

First International IEEE 5G Summit
Friend Center, 35 Olden Street, Princeton, NJ

Tuesday, May 26, 2015

07:30 09:00 AM **Registration and Breakfast**

09:00 09:05 AM **Welcome Address**

Dr. Ashutosh Dutta, General Chair

Dr. Doug Zuckerman, Past President IEEE Communications Society

09:05 09:15 AM **Opening Remarks**

Prof. Vince Poor, Prof. Ramjee Prasad,

Dr. Parag Pruthi, Steering Committee Chairs

09:15 09:45 AM **Keynote: The Implications of 5G on the Next 5 Billion Users**

Dr. Marian Croak

VP of Access Strategy and Emerging Markets

Google Inc.

09:45 10:10 AM **Fog Networking for 5G and IoT**

Prof. Mung Chiang

Arthur LeGrand Doty Professor of Electrical Engineering

Princeton University

10:10 10:35 AM **Musings on a Vocabulary for the Composition of Things**

Tim Grance

Senior Computer Scientist

National Institute of Standards and Technology

10:35 10:50 AM **Break**

10:50 11:15 AM **5G Network Architecture and the Future Mobile Internet**

Prof. Dipankar Raychaudhuri

Distinguished Professor, Electrical & Computer Engineering

Rutgers The State University of New Jersey

11:15 11:40 AM **Speed to Insight: Measurement and Metrology in 5G**

Dr Malcolm Robertson

5G Planning Manager, CTO Office

Keysight Technologies

11:40 12:05 AM **Quest for 5G: Rethink Fundamentals**

Dr. Chih-Lin I
Chief Scientist
China Mobile

12:05 12:15 AM **IEEE 5G Standards Update**

Dr. Rob Fish
Vice President Standards Activities
IEEE Communications Society

12:15 01:15 PM **Lunch – Lunch Time Talk: Research Challenges in 5G**

Tod Sizer
Vice President, Wireless Research
Alcatel-Lucent

01:15 01:45 PM **Keynote: Laying the Foundation for 5G**

Joseph Cozzolino
Senior Vice President and General Manager
Cisco

01:45 02:10 PM **5G: What can we learn from the previous four generations?**

Prof. Henning Schulzrinne
Levi Professor of Computer Science
Columbia University

02:10 02:35 PM **Towards 5G: Advances from IoT to Millimeter Wave Communications**

Apostolos Papathanasiou
Sr. Principal Engineer
Intel

02:35 03:00 PM **5G & Autonomic Networking - Challenges in closing the Loop**

Dr. Sven van der Meer
Master Engineer
Ericsson

03:00 03:25 PM **Some 5G Requirements and Their Network Impacts**

Dr. Xiao-Feng Qi
Senior Director
Huawei

03:25 03:40 PM **Break**

03:40 04:10 PM **Keynote: From the Enterprise Perimeter to a Virtual, Distributed, Secure Cloud**

Dr. Edward G. Amoroso
Senior Vice President & Chief Security Officer
AT&T

-
- 04:10 04:35 PM **Art of Cybersecurity**
Darryle Merlette
Executive Director
NIKSUN
- 04:35 05:00 PM **Millimeter Wave Communications: Channel Measurements, System Design and Performance**
Dr. Ashwin Sampath
Senior Director of Technology at Corporate R&D
Qualcomm
- 05:00 05:25 PM **5G: From Theory to Practice**
James Kimery
Director of Marketing of Wireless Research and SDR initiatives
National Instruments (NI)
- 05:25 05:40 PM **Concluding remarks**
Prof. Ramjee Prasad, Aalborg University and CTIF
- 05:40 07:30 PM **Networking and Reception**