



Workshop on Enabling IoT with a Good Antenna Design

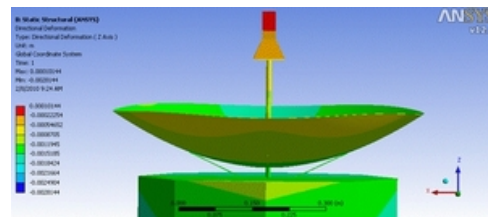
23rd September, 2016 | 2.00pm to 5.00pm

CAD-IT Consultants (Asia) Pte Ltd,
159 Sin Ming Road #03-05 Amtech Building,
Singapore 575625

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Antennas are indispensable components of connected, mobile, and many emerging IoT products: They are the wireless communications links to other devices in the IoT. Antenna design challenges associated with the IoT include providing reliable connectivity and maintaining reasonable performance within an ever-smaller footprint. Many devices will need to operate in an increasingly crowded radio spectrum with the possibility of co-site conditions, operation near the human body, and other challenging installed environments. Antenna placement is crucial in these cases.



ANSYS antenna and wireless simulation solutions have helped many customers increase antenna range by a factor of 10x while simultaneously optimizing size, aspect ratio, weight, power consumption, and radiated energy. ANSYS solutions ensure that a signal of sufficient power will be delivered to the right location. Simulation-driven product development of antenna and wireless systems with ANSYS results in 25x faster time to market.

Presenter Profile:



Dr. Zheng Boyu joined CAD-IT in 2013, after working as team leader and R&D engineer in various organisations such as Institute of Microelectronics (A*STAR Singapore), United Test and Assembly Centre, EPCOS, and Huawei. He holds a Ph.D. from Nanyang Technological University, Singapore. Dr Boyu has a strong background in RF/Microwave, wireless, and microelectronics with more than 14 years' experience in the research and development of RF circuits, antennas, and high-speed systems including design and electrical modeling, optimisation, prototype development

and testing. He has also 6 years' experience in microelectronic industry focusing on advanced packaging development. Dr Boyu is now a Technical Consultant for ANSYS's electronics business unit in the region.

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