Bibliography on TCP/IP Mobility

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References

- [1] SCAN project: Internet Maps. SCAN+Lucent map. http://www.isi.edu/scan/mercator/maps.html, 2005.
- [2] The RUDP homepage. http://www.javvin.com/protocolRUDP.html, 2005.
- [3] The Speex projectpage. http://www.speex.org, 2005.
- [4] A. Gulbrandsen and P. Vixie and L. Esibov. A DNS RR for specifying the location of services (DNS SRV). RFC 2782, IETF, February 2000.
- [5] Mehran Abolhasan, Tadeusz Wysocki, and Eryk Dutkiewicz. Scalable routing strategies for dynamic zone-based manets. In *IEEE Globecom*, *IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [6] A. Abouzeid, S. Roy, and M. Azizoglu. Comprehensive performance analysis of a tcp session over a wireless fading link with queuing. *IEEE Transactions on Wireless Communications*, 2(1), January 2003.
- [7] A. Acharya, A. Bakre, and B. R. Badrinath. IP Multicast Extensions for Mobile Internetworking. In *Proceedings of the IEEE Fifteenth Annual Joint Conference of the IEEE Computer Societies*. *Networking the Next Generation. INFOCOM '96*, volume 1, pages 67–71, 1996.
- [8] Arup Acharya and B. R. Badrinath. Delivering multicast messages in networks with mobile hosts. In *Proceedings of the 13th International Conference on Distributed Computing Systems*, pages 292–299, 1993.

^{*}http://www.nal.motlabs.com/~petrescu/ipmobility

[†]The bibliography has been supplemented with citations in the field of the REALMv6 project (Real-Time and Multicast Mobility in IPv6, http://www.realmv6.org).

- [9] Arup Acharya and B. R. Badrinath. A framework for delivering multicast messages in networks with mobile hosts. *Mobile Networks and Applications*, 1(2):199–219, October 1996.
- [10] C. Adjih, L. Georgiadis, P. Jacquet, and W. Szpankowski. Multicast Tree Structure and the Power Law. *IEEE Transact. on Information Theory*, 52(4):1508–1521, 2006.
- [11] P. Agrawal, A. Asthana, M. Cravatts, E. Hyden, P. Krzyzanowski, P. Mishra, B. Narendran, M. Srivastava, and J. Trotter. A testbed for mobile network computing. In *Proceedings of the IEEE International Conference on Communications, ICC 1995*, volume 1, pages 410–416, Seattle, 1995.
- [12] P. Albers and O. Camp. Security in ad hoc networks: A general intrusion detection architecture enhancing trust based approaches. In *First International Workshop on Wireless Information Systems*, 4th International Conference on Enterprise Information Systems, 2002.
- [13] Kevin C. Almeroth, Supratik Bhattacharyya, and Christophe Diot. Challenges of integrating asm and ssm ip multicast protocol architectures. In *IWDC '01: Proceedings of the Thyrrhenian International Workshop on Digital Communications*, pages 343–360, London, UK, 2001. Springer-Verlag.
- [14] Khaled M. Alzoubi, Peng-Jun Wan, and Ophir Frieder. Message-optimal connected dominating sets in mobile ad hoc networks. In *Proceedings of the Third ACM International Symposium on Mobile Ad Hoc Networking and Computing, Mobihoc* 2002, pages 157–164, 2002.
- [15] Roberto M. Amadio and Sanjiva Prasad. Modelling ip mobility. Technical report, INRIA Sophia Antipolis, 1997. http://www.inria.fr/rrrt/rr-3301.html, accessed July 2002.
- [16] J. Antonio Garcias-Macias, F. Rousseau, G. Berger-Sabbatel, L. Toumi, and A. Duda. Quality of service and mobility for the wireless internet. In *First ACM Wireless Mobile Internet Workshop*, Rome, Italy, 2001.
- [17] Jari Arkko, Vijay Devarapalli, and Francis Dupont. Using ipsec to protect mobile IPv6 signaling between mobile nodes and home agents. RFC 3776, IETF, June 2004.
