

IEEE Bombay Section Events

Latest Developments in LoraWAN Technology



As part of the celebrations of BS@40 (IEEE Bombay Section @ 40) an expert talk on “Latest developments in LoraWAN technology” was organised on May 17, 2017. The speakers were Mr Peter Thomsen, CTO & Co-founder of Orbiwise SA, Switzerland and Mr V S Shridhar, Senior Vice President and Head of the Internet of Things (IoT) Business Initiative at Tata Communications

Mr Thomsen provided an overview of the technology, while Mr Shridhar spoke on how industry is adopting

this technology and a few use cases.

OrbiWise is a Switzerland based Global Solutions Provider, which developed the network solution for LoraWAN, the emerging LPWAN standard for IoT. LoraWAN is designed for extreme low power operation with devices being able to operate up to 10 years on normal AA batteries. The talk featured an overview of the LoraWAN technology including network topologies and advanced features such as dynamic link adaptation, encryption/authentication, roaming, location estimation, device classes, etc. The speaker also touched on the Lora-Alliance eco system that today has over 400 members and is the key driver for the success of Lora.

In the second session, an overview was provided about an Implemented Network Solution by Tata Telecommunications who have piloted key Tata Group companies on Lora. The speaker explained how industry is adapting this technology through detailing of a few use cases.

The combination of Peter Thomsen who took the audience through the details of the technology from an insider's point of view and that of Sridhar from TataComm who sketched a broad canvas of use cases and applications especially by the Tata Organisation was indeed complementary.

One could clearly see that the predominantly industry based audience found value in being exposed to such cutting edge technology, just the kind of event to commemorate BS@40. The speakers were honoured with mementos handed over by two industry seniors from the IEEE Bombay Section Life Members Affinity Group.

The expert talk was facilitated by Mr Ashok Jagatia, Past Chair and Mr Abhay Phansikar, Vice Chair IEEE Bombay Section.

Obituary: Mr A.K. Banerjee



IEEE India Info regrets to announce the demise of Mr AK Banerjee, Immediate Past Chair of the Section (2014-15), and Past Chair Bombay LMAG (2010-13). He passed away on 6 April 2017.

Mr Banerjee an alumnus of College of Advanced Technology, Birmingham. (1965) was engaged for much of his career in Petrochemicals, Power plants, Refineries and infrastructure projects.

He was a member of IEEE since 1966 and was among the earliest members of IEEE Bombay Section when it was formed in 1976. More at <http://ieeebombay.org/tribute-to-akb/>

French Prez Macron launches 'Tech Visa' to woo tech industry: French President Emmanuel Macron on Thursday launched 'French Tech Visa', a fast-track four-year residence permit for entrepreneurs and their families. Talking about the need to reduce regulation and become a "country of unicorns", Macron said, "We want the pioneers, the innovators, the entrepreneurs of the world to come to France and work with us on all possible innovation."