IEEE 5G Learning Series - NJ Edition

Date: Wednesday, April 26, 2017 8:00 AM to 6:00 PM
Venue: The E Hotel Banquet & Conference Center
3050 Woodbridge Avenue, Edison, NJ 08837
http://www.edisonhotelcp.net

TUTORIAL SPEAKERS

Dr. Sudhir Dixit
Fellow and Evangelist,
Basic Internet Foundation

Dr. K Raghunandan
Lead Wireless,
New York Transit

Yongxing Zhou
Vice President,
Huawei

Dr. Lingjia Liu
Associate Professor, EECS,
University of Kansas

Prof. Jennifer Chen
EECS, Stevens Institute of
Technology

Dr. Jiachen Chen
Rutgers WINLAB

Dr. Xiaoxiong (Kevin) Gu
IBM T.J. Watson Research
Center

Akshay Sharma
VP at Beesion

Dr. Amruthur Narasimhan
Information Security
Consultant

IEEE 5G Initiative Learning Series – New Jersey Edition

5G is not just the next evolution of 4G technology; it is a paradigm shift. 5G is not only evolutionary (providing higher bandwidth and lower latency than current-generation technology); more importantly, 5G is revolutionary, in that it is expected to enable fundamentally new applications with much more stringent requirements in latency (e.g. real time) and bandwidth (e.g. streaming). 5G should help solve the last-mile problem and provide broadband access to the next billion users on earth at much lower cost because of its use of new spectrum and its improvements in spectral efficiency. 5G is an enabler of exciting use cases that will transform the way people live, work, and engage with their environment. In the short term, 5G can support exciting use cases such as the IoT, smart transportation, eHealth, smart cities and smart homes, industrial automation, and entertainment services.

The IEEE 5G Learning Series is designed to demystify 5G technologies and train technology and industry teams with the knowledge of 5G technologies. This tutorial will provide an understanding of the following topics:

- Introduction to 5G
- 5G RAN
- 5G IOT
- 5G Hardware
- 5G Application
- 5G Core
- 5G Standards
- 5G Security
- 5G OSS
- 5G Business

Attendee Registration: https://events.vtools.ieee.org/m/44054

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Patron/Exhibitor Registration: https://meetings.vtools.ieee.org/m/44174

Dr. Amruthur Narasimhan, IEEE 5G New Jersey Tutorial Chair, anarasimhan@ieee.org
Dr. Ashutosh Dutta, IEEE 5G Initiative Co-Chair, ashutosh.dutta@ieee.org
Dr. Rulei Ting, IEEE 5G Education Working Group Co-Chair, rt@ieee.org

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