- [18] H. Arora and H. Sethu. A simulation study of the impact of mobility on performance of mobile ad hoc networks. In *Applied Telecommunications Symposium*, San Diego, CA, April 2002.
- [19] Harpreet Arora and Harish Sethu. A simulation study of the feasibility of differentiated services architecture for qos in mobile ad hoc networks. In *Proceedings of Applied Telecommunication Symposium*, San Diego, CA, April 2002.
- [20] Harpreet Arora and Harish Sethu. A simulation study of the feasibility of differentiated services framework for qos in mobile ad hoc networks. Drexel University, 2002. http://www.cs.man.ac.uk/fapselj0/paper2.pdf, accessed July 15 2002.
- [21] Hitoshi Asaeda. Protocol Analysis of Any-Source Multicast and Source-Specific Multicast. Research Report PR-5080, INRIA, January 2004.
- [22] Tuomas Aura. Cryptographically Generated Addresses (CGA). RFC 3972, IETF, March 2005.
- [23] Baruch Awerbuch, David Holmer, Cristina Nita-Rotaru, and Herbert Rubens. An on-demand secure routing protocol resilient to byzantine failures. In *ACM Workshop on Wireless Security (WiSe) in conjunction with ACM MobiCom*, Atlanta, Georgia, September 2002.
- [24] Baruch Awerbuch and David Peleg. Concurrent online tracking of mobile users. In *Proceedings of the Conference on Communications Architecture and Protocols*, pages 221–233, Zrich, Switzerland, 1991.
- [25] A. Aziz. A scalable and efficient intra-domain tunnelling mobile-ip scheme. *Computer Communications Review*, 24:12–20, 1994.

- [26] Ashar Aziz. A scalable and efficient intra-domain tunneling mobile-ip scheme. *Computer Communications Review*, 24(1):12–20, 1994.
- [27] Ashar Aziz and Whitfield Diffie. Privacy and authentication for wireless local area networks. *IEEE Personal Communications*, 1(1):25–31, July 1993.
- [28] Nadjib Badache. La mobilite dans les systemes repartis. Technical Report 962, IRISA, INRIA Rennes, France, October 1995.
- [29] Leonardo Badia and Michele Zorzi. On the construction of broadcast and multicast trees in wireless multhihop networks global vs. local energy efficiency. In *IEEE Globecom*, *IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [30] B. R. Badrinath, A. Bakre, T. Imielinski, and R. Marantz. Handling mobile clients: A case for indirect interaction. In *Proceedings of Fourth Workshop on Workstation Operating Systems*, pages 91–97, 1993.
- [31] S. Bae, S. J. Lee, and M. Gerla. Multicast protocol implementation and validation in an ad hoc network testbed. In *Proceedings of ICC 2001*, Helsinki, Finland, June 2001.
- [32] S. H. Bae, S.-J. Lee, and M. Gerla. Unicast performance analysis of the odmrp in a mobile ad hoc network testbed. In *Proceedings of IEEE ICCCN 2000*, Las Vegas, NV, October 2000.
- [33] S. H. Bae, S.-J. Lee, W. Su, and M. Gerla. The design, implementation, and performance evaluation of the on-demand multicast routing protocol in multihop wireless networks. *IEEE Network*, 14(1):70–77, January 2000.
- [34] Sang Bae, Kaixin Xu, Sungwook Lee, and Mario Gerla. Measured analysis of tcp behavior across multihop wireless and wired networks. In *IEEE Globecom, IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [35] R. Bagrodia, M. Gerla, L. Kleinrock, J. Short, and J. T. Tsai. A hierarchical simulation environment for mobile wireless networks. In *Proceedings of 1995 Winter Simulation Conference*, Arlington, VA., 1995.
- [36] M. G. Baker, X. Zhao, S. Cheshire, and J. Stone. Supporting mobility in mosquitonet. In *Proceedings of the 1996 USENIX Technical Conference*, San Diego, CA, January 1996.
