E-mail: 9501026@ mail.dyu.edu.tw

AODV   LPR

          —LPR-plus   LPR LPR-plus

:

[1] Dongkyun Kim; J.J. Garcia-Luna-Aceves; K. Obraczka, J.-C Cano, and P. Manzoni, " Routing mechanisms for mobile ad hoc networks based on the energy drain rate," IEEE Transactions on Mobile Computing, vol. 2, pp. 161-173, April-June 2003.

[2] I. Stojmenovic.and X. Lin, " Power-aware localized routing in wireless networks," IEEE Transactions on Parallel and Distributed Systems, vol. 12, pp. 1122– 1133, November 2001.

[3] L.M. Feeney, and M. Nilsson, " Investigating the energy consumption of a wireless network interface in an ad hoc networking environment," in Proc. IEEE INFOCOM, 2001.

[4] C.-K, Toh, " Maximum battery life routing to support ubiquitous mobile computing in wireless ad hoc networks," IEEE Comm. Magazine, vol. 39, pp. 138– 147, June 2001.

[5] M. Krunz, A. Muqattash and S.-J. Lee, " Transmission power control in wireless ad hoc networks: challenges, solutions and open issues," IEEE Network, vol. 18, pp. 8– 14, Sep.-Oct. 2004.

[6] V. Kawadia, P.R. Kumar, " Principles and protocols for power control in wireless ad hoc networks," IEEE JSAC, vol. 23, pp. 76– 88, January 2005.

[7] Laura Marie Feeney, " An energy consumption model for performance analysis of routing protocols for mobile ad hoc networks," ACM J. Mobile Networks and Applications, vol. 3, pp. 239-250, June 2001.

[8] Toh, C.-K.; Cobb, H.; Scott, D.A.; "Performance evaluation of battery-life-aware routing schemes for wireless ad hoc networks," in Proc. IEEE ICC, June 2001.

[9] J.-H. Chang and L. Tassiulas, "Energy Conserving Routing in Wireless Ad-hoc Networks," in Proc. IEEE INFOCOM, March 2000.

[10] M. Maleki, K. Dantu, and M. Pedram, "Lifetime prediction routing in mobile ad hoc networks," in Proc. IEEE Wireless Communications and Networking Conf., March 2003.

[11] Weifa Liang; Yang Yuansheng, "Maximizing battery life routing in wireless ad hoc networks," in Proc. 37th Hawaii Int'l Conf., IEEE Computer Society, January 2004.

[12] A. Boukerche, H. II. Owens, "Energy aware routing protocol for mobile and wireless ad hoc networks," in Proc. 28th IEEE Int'l Conf. on Local Computer Networks, October 2003.

[13] Bansal, S.; Shorey, R.; Misra, A.; "Comparing the routing energy overheads of ad-hoc routing protocols," IEEE Wireless Communications and Networking Conf., vol. 4, March 2003.

[14] Josh Broch, David A. Maltz, David B. Johnson, Yih-Chun Hu, Jorjeta Jetcheva, "A performance comparison of multi-hop wireless ad hoc network routing protocols," in Proc. 4th ACM/IEEE Int'l Conf. on Mobile Computing and Networking, October 1998.

[15] Jae-Hwan Chang, Leandros Tassiulas, "Maximum Lifetime Routing in Wireless Sensor Networks," IEEE/ACM Transactions on networking, vol. 12, pp. 609-619, August 2004.

[16] S. Narayanaswamy, V. Kawadia, R. S. Sreenivas, and P. R. Kumar, "Power control in ad hoc networks: Theory, architecture, algorithm, and implementation of the COMPOW protocol," in Proc. Eur. Wireless Conf., 2002, pp. 156-162.

[17] V. Rodoplu and T. Meng, "Minimum Energy Mobile Wireless Networks," IEEE JSAC, vol. 17, no. 8, pp. 1333-1344, August 1999.

[18] S. Agarwal, R. H. Katz, S. V. Krishnamurthy, and S. K. Dao, "Distributed Power Control in Ad Hoc Wireless Networks," in Proc. IEEE INFOCOM, 2000, pp. 404-413.

[19] F. Patrik, K. Petteri, K. Jukka, and O. Pekka, "Lifetime Maximization for Multicasting in Energy-Constrained Wireless Networks," IEEE JSAC, vol. 23, pp. 117-126, January 2005.

[20] M. Maleki, K.. Dantu, and M. Pedram, "Power-Aware Source Routing in mobile Ad Hoc Networks," in Proc. ISLPED '02, Monterey, CA, 2002, pp. 72-75.

[21] S. Singh, M. Woo, and C.S. Raghavendra, "Power-Aware Routing in Mobile Ad Hoc Networks," in Proc. MOBICOM 98 Conf., Dallas, 1998.

[22] K. Sanzgiri, B. Dahill, B. N. Levine, C. Shields, and E. Royer, "A Secure Routing Protocol for Ad Hoc Networks," in Proc. 10th IEEE Int'l Conf. on Network Protocols, 2002, pp. 78-87.

[23] C. E. Perkins and E. M. Royer, "Ad Hoc On-Demand Distance Vector Routing," in Proc. 2nd IEEE Workshop on Mobile Comput. Syst. Appl., 1999, pp. 90-100.

[24] D.B Johnson, D.A. Maltz, Y.-C. Hu, "The Dynamic Source Routing Protocol for Mobile Ad Hoc Networks (DSR)," IETF Internet Draft, draft-ietf-manet-dsr-10.txt.

[25] C. Jones, K. Sivalingm, P. Agarwal, and J.C. Chen, "A Survey of Energy Efficient Network Protocols for Wireless Networks," ACM/Kluwer Wireless Networks, vol. 7, no. 4, pp. 343-358, August 2001.

[26] E.M. Royer and C.-K. Toh, "A Review of Current Routing Protocols for Ad Hoc Mobile Wireless Networks," IEEE personal Comm. Magazine, vol. 6, no. 2, pp. 46-55, April 1999.

[27] P. Bergamo, A. Giovanardi, A. Travasoni, D. Maniezzo, G. Mazzini and M. Zorzi, "Distributed Power Control for Energy Efficient Routing in Ad Hoc Networks," ACM/Kluwer Wireless Networks, vol. 10, pp. 29-42, 2004.

[28] K. Scott and N. Bambos, "Routing and Channel Assignment for Low Power Transmission in PCS," in Proc. IEEE Int'l Conf., Universal Personal Comm., 1996.

[29] Scalable Network Technologies Unveils QualNet 3.6 Software http://www.scalable-networks.com/news/press/pressreleases9.php, December 2004.

[30] C. Siva Ram Murthy and B.S. Manoj, Ad Hoc Networks Architectures and Protocols, Prentice Hall PTR, New Jersey, 2004.