Publications of Mustafa Ergen

Book:
“Multi-Carrier Digital Communications: Theory and Applications of OFDM”, Ahmad RS Bahai, Burton R. Saltzberg, Mustafa Ergen, Springer Inc. Newyork, 2004. ISBN: (HB) 0-387-22575-7 (alk.paper)/ (eBook) 0-387-22576-5. (I wrote the following chapters: 2.1, 2.2, 2.3, 6.1, 6.2, 9, 11, 12, 13. Table of contents can be found in http://ofdm.eecs.berkeley.edu)

Available at http://www.eecs.berkeley.edu/~ergen/docs/ieee.pdf.

Thesis & Reports:


“Adaptive Antenna System for IEEE 802.11,” Mustafa Ergen, Internal


Journals:


Mustafa Ergen, Pravin Varaiya, “Throughput Analysis and Admission Control in IEEE 802.11a” appear on ACM-Kluwer MONET Special Issue on WLAN Optimization at the MAC and Network Levels.


Sinem Coleri, Mustafa Ergen, Anuj Puri, Ahmad Bahai, “Channel Estimation Techniques Based on Pilot Arrangement in OFDM Systems,”

Selected Conference Papers:

Mustafa Ergen, Pravin Varaiya, “Adaptive Antenna for point-to-point links”, submitted to GLOBECOM.

Mustafa Ergen, Sinem Coleri, Pravin Varaiya, “Multicast based Wireless Voice over IP protocol for IEEE 802.11”, submitted to IEEE GLOBECOM.


Sinem Coleri, Mustafa Ergen, Pravin Varaiya, “Estimating Network Internal Link Loss Behavior From End-to-End Multi-cast Measurements” submitted to International Workshop on Advanced Architectures and Algorithms for Internet Delivery and Applications


