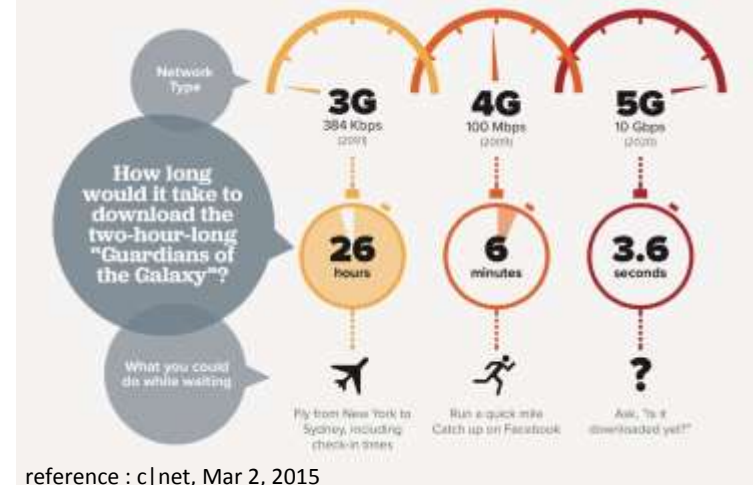


Date/ Time: Tuesday, June 20th, 2017
6:30 PM **Pizza & Networking**
7:00-8:00 PM **Presentation**

Location: **Skyworks Conference Room**
Newbury Park, CA 91320
(See RSVP/Directions Below)



Speaker : **Liangping Ma, PhD. – Interdigital, inc.**

Title : **5G Technologies and Standards**

Abstract:

The buzz word 5G has generated a lot of excitement recently. But what is 5G? How is it different from the existing standards such as LTE and Wi-Fi? In this talk, we give an overview of 5G. We then focus on several key technologies of 5G, including waveforms, numerology, channel coding and beamforming, and explain how they may deliver the promised performance. We also briefly cover the status of 5G products and deployment.

Biography

Liangping Ma is a member of the Technical Staff in the San Diego, CA office of InterDigital, Inc., a mobile technology company. His current research interests include 5G radio access networks, ultra-reliable and low-latency video communication, and cognitive radios. He led the research on Quality of Experience (QoE) based optimization for video streaming and interactive video communication. Prior to 2009, he was with San Diego Research Center and Argon ST (acquired by Boeing), where he led research on cognitive radios and wireless sensor networks and served as the principal investigators of two projects supported by the Department of Defense and the National Science Foundation. He is the co-inventor of more than 40 patents and the author/co-author of more than 50 journal and conference papers. He has been the Chair of the San Diego Chapter of the IEEE Communication Society since 2014. He received his PhD from University of Delaware in 2004 and his B.S. degree from Wuhan University, China, in 1998.

Skyworks, Intersection of West Hillcrest Drive and Lawrence Drive, Newbury Park, CA 91320

(not the main building, please use link below to green arrow that pinpoints building)

<http://maps.google.com/maps?q=34.187542,-118.930994&num=1&t=h&vpsrc=0&ie=UTF8&z=18&iwloc=A>

Register : <https://events.vtools.ieee.org/m/45818>

Buenaventura ComSoc Chapter