- [37] Mary Baker. Changing communication environments in mosquitonet. In *IEEE Proceedings of Workshop on Mobile Computing Systems and Applications*, 1994, pages 64–68, 1995.
- [38] A. Bakre and B. R. Badrinath. I-tcp: Indirect tcp for mobile hosts. In *Proceedings of the 15th International Conference on Distributed Computing Systems*, pages 136–143, 1995.
- [39] Ajay Bakre and Badrinath B. R. Handoff and system support for indirect tcp/ip. In *Symposium on Mobile and Location-Independent Computing*, Ann Arbor, Michigan, 1995.
- [40] Sorav Bansal, Rajev Shorey, Shobhit Chugh, Anurag Goel, Kapil Kumar, and Archan Misra. The capacity of multi-hop wireless networks with tcp regulated traffic. In *IEEE Globecom*, *IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [41] K. Barath-Kumar and J. M. Jaffe. Routing to multiple destinations in computer networks. *IEEE Transactions on Communications*, 31:343–351, 1983.
- [42] L. Barriere et al. Robust position based routing in wireless ad hoc networks with unstable transmission ranges. In *Proceedings of the 5th ACM International Workshop on Discrete Algorithms and Methods for Mobile Computing and Communications*, pages 19–27, 2001.

- [43] S. Basagni, I. Chlamtac, V. Syrotiuk, and B. Woodward. A distance routing effect algorithm for mobility (dream). In *Proceedings of the Fourth Annual ACM/IEEE International Conference on Mobile Computing and Networking, MobiCom '98*, Dallas, Texas, August 1998.
- [44] S. Basagni and C. Petrioli. A scatternet formation protocol for ad hoc networks of Bluetooth devices. In *Proceedings of the IEEE Semiannual Vehicular Technology Conference*, VTC Spring 2002, Birmingham, AL, May 6–9 2002.
- [45] Stefano Basagni and Sung-Ju Lee. Special issue: Mobile ad hoc networking research, trends and applications. *Wireless Communications and Mobile Computing*, 2(5), 2002.
- [46] Elizabeth M. Belding-Royer. Hierarchical routing in ad hoc mobile networks. *Wireless Communications and Mobile Computing*, 2002.
- [47] Elizabeth M. Belding-Royer. Report on the aodv interop. Technical Report 2002-18, UCSB, June 2002.
- [48] M. Bergamo et al. System design specification for mobile multimedia wireless network mmwn. Technical Report DARPA Project DAAB07-95-C-D156, DARPA, October 1996.
- [49] Christian Bettstetter. Mobility Modeling in Wireless Networks: Categorization, Smooth Movement, and Border Effects. *ACM Mobile Computing and Communications Review*, 5(3):55–67, July 2001.
- [50] Christian Bettstetter, Hannes Hartenstein, and Xavier Pérez-Costa. Stochastic Properties of the Random Waypoint Mobility Model. *Wireless Networks*, 10(5):555–567, September 2004. Special Issue on Modeling and Analysis of Mobile Networks.
- [51] Christian Bettstetter, Anton Riedl, and Gerhard Gessler. Interoperation of mobile ipv6 and protocol independent multicast dense mode. In *Proceedings of the Workshop on Wireless Networks and Mobile Computing, International Conference on Parallel Processing*, Toronto, Canada, August 2000.
- [52] P. Bhagwat and C. Perkins. A mobile networking system based on internet protocol (ip). In *Proc. USENIX Symp. on Mobile and Location Independent Comp.*, pages 69–82, Cambridge, MA, August 1993.
- [53] P. Bhagwat and C. Perkins. A mobile networking system based on internet protocol. *IEEE Personal Communications*, 1(1):32–41, 1994.
- [54] P. Bhagwat, C. Perkins, and S. Tripathi. Network layer mobility: An architecture and survey. *IEEE Personal Communications*, 3(3):54–64, June 1996.
