The Institute of Electrical and Electronics Engineers (IEEE)
Galveston Bay Section Meeting
Organized by Joint Societies' Chapters

Virtual Distinguished Lecture
June 12, 2020   11:30 AM- 1:00 PM

TOPIC: "Disruptive Technology Adoption and Acceleration in building Smart Cities"

SPEAKER: Fawzi Behmann,
President TelNet Management Consulting Inc.
IEEE Communications Society Director for NA Board

Abstract:

Layers of smartness—using technology and data—are being built into cities to make them safer, more efficient and sustainable. Developed cities around the world are actively launching smart solutions, while new and emerging cities are integrating intelligent, connected systems from the start. The big cities of today may not be those of tomorrow. The opportunities are immense—across infrastructure, mobility, energy, healthcare and beyond. Innovative technology applications and their adoption in society offer a turning point. At its core, the smart city is about people and improving the quality of our everyday lives. The COVID-19 pandemic has revealed some of the shortcomings of major cities in times of crisis.

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The talk will cover the following areas:

Intro: Current state and challenges of Smart Cities

- Disruptive technologies enable building solid foundation for smart cities - highlights of current and future of IoT, 5G/6G, Analytics (AI/ML/DP) across key markets
- Key examples – technology convergence & adoption in new use cases
- Covid-19 accelerate return to new norm with greater innovation, and end-to-end services

Conclusion: Adoption of disruptive technologies and acceleration to a new norm will help transition to smart societies.

SPEAKER:

Fawzi is a visionary, thought leader, author and contributor in advancing adoption of technology in serving humanity. He has over 35 years professional and leadership experience in the communications and networking areas in product development, marketing and services at Freescale, Nortel Networks and Teleglobe. He was chief architect in building national telecom network management and participated in the development of ITU TMN M.3000. In 2009, Fawzi founded TelNet Management Consulting Inc. offering consulting services in the areas of disruptive technology positioning (5G, IoT, AI) and implementation of smart solutions development. www.telnetmanagement.com

Fawzi is a senior member of IEEE, Distinguished Lecturer and IEEE ComSoc Regional Director for North America Board (2020-2021) and chairing of several society chapters (ComSoc, Signal Processing, Computer, EMB, Cons Elec.). Fawzi is the chair for WCNC 2022 and has organized several events such as smart city summit (2019), Blockchain for Healthcare (2018) and Greentech of Smart Cities (2018) and Advanced technologies in Healthcare (2017). Fawzi has been keynote speakers at international conferences and has several publications and co-authored book on "Collaborative Internet of Things for Future Smart Connected Life and Business" published by Wiley.

Fawzi holds a Bachelor of Science with honors and distinction; Masters in Computer Science and Executive MBA.

RSVP

**PLEASE register at https://meetings.vtools.ieee.org/m/231720,

Registration Deadline COB Wednesday, June 10th

If you have any question, please connect with Dr Zafar Taqvi to Z.TAQVI@IEEE.ORG
or Fawzi Behmann at f.behmann@ieee.org.