

References

- [1] IEEE, “Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications”, *IEEE Standard 802.11*, June 1999.
- [2] IEEE, “Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: High-Speed Physical Layer Extension in the 2.4 GHz Band”, *IEEE Standard 802.11b*, September 1999.
- [3] Z. J. Haas et al., “Guest Editorial”, *IEEE Journal on Selected Areas in Communications*, Special Issue on Wireless Networks, Vol. 17, No. 8, pp. 1329-1332, August 1999.
- [4] Satyabrata Chakrabarti and Amitabh Mishra, “QoS Issues in Ad Hoc Wireless Networks”, *IEEE Communications Magazine*, Vol. 39, No. 2, pp. 142-148, February 2001.
- [5] Chunhung Richard Lin and Jain-Shing Liu, “Bandwidth Routing in Ad Hoc Wireless Networks”, *Global Telecommunications Conference, 1998. GLOBECOM 98. The Bridge to Global Integration, IEEE*, Volunm: 4, 1998.
- [6] Chunhung Richard Lin, “Admission Control in Time-Slotted Multihop Mobile Networks”, *IEEE Journal on Selected Areas in Communications*, Vol.19, No.10, pp.1974-1983, October 2001.
- [7] Chunhung Richard Lin and Jain-Shing Liu, “Qos Routing in Ad Hoc Wireless Networks”, *IEEE Journal on Selected Areas in Communications*, Vol.17, No.8, pp.1426-1438, August 1999.
- [8] Mario Gerla, Jack Tzu-Chieh Tsai, Nicholas Bambos and Shou C. Chen, “A Distributed, Mobile Wireless Infrastructure for Multimedia Applications”, in the *Fifth WINLAB Workshop on Third Generation Wireless Networks, New Jersey*, April 1995.
- [9] Yu-Ching Hsu, Tzu-Chieh Tsai, Ying-Dar Lin and Mario Gerla, “Bandwidth Routing in Multi-hop Packet Radio Environment”, in *proceedings of the 3rd Mobile Computing Workshop*, 1997.
- [10] Yu-Ching Hsu, Tzu-Chieh Tsai, Ying-Dar Lin and Mario Gerla, “QoS Routing in Multihop Packet Radio Environment”, in the *Third IEEE Symposium on Computers and Communications (ISCC '98), Athens, Greece*, June 30 - July 2, 1998.
- [11] Chunhung Richard Lin and Chung-Ching Liu, “An On-Demand QoS Routing Protocol for Mobile Ad Hoc Networks”, *GLOBECOM 2000 – IEEE Global Telecommunications Conference*, No. 1, pp. 1783-1787, November 2000.