- [55] Pravin Bhagwat, Ibrahim Korpeoglu, Chatschik Bisdikian, Mahmoud Naghshineh, and Satish K. Tripathi. Bluesky: A cordless networking solution for palmtop computers. In *Proceedings of the Fifth Annual ACM/IEEE International Conference on Mobile Computing and Networking*, pages 69–76, 1999.
- [56] Pravin Bhagwat, Partho Mishra, and Satish K. Tripathi. Effect of topology on performance of reliable multicast communication. In *IEEE Infocom*, June 1994.
- [57] S. Bhargava and D. Agrawal. Security enhancements in aodv protocol for wireless ad hoc networks. In *Proceedings of Vehicular Technology Conference*, 2001.
- [58] V. Bharghavan and B. Das. Routing in ad hoc networks using minimum connected dominating sets. In *International Conference on Communications*, Montreal, Canada, June 1997.
- [59] P. Bhattacharya et al. Scalable mobile data link architecture. Research Report RC 19842, IBM, December 1994.

- [60] R. Bhattacharya and A. Ephremides. Multicast routing and ressource allocation in a mobile wireless network. Technical report, University of Maryland, January 1997.
- [61] Supratik Bhattacharyya. An Overview of Source-Specific Multicast (SSM). RFC 3569, IETF, July 2003.
- [62] Ernst W. Biersack. Where is Multicast Today? Computer Communication Review, 35(5):83–84, 2005.
- [63] James R. Binkley and John McHugh. Secure mobile networking. Final report, Portland State University, March 1999.
- [64] Jim Binkley. An integrated ipsec and mobile ip for freebsd. Technical Report 01-10, Portland State University, October 2001.
- [65] Jim Binkley and John Richardson. Security considerations for mobility and firewalls. Technical report, Portland State University and Intel, 1998.
- [66] Jim Binkley and William Trost. Authenticated ad hoc routing at the link layer for mobile systems. *Wireless Networks, Kluwer Academic Publishers*, pages 139–145, 2001.
- [67] T. Blackwell, K. Chan, K. Chang, T. Charuhas, J. Gwertzman, B. Karp, H. T. Kung, D. Li, D. Lin, R. Morris, R. Polansky, D. Tang, and C. Young. Secure redirects in mobile ip. In *USENIX Summer Conference*, Boston, US, June 1994.
- [68] Trevor Blackwell, Kee Chan, Koling Chang, Thomas Charuhas, James Gwertzman, Brad Karp, H. T. Kung, W. David Li, Dong Lin, Robert Morris, Robert Polanski, Diane Tang, Cliff Young, and John Zao. Secure short-cut routing for mobile ip. In *USENIX Summer 1994 Technical Conference*, Boston, MA, June 1994.
- [69] Ljubica Blazevic, Silvia Giordano, and Jean-Yves Le Boudec. Self organized terminode routing simulation. In *Proceedings of the Fourth ACM International Workshop on Modeling, Analysis and Simulation of Wireless and Mobile Systems*, July 2001.
- [70] Ljubica Blazevic and Jean-Yves Le Boudec. Distributed core multicast (dcm): a multicast routing protocol for many groups with few receivers. *SIGCOMM Computer Communications Review*, 29(5):6–21, October 1999.
- [71] Ljubica Blazevic and Jean-Yves Le Boudec. Scalable ip multicast for many very small groups with many senders and its application to mobility. In *Proceedings of 3rd European Personal Mobile Communications Conference EPMCC '99*, pages 13–18, Paris, France, March 1999.
- [72] J. Boleng. Efficient network layer addressing for mobile ad hoc networks. Technical Report MCS-00-09, The Colorado School of Mines, 2000.
- [73] Jeff Boleng, Tracy Camp, and V. Tolety. Mesh-based geocast routing protocols in an ad hoc network. In *Proceedings of the IEEE International Workshop on Parallel and Distributed Computing Issues in Wireless NEtworks and Mobile Computing, IPDPS*, 2001.
- [74] Gaetano Borriello and Roy Want. Embedded computation meets the world wide web. *Communications of the ACM*, 43(5), May 2000.
