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on

"How Internet of Things (IoT) Will Transform Everything Creating a Smarter World"

by

Dr. San Murugesan

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on Monday, 23rd December 2013 at 5.30 p.m.
at
Conference Hall, Anna University Alumni Centre
Anna University, Guindy, Chennai – 600025

Mr. H.R. Mohan	**Mr. K.V. Rupchand**	**Mr. P. Kumar**
Chairman	Chairman	Chairman
IEEE CS & PCS	IEEE TMC	CSI Chennai

5.30: Tea & Fellowship :: 6.00: Distinguished Lecture :: 7.30: Dinner

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About the presentation: The evolution and growth of the Internet is phenomenal and is an ongoing process: in just 25 years, it has grown to link billions of people through computers and mobile devices. It is now being used to connect various objects such as cars, sensors, controllers, TVs, machinery, transport containers and electrical appliances, creating the Internet of Things (IoT). The IoT reaches out into the real world of physical objects; it is predicted that by the year 2020, 50 to 100 billion things will be connected to the Internet facilitating human-to-human, human-to-thing and thing-to-thing (also called M2M) communication. The IoT facilitates deployment many new applications and services, and has the potential to change the world, just as the Internet did -- maybe even more so. Time is ripe to look at how we can leverage and benefit from it. We can optimistically look forward to an IoT-assisted world that is both connected and smarter. In this talk, following a brief introduction to the IoT, the IEEE CS distinguished speaker will present a snapshot of applications of IoT in different areas and also discuss the opportunities and issues that IoT presents to IT professionals, academics and researchers and why one should be interested in it.

About the Speaker: Dr. San Murugesan is a Distinguished Speaker of IEEE Computer Society, Editor in Chief of IEEE *IT Professional*; Director of BRITE Professional Services, Sydney; and adjunct professor at University of Western Sydney, Australia. He is a corporate trainer, a consultant and an author. He is a former Senior Research Fellow of the US National Research Council, at NASA Ames Research Center, California, USA, and served in various positions at ISRO satellite Centre, Bangalore. His expertise and interests span a range areas and includes cloud computing, green IT, IT for emerging regions, Web 3.0 and 2.0, smart systems and mobile computing applications. He is a co-editor of the new book, *Harnessing Green IT: Principles and Practices* (John Wiley, 2012; Indian Edition, 2013), and *Handbook of Research on Web 2.0, 3.0, and X.0: Technologies, Business, and Social Applications* (Information Science Reference, 2009). He is also a co-editor of the upcoming *Encyclopedia of Cloud Computing* (Wiley, 2014), and edits and contributes to the "Cloud Cover" department in *Computer*. Dr. Murugesan is a Fellow of the Australian Computer Society, a Fellow of IETE and a Sr. Member of IEEE CS. More at www.bitly.com/sanprofile

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