"Internet of Things & Smart Sustainable Cities – Micro to Macro"

GUEST SPEAKER

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Dr. Sekhar Kondepudi is currently an Associate Professor of Smart Buildings, Smart Cities and the Internet of Things (IoT) at the National University of Singapore. At NUS, he is currently the Director of the MSc in Environmental Management (MEM) Programme.

He has a PhD in Energy and Buildings from Texas A & M University with 25 years of global business and product experience in a variety of technology verticals related to the Built Environment including IoT, Smart Cities, Energy, Smart Homes & Buildings, Utilities, Networking, Voice, Semiconductors, Healthcare & Public Safety.

Dr. Kondepudi provides Public and Private Sector Advisory and Consulting on KPIs & Indicators, Infrastructure, Buildings, Transportation Security, Education Healthcare, Water and Waste in India, Vietnam, Middle East and Africa. He is currently a member of the Pro-Tem Committee for Smart City Standards in Singapore.

He also is active in Smart City and IoT Standards work with the International Telecommunications Union (ITU – the specialized IT arm of the United Nations) where he was most recently a Vice-Chair for the Focus Group on Smart Sustainable Cities, developing Global Standards for Smart Sustainable Cities including 14 Key Technical Reports.

INTRODUCTION

This presentation will make the journey from a Micro-Level (Internet of Things) to the Macro-level (Smart Sustainable Cities) with an intermediate point at the “Building Level” (Smart Buildings). The relationships between each of these – IoT, Smart Buildings and Smart Cities is discussed, followed by Smart City Infrastructure, Big Data and innovative Business Models. Finally, a few case studies are presented from different cities in the world.

FREE ADMISSION

ABOUT THE MEM PROGRAMME

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