- [12] M. R. Garry and D. S. Johnson, *Computers and Untractability*, San Francisco, CA: Freeman, 1979.
- [13] Charles E. Perkins and Pravin Bhagwat, "Highly Dynamic Destination-Sequenced Distance-Vector Routing (DSDV) for Mobile computers", in *Proceedings of the SIGCOMM '94 Conference on Communications Architectures, Protocols and Applications*, pp. 234-244, August 1994. A revised version of the paper is available from <http://www.cs.umd.edu/projects/mcml/papers/Sigcomm94.ps>.
- [14] Padmini Misra, "Routing Protocols for Ad Hoc Mobile Wireless Networks", http://www.cse.ohio-state.edu/~jain/cis788-99/adhoc_routing/index.html, 1999.
- [15] Josh Broch, David A. Maltz, David B. Johnson, Yih-Chun Hu and Jorjeta Jetcheva, "A Performance Comparison of Multi-Hop Wireless Ad Hoc Network Routing Protocols", in *Proceedings of the Fourth Annual ACM/IEEE International Conference on Mobile Computing and Networking (MobiCom '98)*, Dallas, Texas, USA. October 25 – 30, 1998.
- [16] S. Y. Wang, C. L. Chou, C. H. Huang, C. C. Hwang, Z. M. Yang, C. C. Chiou and C. C. Lin, "The Design and Implementation of the NCTUns 1.0 Network Simulator", *Computer Networks*, Vol. 42, Issue 2, pp. 175-197, June 2003.
- [17] T. Chen, M. Gerla and J. T. Tsai, "QoS Routing Performance in a Multi-Hop, Wireless Network", *Proc. IEEE ICUPC '97*, 1997.
- [18] Yu-Liang Kuo, Chi-Hung Lu, Eric Hsiao-Kuang Wu and Gen-Huey Chen, "An Admission Control Strategy for Differentiated Services in IEEE 802.11", *GLOBECOM 2003 – IEEE Global Telecommunications Conference*, Vol. 22, No. 1, pp. 707-712, December 2003.
- [19] Derya H. Cansever, Arnold M. Michelson and Allen H. Levesque, "Quality of Service Support in Mobile Ad-Hoc IP Networks", *MILCOM 1999 – IEEE Military Communications Conference*, No. 1, pp. 30-34, October 1999.
- [20] G. Anastasi and L. Lenzini, "QoS Provided by the IEEE 802.11 Wireless LAN to Advanced Data Applications: A Simulation Analysis", *Wireless Networks* 6, pp.99-108, 2000.
- [21] Brian P. Crow, Indra Widjaja, Jeong Geun Kim and Prescott T. Sakai, "IEEE 802.11 Wireless Local Area Networks", *IEEE Communications Magazine*, Vol. 35, No. 9, pp.116-126, September 1997.
- [22] Dongkyun Kim, Seokjae Ha and Yanghee Choi, "K-hop Cluster-based Dynamic Source Routing in Wireless Ad-Hoc Packet Radio Network", *IEEE VTC*, pp.224-228, 1998.
- [23] Chunhuang Richard Lin and Mario Gerla, "Adaptive Clustering for Mobile Wireless

- Networks”, *IEEE Journal on Selected Areas in Communications*, Vol. 15, No. 7, pp. 1265-1275, September 1997.
- [24] IEEE, “Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Medium Access Control (MAC) Enhancements for Quality of Service (QoS)”, *IEEE Standard 802.11e / Draft 6.0*, November 2003.
- [25] S. Corson and J. Macker, “Mobile Ad Hoc Networking (MANET): Routing Protocol Performance Issues and Evaluation Considerations”, *IETF RFC2501*, <http://www.ietf.org/rfc/rfc2501.txt>, January 1999.
- [26] Charles E. Perkins, Elizabeth M. Royer and Samir R. Das, “Ad Hoc On-Demand Distance Vector (AODV) Routing”, *IETF RFC3561*, <http://www.ietf.org/rfc/rfc3561.txt>, July 2003.
- [27] David B. Johnson, Davis A. Maltz and Yih-Chun Hu, “The Dynamic Source Routing Protocol for Mobile Ad Hoc Networks (DSR)”, *IETF Internet-Draft*, <http://www.ietf.org/internet-drafts/draft-ietf-manet-dsr-10.txt>, July 2004.
- [28] Gahng-Seop Ahn, Andrew T. Campbell, Andras Veres and Li-Hsiang Sun, “SWAN: Service Differentiation in Stateless Wireless Ad Hoc Networks”, *IEEE INFOCOM 2002 – The Conference on Computer Communications*, Vol. 21, No. 1, pp. 457-466, June 2002.
- [29] Kiran K. Vadde and Violet R. Syrotiuk, “Factor Interaction on Service Delivery in Mobile Ad Hoc Networks”, *IEEE Journal on Selected Areas in Communications*, Vol. 22, No. 7, pp. 1335-1346, September 2004.
- [30] Kaixin Xu, Ken Tang, Rajive Bagrodia, Mario Gerla and Michael Bereschinsky, “Adaptive Bandwidth Management and QoS Provisioning in Large Scale Ad Hoc Networks”, *MILCOM 2003 – IEEE Military Communications Conference*, Vol. 22, No. 1, pp. 1018-1023, October 2003.