “ <i>Evolution of the Timing Recovery techniques in High-Speed Links,</i> ” Prof. Masum Hossain, Carlton University , Canada
10:40-10:55 AM	Coffee Break
10:55 -11:45 AM	Plenary Talk II: “ <i>Computational Electromagnetics of Digital Applications,</i> ” Dr. Yuriy, shlepnev, Simberian Inc., USA
11:45- 12:30 AM	Plenary Talk III: “ <i>Semiconductor Device Compact Modeling: Concepts and Challenges,</i> ” Prof, Benjamin Iñiguez, URV, Spain
12:30 - 1:30 PM	Lunch
1:30-2:00 PM	“ <i>Mitigation of Memory Errors on Commodity Workstations at High Altitude,</i> ” Yafet Philipos, Hawassa University, Ethiopia
2:00 -2:30 PM	“ <i>Acceleration of Deep Neural Network Training Using Field Programmable Gate Arrays,</i> ” Guta Tesema Tufa, Arba Michch University, Ethiopia
2:30-3:00 PM	“ <i>Application layer DDoS Attack Classification using Deep Learning,</i> ” Beckham Berhanu, AAiT, Ethiopia
3:00-3:30 PM	Coffee Break
3:30 -4:00 PM	“ <i>Amharic SMS spam detection using Deep Learning,</i> ” Woineshet Fentahun, AAiT, Ethiopia
4:00 -4:30 PM	“ <i>Unmanned Ground Vehicle (UGV),</i> ” Yosef Jemal, Bahir Dar Institute of Technology, Ethiopia

Addis Ababa Local Time	Day 2 (Feb. 14)
9:00 - 9:15 AM	IEEE DTMES 2023 Welcome Remarks Local Chair Dr. Fetene Mulugeta, AAiT
9:15 - 9:25 AM	Qualcomm products in XR/AR space
9:25-10:00 AM	Plenary Talk IV: “ <i>Early Planning for Robust Signal and Power Integrity,</i> ” – Dr. Vaishnav Srinivas, Qualcomm, USA
10:00 -10:40 AM	, Plenary Talk V “ <i>Interconnect Reliability in Electronic Systems: An Overview</i> ” Dr. Dongkai Shangguan, USA
10:40-10:55 AM	Coffee Break
10:55- 11:25 AM	“ <i>A Domain-Specific Architecture for Computer Vision Application in Autonomous UAVs</i> ” Kidist Andarge, AAiT, Ethiopia
11:25-11:55 PM	“ <i>Classification Of Invasive And In Situ Lobular Carcinoma In Breast Cancer Using Deep Learning,</i> ” Kalkidan Kebede, AAiT, Ethiopia
12:00 - 1:30 PM	Lunch
1:30-2:00 PM	“ <i>A Domain-Specific Architecture for Computer Vision Application in Autonomous UAVs,</i> ” Tinbilina Gashaw, AAiT, Ethiopia
2:00 -2:30 PM	“ <i>Remotely operated military weapon and its applications</i> ” Yosef Jemal, Bahir Dar Institute of Technology, Ethiopia
2:30-3:00 PM	, “ <i>Explainable Rhythm Based Heart Disease Detection From ECG Signals,</i> ” Derege Degefa, AAiT, Ethiopia
3:00-3:30 PM	Coffee Break
3:30 -5:00 PM	Closing Remarks and Lottery Drawing