

IoT and its implications to Africa

Friday, 29 September 2023 13:30 (22 minutes)

This talk will explore the implications of the Internet of Things (IoT) for Africa's development and how Sustainable Development Goals (SDGs) provide a comprehensive framework for addressing the challenges in advancing sustainable development in Africa. We will talk about The Internet of Things (IoT) as a rapidly growing technology that has the potential to transform various sectors in Africa, including agriculture, healthcare, transportation, and smart cities. We will also examine the challenges to the adoption of IoT in Africa, such as limited access to reliable and affordable internet connectivity, lack of technical skills and infrastructure, and security concerns. We will discuss possible solutions to address these challenges and promote IoT adoption in Africa, here we will talk about the Unity Board (www.unityboard.ng) as a project based learning system for skills development. We will Highlight the role of governments, private sector, and civil society in promoting IoT adoption. Africa We will also discuss the activities of the Nigerian Government so far in adopting IoT. Case studies: we will discuss my various indigenous IoT solutions deployed and recommendations on the way forward. Finally, We will talk about the activities within td4pai IoT Hub (www.td4pai.org.ng), an innovation charity I established in Nigeria for capacity development in emerging technologies.

Abstract Category

Computing & 4IR

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