



Qualcomm: A Perspective on 5G



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Venue: Lecture Hall 21, Second Floor

Dhananjay Gore, is Senior Director, Engineering, Qualcomm Research, Qualcomm India. In this role Dhananjay is responsible for all corporate R&D efforts at the India centre. He also leads the modem and multimedia systems engineering teams for the product groups in India. Efforts at his group include research, development & commercialisation of advanced wireless modems, multimedia & computer vision for mobile phones and drones.

Dhananjay received his Bachelor of Technology Degree in Electrical Engineering from IIT-Bombay and Masters and Ph.D Degrees in Electrical Engineering from Stanford University. He is a recipient of the Institute Silver Medal from IIT-Bombay for graduating first in his class. While at Stanford, Dhananjay co-authored a graduate level text book on MIMO, "Introduction to space-time wireless communications".

Abstract

To support the expanded connectivity needs for the next decade, Qualcomm's vision is for 5G to be much more than higher data rates and the addition of new spectrum. So, 5G is not just a new generation, but a new kind of network, anticipated around 2020, that will transform the role of wireless. At the same time, we are committed to drive 4G LTE to its full potential, which will evolve in parallel with the advent of 5G, and in many ways head in the same transformational direction as 5G.