- [75] P. Bose, P. Morin, I. Stojmenovic, and J. Urrutia. Routing with guaranteed delivery in ad hoc wireless networks. In *International Workshop on Discrete Algorithms and Methods for Mobile Computing and Communications*, August 1999.
- [76] Linda Briesemeister and Guenter Hommel. Role-based multicast in highly mobile but sparsely connected ad hoc networks. In *Proceedings of the 2000 ACM International Symposium on Mobile Ad Hoc Networking and Computing, MobiHoc*, 2000.

- [77] J. Broch. An implementation and evaluation of mobile ipv6. Technical report, Department of Computer Science, Carnegie Mellon University, December 1997.
- [78] Josh Broch, David A. Maltz, and David B. Johnson. Supporting hierarchy and heterogeneous interfaces in multi-hop wireless ad hoc networks. In *Proceedings of the Workshop on Mobile Computing held in conjunction with the International Symposium on Parallel Architectures, Algorithms and Networks, IEEE*, Perth, Western Australia, June 1999.
- [79] 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 Mobicom* '98, 1998.
- [80] K. Brown and S. Singh. A network architecture for mobile computing. Technical report, Technical Report, Department of Computer Science, University of South Carolina, September 1995.
- [81] Kevin Brown and Suresh Singh. M-tcp: Tcp for mobile cellular networks. *ACM Computer Communication Review*, 27(5), October 1997.
- [82] T. X. Brown, S. Doshi, and Q. Zhang. Optimal power aware routing in a wireless ad hoc network. In *Proceedings of the IEEE LANMAN*, pages 102–105, 2001.
- [83] D. Bruschi and E. Rosti. Secure multicast in wireless networks of mobile hosts: Protocols and issue. *ACM-Baltzer MONET Journal, special issue on Multipoint Communication in Wireless Mobile Networks*, 2000.
- [84] Sonja Buchegger and Jean-Yves Le Boudec. The selfish node: Increasing routing security in mobile ad hoc networks. Research Report RR 3354, IBM, May 2001.
- [85] Sonja Buchegger and Jean-Yves Le Boudec. Cooperative routing in mobile ad-hoc networks: Current efforts against maice and selfishness. In *Lecture Notes on Informatics, Mobile Internet Workshop, Informatik*, Dortmund, Germany, October 2002. Springer.
- [86] Sonja Buchegger and Jean-Yves Le Boudec. Nodes bearing grudges: Towards routing security, fairness and robustness in mobile ad hoc networks. In *Proceedings of the Tenth Euromicro Workshop on Parallel, Distributed and Network-based Processing*, 2002.
- [87] Sonja Buchegger and Jean-Yves Le Boudec. Performance analysis of the confidant protocol (cooperation of nodes: Fairness in dynamic ad-hoc networks). In *Proceedings of the IEEE/ACM Symposium on Mobile Ad Hoc Networking and Computing, MobiHOC*, 2002.
- [88] D. Buchholz, P. Odlzko, M. Taylor, and R. White. White: Wireless in-building network architecture and protocols. *IEEE Network Magazine*, 5(6):31–38, November 1991.
- [89] Louise Burness, Jochen Eisl, Nikos Georganopoulos, Eleanor Hepworth, Alberto Lopez, and Jukka Manner. Qos provision and mobility management in mind access networks and ad hoc extensions. In *IST Mobile and Wireless Telecommunications Summit 2002*, pages 106–110, Thessaloniki, Greece, June 2002.
- [90] Louise Burness, Jochen Eisl, Nikos Georganopoulos, Eleanor Hepworth, Alberto Lopez, and Jukka Manner. Qos provision and mobility management in mind access networks and ad hoc extensions. In Mobile Networking Beyond 3G Internationall Workshop on Mobile IP-based Network Developments, Budapest, November 2002.
- [91] R. Caceres and L. Iftode. Improving the performance of reliable transport protocols in mobile computing environments. *IEEE JSAC*, 13(5):850–857, June 1995.
