

# Symposium Speakers – IoT Infrastructure / Connected Technologies

## Disrupting Educational IT with Virtual Desktop solutions



**Dr. Hong Cai**

**Chief Technology  
Officer  
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**ZTE USA**

**Dr. Hong Cai** is CTO of Cloud Computing at ZTE and is responsible for strategic planning and business development at Cloud & IT product line in ZTE. The products he covers include IT hardware (server, storage), IT software (virtualization, Cloud storage, VDI solution) and data center solutions (Openstack Cloud management, virtual data center management, SDN/NFV solutions, modular data center hardware and data center infrastructure management). Before joining ZTE in 2012, he had been working in IBM for nearly 15 years (1997~2012). He has authored over 50 papers on journals and international conferences and holds over 20 international patents.

**Abstract:**

In this talk, we will introduce ZTE's advanced Desktop Cloud solutions. We will start with what is Desktop Cloud, and the advantage of this technology compared with the traditional IT system. Next we will talk about typical applications of Desktop Cloud and how it could be enhanced for the education sector. We will also introduce unique features of ZTE Desktop Cloud and several customer cases.

## Quo Vadis IoT



**Dr. Ariton Xhafa**

**Project Manager  
IoT Lab**

**Texas Instruments**

**Dr. Ariton Xhafa** is a well-known expert in wireless network protocols design, algorithms, and standardization. Currently, Dr. Zhafa is with Wireless Connectivity Solutions at Texas Instruments (TI) leading projects that enable and differentiate TI's radio platforms and making them IoT ready.

Prior to his current position, Dr. Zhafa led multi-radio coexistence projects. Dr. Zhafa also led TI's effort on IEEE 802.11n MAC standardization, where his contribution led to creation of new adhoc group that worked on 20/40 MHz issue in 2.4 GHz band.

Dr. Zhafa is an IEEE Senior Member, Senior Member Technical Staff at TI, serves as TPC member and Session Chair in IEEE conferences, and helps with workshops for STEM schools in DFW area. Dr. Zhafa received his Ph.D. from Carnegie Mellon University. Dr. Zhafa has filed 97 patent applications with 40 patents issued, has published 9 journal papers and 35 conference papers.

**Abstract:**

In this talk, we discuss the landscape of Internet of Things. In particular, we breakdown the IoT components and their current status. We then focus and discuss challenges associated with these components, their impacts, and provide an initial take on how these challenges can be addressed.

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## Unleashing the Power of Smart Grid IoT



**Dr. Yu Meng** is a Data Scientist at Oncor Electric Delivery, responsible for developing advanced analytics methodology, applications, and systems. Prior to Oncor, he worked at Sabre Holdings, AT&T, Yahoo, and Nortel Networks, designed large scale software systems at the position of software design engineer, solution architect, and design consultant. Dr. Meng received his Ph.D. in Computer Science at Southern Methodist University in 2007, specializing in data mining. He served as President in 2013 and Chairman of the Board in 2014 for CIE/USA DFW.

**Dr. Yu Meng**

**Data Scientist**

**Oncor Electric  
Delivery**

**Abstract:**

Power grids are probably the largest and most complex network systems on the globe. IoT technologies have been changing the scope of managing the large distribution systems. D-SCADA (Distribution Supervisory Control and Data Acquisition), DMS (Distribution Management System), and OMS (Outage Management System) are widely used to monitor and control the distribution grid. New smart grid technologies, such as AMS (Advanced Metering System), are continuing to improve grid resilience, manage faults, provide accurate measurements, enhance customer experience, and create new business opportunities. This presentation will address the decade-long journey of Oncor in building its IoT systems & innovative applications as an industry leader.