ABSTRACT
In the Networked Society anything that benefit from being connected, will be connected. Cellular technologies will be the backbone of creating connectivity for a large amount of connected devices of varying capabilities where the applications that these devices support have varying requirements ranging from ultra low cost and long battery time to high bandwidth, low delay, and ultra high reliability. This wide variety of requirements pose some new interesting challenges to the cellular networks. Creating a network architecture that can comprise extreme performance, flexible functionality and a drastically improved agility which makes sense for the future connected industries, is a challenge orders of magnitude greater than what we have seen before in previous generations of mobile networks. This talk will address these challenges that are associated with 5G from a core network and network architecture perspective and present a way forward to make the 5G vision a reality.

Categories and Subject Descriptors
C.2.1 Network Architecture and Design: Wireless networks

Keywords
Network Architecture; Core Network Architecture; 5G;

BIO
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