- [92] R. Caceres and V. Padmanabhan. Fast and scalable wireless handoffs in support of mobile internet audio. *ACM Journal on Mobile Networks and Applications MONET*, 3(4):351–363, 1998.

- [93] Ramon Caceres and Liviu Iftode. The effects of mobility on reliable transport protocols. In *IEEE Proceedings of the 14th International Conference on Distributed Computing Systems*, pages 12–20, 1994.
- [94] Ramon Caceres and Venkata N. Padmanabhan. Fast and scalable handoffs for wireless internet-works. In *Proceedings of the second annual ACM/IEEE International Conference on Mobile Computing and Networking, MobiCom* '96, 1996.
- [95] John Lusth Cam and Jeff Matocha. Reduced cell switching in a mobile computing environment. In *Proceedings of the Sixth Annual International Conference on Mobile Computing and Networking, MOBICOM 2000*, pages 143–154, 2000.
- [96] Daniel Camara and Alfredo F. Loureiro. A novel routing algorithm for ad hoc networks. In *Thirty third Hawaii International Conference on System Sciences*, *HICSS-33*, pages 4–7, Maui, Hawaii, USA, January 2000. http://www.siam.dcc.ufmg.br/gedoc/papers/gpsalHICCS00.ps.gz.
- [97] T. Camp, J. Boleng, B. Williams, L. Wilcox, and W. Navidi. Performance comparison of two location based routing protocols for ad hoc networks. In *Proceedings of the IEEE INFOCOM*, 2002.
- [98] Tracy Camp, Jeff Boleng, and Vanessa Davies. A survey of mobility models for ad hoc networks research. *Wireless Communications and Mobile Computing*, 2(5), 2002.
- [99] Tracy Camp and Yolanda Liu. An adaptive mesh-based protocol for geocast routing. *Journal of Parallel and Distributed Computing: Special Issue on Mobile Ad-hoc Networking and Computing*, 2002.
- [100] A. T. Campbell, J. Gomez, S. Kim, Valko A. G., and Chieh-Yih Wan. Design, implementation, and evaluation of cellular ip. *IEEE Personal Communications*, 7(4):42–49, August 2000.
- [101] A. T. Campbell, J. Gomez, S. Kim, Z. Turanyi, C-Y. Wan, and A. Valko. Comparison of ip micromobility protocols. *IEEE Wireless Communications Magazine*, 9(1), February 2002.
- [102] Andrew T. Campbell and Javier Gomez-Castellanos. IP Micro-Mobility Protocols. *Mobile Computing and Communications Review*, 4(4):45–53, October 2000.
- [103] S. Capkun, L. Buttyan, and J.-P. Hubaux. Self-organized public-key management in ad hoc wireless networks. In *ACM Workshop on Wireless Security (WiSe) in conjunction with ACM MobiCom*, Atlanta, Georgia, September 2002.
- [104] K. J. Carlberg. A routing architecture that supports mobile end systems. In *IEEE Proceedings of the Military Communications Conference, MILCOM* '92, volume 1, pages 159–164, 1992.
- [105] Claude Castelluccia. Toward a hierarchical mobile ipv6 architecture. In *Eighth IFIP Conference on High Performance Networking HPN '98*, Vienna, September 1998.
- [106] Claude Castelluccia and Gabriel Montenegro. Protecting aodv against impersonation attacks. *Mobile Computing and Communications Review*, 6(3):108–109, July 2002.
- [107] C. Castellucia. A hierarchical mobile ipv6 proposal. Technical Report 0226, INRIA, November 1998.
- [108] C. Castellucia. A hierarchical mobile ipv6 proposal. In 4th ACTS Mobile Commun. Summit, June 1999.
- [109] Claude Castellucia. A hierarchical mobility management scheme for the internet. Technical Report CSL-TR-97-736, Stanford University, California, September 1997.
- [110] Claude Castellucia. Extending mobile ip with adaptive individual paging: A performance analysis. *Mobile Computing and Communications Review*, 5(2):14–26, April 2001.

