Dr. CELESTINE IWENDI is a Senior Member of IEEE, Fellow of the Higher Education Academy, United Kingdom, visiting Professor with Coal City University Enugu, Nigeria and Associate Professor with BCC of Central south University of Forestry and Technology, China. He completed his second master's degree in communication Hardware and Microsystem Engineering at Uppsala University, Sweden, 2008, ranked under 100 in the world University ranking and obtained a PhD in Electronics at University of Aberdeen, UK in 2013.

He is a highly motivated researcher with a wireless sensor network security book, and over 100 publications. He has a strong teaching emphasis on communication, hands-on experience, willing-to-learn and 19 years technical expertise and teaches Engineering team Project, Artificial Intelligence, Machine Learning, Data Networks, Electronics, Cybersecurity, Distributed Systems, and Control Systems. He has developed operational, maintenance, and testing procedures for electronic products, components, equipment, and systems; provided technical support and instruction to staff and customers. He is a wireless sensor network and AI Chief Evangelist, researcher, Community developer, Philanthropist and an International speaker in many top conferences and webinar.

A Board Member of IEEE Sweden Section (2017 to date). He is the Editor, International Journal of Engineering and Allied Disciplines 2015, Newsletter Editor, IEEE Sweden section-2016-2018, Editor–in–Chief, Wireless Sensor Network Magazine, 2009, Committee Member, International Advisory Panel, International Conference on Marine, Ocean and Environmental Sciences and Technologies (MAROCENET) 2014-2016, Editor–in–Chief, Journal of Wireless Sensor Network, 2009, Advisory Board, International Journal of Innovative Computer Science and Engineering (IJICSE) 2013. He is the Co-chair of the special session on "Wireless Sensor Networks: Hardware/Software Design aspects for Industry" at the Prestigious International Conference of Industrial Technology ICIT. His research focuses on Wireless Sensor Networks, Cybersecurity, Security of Things (SoT), Machine Learning, AI, Communication Controls, Internet of Things (IoT), Electromagnetic Machines, 5G Networks and Low Power Communication Protocols.

Keynote Title

AI 2.0-Enabled Next Generation Intelligence of Things (IoT)

Abstract:

The last decade was about connectivity, and we describe that dynamic with the Internet of Things. This decade is really about adding intelligence to different devices, services, etc. We have been confronted with a new IoT-The intelligence of things. Meanwhile, the future of Intelligence of Things and AI encompasses advanced cognitive methods capable of doing what ordinary machine learning (ML) and deep learning (DL) systems cannot attain easily or attain at all in parallel and distributed systems architectures for Smart City. Artificial intelligence 2.0 (A1 2.0) ushers in the combination of sustainable Industrial internet of things and Intelligence of Things (AI/IoT). It means that AI/IoT will in the near future logically and effortlessly interrelate with human experts and operators, providing them with articulate clarifications and

answers, even at the edge of the network or in robotic devices and navigation. This talk shall cover the exploration of IoT cooperation, navigation at highest form autonomous automation navigation, wireless sensor network, internet of things and Cloud integration and security approach.