

REGISTRATION FEES:

Corresponding Authors	N 15,000
Co-authors (on or before 17/02/2025)	N 5,000
Co-authors (after 17/02/2025)	N 8,000
Undergraduate Students	N 3,000
Corporate/Industrial Participants	N 30,000
International Participants	\$ 50 (Domiciliary Account to be provided on request)

Account Details For Local Participants

Bank:	First Bank
Account Name:	Nkechi Apanta
Account Number:	3028615018

GUESTS OF HONOUR

Engr Ifeanyi P. Ebiogwu (Ph.D.), MNSE, FNIEEE
Advisor, Instrumentation & Control, Upstream Nigeria, Oil & Gas Production ExxonMobil, Lagos.

Engr. Dr. Lois Onyejere Nwobodo (MNSE, MIEEE, COREN Registered)
Managing Director/Chief Executive Officer, Scientific Equipment Development Institute (SEDI), Enugu

Engr. Dr. Ogungbenro, Oluwaseyi Akinyele (MNIP, MIEEE, MRAESON, MNISE, MNSE, COREN)
The Overseeing Officer, Electronics Development Institute (ELDI), Awka

Mrs. Regina Uzoma Egwuonwu (CNA, CIMA, NIN)
The Overseeing Officer, National Engineering Design Development Institute (NEDDI), Nnewi

SPECIAL GUEST OF HONOUR

Prof. Ibrahim A. Adeyanju
Managing Director/Chief Executive Officer, Galaxy Backbone Limited

CHIEF HOST

Prof. Polycarp Emeka Chigbu
Ag. Vice-Chancellor, University of Nigeria, Nsukka

HOST

Engr. Prof. Cosmas Uchenna Ogbuka
Head, Department of Mechatronic Engineering, University of Nigeria, Nsukka

CO-HOST

Engr. Prof. Ozoemena Ani
Pioneer Head, Department of Mechatronic Engineering, University of Nigeria, Nsukka

FATHER OF THE DAY

Engr. Prof. I.C.E. Ike-Eze
Dean, Faculty of Engineering

Guest Speaker

Engr. Dr. Peter Ogbobe
Director General, Project Development Institute (PRODA), Enugu, Nigeria

Lead Paper

Prof. Arun Ross
Martin J Vanderploeg Endowed Professor
Department of Computer Science and Engineering
Michigan State University, USA

Keynote Speaker 1

Dr. Kennedy Chinedu Okafor
Chair, IEEE Skillup Hub Region 8
Manchester Metropolitan University, UK

Keynote Speaker 2

Dr. Daniel Uyeh
Department of Biosystems and Agricultural Engineering
Michigan State University, USA.

Keynote Speaker 3

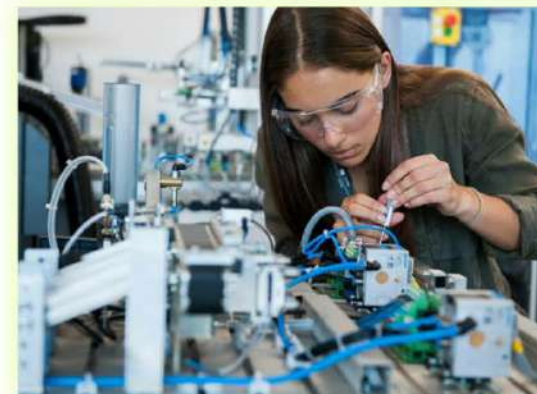
Engr. Nnamdi Valbosco Ugwuoke
CEO Codextreme Programming Nig. Ltd
PhD Research Scholar, Aberystwyth University, Wales, United Kingdom.



THE DEPARTMENT OF
MECHATRONIC ENGINEERING
UNIVERSITY OF NIGERIA, NSUKKA

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THEME: **MECHATRONICS**
FOR RAPID TECHNOLOGICAL
ADVANCEMENTS AND
ECONOMIC DEVELOPMENT

MERTAED
2025



27th February To
28th February, 2025



Department of
Mechatronic
Engineering,
University of
Nigeria, Nsukka

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MANUSCRIPT SUBMISSION GUIDELINES

Manuscripts should be in MS Word with an abstract not more than 200 words. Manuscript should be prepared in Times New Roman, font size 11, and 1.0 line spacing, single column of not more than 6 pages.

Manuscript should be submitted to:
mctunnconf2025@gmail.com

IMPORTANT DEADLINES

Manuscript Submission:	7th February, 2025
Notification of Manuscript of Acceptance:	10th February, 2025
Payment/Registration by the Corresponding Author:	17th February, 2025

Note: The corresponding author of an accepted manuscript is expected to register before such a manuscript is included in the E-Proceeding and E-Book of Abstract. All payments must be made to the bank and evidence of payment forwarded to:

mctunnconf2025@gmail.com or +2348032616466 (WhatsApp only) for confirmation.

GET IN TOUCH

For further enquiries and sponsorships, contact

Phone: 08032616466, 07038460543, 08060241225

E-mail: cosmas.ogbuka@unn.edu.ng

ozoemena.ani@unn.edu.ng

timothy.araoye@unn.edu.ng

Industrial Design And Manufacturing Technologies

Additive Manufacturing (3D) Printing, Machine Tools, Machine Design, Lean Production Management and Industrial Logistics, Micro-Fabrication Technology, CNC Lathe and Milling Machines, Advanced Materials for Engineering Design and Applications, Consumer Products and Packaging, Computer-Aided Design (CAD), Computer Aided Manufacturing (CAM), Computer Numerical Control (CNC), Micro-Fabrication Technology, Advanced Manufacturing Technologies.

Digital Electronics, Communication And Computer Science

Biometrics, Electronics (Physical and Applied), Circuits and Systems, Telecommunication Systems, Digital Communication Systems, Fiber-optic Communication, Computer Networks, Computer Software and Applications, Computer programming, Computer Hardware Engineering, Systems Modelling and Simulation, Computer-Aided Analytical Methods, Measurement and Instrumentation, Microcontrollers and Embedded Systems

Engineering And Technical Education

New Pedagogies and Teaching methods in Engineering and Technical Education, Smart Devices for Primary and Secondary Education, New Approaches to curriculum development and emerging issues in Engineering and Technical Education. Engineering and Technology policies supporting the SDGs.

SUB-THEMES

Manuscripts that contribute new knowledge or that validate existing knowledge in any area of Mechatronics and relevant in any of Energy and Power, Agriculture, Environment, Transportation, Climate Change Mitigation, Food Processing, Water Resources, Health Care, Housing, Manufacturing, Sporting, Security and Defensive Weaponry, Aviation, Space Technology etc are welcome. The Sub-themes are, but not limited to, the following:

Emerging Technologies

Artificial Intelligence, Machine Learning, Big Data, Block Chain, Cloud Computing, Data Science, Cybersecurity, Internet of Things (IoT), Data Mining

Control, Automation And Robotics

Robotics (aerial and terrestrial), Unmanned Aerial Vehicles, (UAV), Mobile Robots and Stationary Robots, Humanoid Robots, Human-Robot Interaction, Manipulators & Effectors, Automotive Engineering, Computer Vision, Intelligent Control, Fault Detection and Diagnosis, Signals and Systems, Microcomputers and Microprocessor Systems,

Power Engineering

Modern Electric Power Systems, Renewable and New Energy Systems, Energy Storage and Charging Systems, Electric Machines and Drives, Power Electronic Converters, Hydraulic, Pneumatic and Fluidic Systems, Fluid Power Engineering, Turbines and Micro Turbines, Heat and Mass Transfer.