- [111] Claude Castellucia and David Jacquemin. Cbtm: A core based tree mobility management scheme for ipv6. Internal report, INRIA, 1998.
- [112] C.-C. Chaing, M. Gerla, and L. Zhang. Adaptive shared tree multicast in mobile wireless networks. In *Proceedings of IEEE GLOBECOM '98*, 1998.
- [113] Ian D. Chakeres and Luke Klein-Berndt. Aodvjr, aodv simplified. *Mobile Computing and Communications Review*, 6(3):100–101, July 2002.
- [114] S. Chakrabarty and A. Mishra. Qos issues in ad hoc wireless networks. *IEEE Communications Magazine*, pages 142–148, February 2001.
- [115] Rajiv Chakravorty, Joel Cartwright, and Ian Pratt. Practical experience with tcp over gprs. In *IEEE Globecom*, *IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [116] Robert C. Chalmers and Kevin C. Almeroth. On the topology of multicast trees. *IEEE/ACM Trans. Netw.*, 11(1):153–165, 2003.
- [117] Benjamin A. Chambers. The grid roofnet: a rooftop ad hoc wireless network. Master's thesis, MIT, June 2002.
- [118] Bjorn Chambless and Jim Binkley. Harp home agent reduncancy protocol. Technical report, Portland State University and Oregon Graduate Institute, October 1997.
- [119] R. Chandra, V. Ramasubramanian, and K. Birman. Anonymous gossip: Improving multicast reliability in mobile ad-hoc networks. In 21st International Conference on Distributed Computing Systems, 2001, pages 275–283, 2001.
- [120] Hong-Seong Chang, Byoung-Wan Kim, Chang Gun Lee, Yanghee Choi, Sang Lyul Min, Hyun Suk Yang, and Chong Sang Kim. Topological design and routing for low earth orbit saltellite networks. In *Proceedings of GLOBECOM '95*, pages 529–535, 1995.
- [121] Jae-Hwan Chang and L. Tassiluas. Energy conserving routing in wireless ad-hoc networks. In *Proceedings of the IEEE Nineteenth Annual Joint Conference of the IEEE Computer and Communications Societies, INFOCOM 2000*, volume 1, pages 22–31, 2000.
- [122] Ruay-Shiung Chang and Wei-Wen Chen. Mobility assessment on-demand (maod) routing protocol for mobile ad hoc networks. In *IEEE Globecom*, *IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [123] Ruay-Shung Chang and Yun-Sheng Yen. A Multicast Routing Protocol with Dynamic Tree Adjustment for Mobile IPv6. *Journ. Information Science and Engineering*, 20:1109–1124, 2004.
- [124] Hakima Chaouchi and Guy Pujolle. A new policy based management of mobile ip users. *Lecture Notes in Computer Science*, 2345:1099, 2002.
- [125] B. Chen, K. Jamieson, H. Balakrishnan, and R. Morris. Span: An energy-efficient coordination algorithm for topology maintenance in ad hoc wireless networks. In *Proceedings of MOBICOM*, 2001.
- [126] Ling Chen, Kaining Lu, Zhigang Jin, and Bing Liang. Enhancement of the on-demand multicast routing protocol in the ad hoc network. In *IEEE Canadian Conference on Electrical and Computer Engineering*, volume 3, pages 1511–1515, 2002.
- [127] Shigang Chen and K. Nahrstedt. Distributed quality-of-service routing in ad hoc networks. *IEEE Journal on Selected Areas in Communications*, 17(8):1488–1505, August 1999.
- [128] T.-W. Chen. *Efficient Routing and Quality of Service Support for Ad Hoc Wireless Networks*. PhD thesis, University of California Los Angeles, 1998.

- [129] T.-W. Chen and M. Gerla. Global state routing: A new routing scheme for ad-hoc wireless networks. In *Proceedings of IEEE ICC '98*, 1998.
- [130] T.-W. Chen, M. Gerla, and J. T. Tsai. Qos routing performance in a multi-hop, wireless networks. In *Proceedings of IEEE ICUPC '97*, 1997.
