



Durga Malladi
Senior Vice President, Engineering
Qualcomm Technologies, Inc.

Durga joined Qualcomm in 1998 as an Engineer. Over the past 20 years, he has worked on 3G and 4G technologies, and was the Project Engineer of 4G LTE-Advanced in Qualcomm Research from 2008-15, responsible for features such as mobile broadband, Carrier Aggregation, HetNets, Relays, Dual Connectivity, Licensed Assisted Access (LAA), Internet of Things (eMTC, NB-IoT) and Cellular V2X.

Currently, he oversees the Wireless (5G, Wi-Fi) Projects in Qualcomm Research, spanning Enhanced Mobile Broadband (eMBB) in Sub6 and Millimeter Wave bands, Integrated Access and Backhaul systems, Unlicensed / Shared Spectrum Access, Massive IoT (mIoT), Ultra Reliable Low Latency Communications (URLLC), Industrial IoT, 5G based Vehicular Communications (C-V2X) and evolution of Wi-Fi beyond 802.11ax. The responsibilities span system design, standardization, prototype testbeds, pre-commercial vendor inter-operability tests and trials.

He is the recipient of Qualcomm's IP Excellence Award, Qualcomm Distinguished Contributor Award for Project Leadership and Upendra Patel Achievement Awards for Outstanding Contributions to HSPA and LTE.

Durga holds a B.Tech from Indian Institute of Technology, Madras, and an M.S and Ph.D. from UCLA. His research interests include Signal Processing, Communication Theory and Deep Learning. He is a member of IEEE and holds 375 U.S. patents.