- [131] W. Chen and E. Lin. Route optimization and location updates for mobile hosts. In *Proceedings of the 16th IEEE International Conference on Distributed Computing Systems*, pages 319 326, May 1996.
- [132] W. Chen, E. Lin, and H. Wei. Dynamic location control for mobile nodes. Technical Report 97-CSE-10, Southern Methodist University, 1997.
- [133] Wei-Peng Chen and Jennifer C. Hou. Dynamic, ad-hoc source routing with connection-aware link-state exchange and differentiation. In *IEEE Globecom*, *IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [134] Wenli Chen, Nitin Jain, and S. Singh. Anmp: Ad hoc network management protocol. *IEEE Journal on Selected Areas in Communications*, 17(8):1506–1531, August 1999.
- [135] Yuh-Shyan Chen, Tzung-Shi Chen, and Ching-Jang Huang. Som: Spiral-fat-tree based on-demand multicast protocol in a wireless ad-hoc network. In *Proceedings of the 15th International Conference on Information Networking*, pages 17–24, 2001.
- [136] Zong Da Chen, HT Kung, and Dario Vlah. Ad hoc relay wireless networks over moving vehicles on highways. In *The ACM Symposium on Mobile Ad Hoc Networking and Computing, MobiHoc* 2001, *Poster Paper*, October 2001.
- [137] Christine Cheng, Ravi Jain, and Eric van den Berg. Location Prediction Algorithms for Mobile Wireless Systems. In Borko Furht and Mohammad Ilyas, editors, *Wireless Internet Handbook. Technologies, Standards, and Applications*, pages 245–263. CRC Press, Florida, 2003.
- [138] Lin Tan Cheng, Kin Mun Lye, and Stephen Pink. A fast handoff scheme for wireless networks. In *Proceedings of the second ACM International Workshop on Wireless Mobile Multimedia*, pages 83–90, Seattle, Washington, USA, August 1999.
- [139] S. Cheshire and M. G. Baker. Internet mobility 4x4. In *Proceedings of the ACM SIGCOMM'96 Conference*, pages 318–329, Stanford University, CA, August 1996.
- [140] M. Cheung and J. Mark. Effect of mobility on qos provisioning in wireless communications networks. In *Wireless Communications and Networking Conference*, volume 1, pages 306–310, 1999.
- [141] Kuang-Hwei Chi, Chien-Chao Tseng, and Ting-Lu Huang. A framework for mobile multicast using dynamic route reconstructions. *The Computer Journal*, 42(6), 1999.
- [142] C.-C. Chiang. Wireless Network Multicasting. PhD thesis, University of California Los Angeles, 1998.
- [143] C.-C. Chiang and M. Gerla. Routing in clustered multihop mobile wireless networks. Proceedings of 11th International Conference on Information Networking.
- [144] C.-C. Chiang and M. Gerla. Routing and multicast in multihop, mobile wireless networks. In *Proceedings of IEEE ICUPC '97*, 1997.
- [145] C.-C. Chiang and M. Gerla. On-demand multicast in mobile wireless networks. In *Proceedings of IEEE ICNP* '98, 1998.
- [146] C.-C. Chiang, M. Gerla, and L. Zhang. Forwarding group multicast protocol (fgmp) for multihop, mobile wireless networks. *ACM-Baltzer Journal of Cluster Computing: Special Issue on Mobile Computing*, 1(2), 1998.

- [147] C.-C. Chiang, H.-K. Wu, W. Liu, and M. Gerla. Routing in clustered multihop mobile wireless networks with fading channel. In *Proceedings of IEEE Singapore International Conference on Networks, SICON '97*, 1997.
- [148] Ching-Chuan Chiang, Mario Gerla, and Lixia Zhang. Shared tree wireless network multicast. In *Proceedings of IEEE 6th International Conference on Computer Communications and Networks, ICCCN '97*, 1997.
- [149] V. Chikarmane. Network support for mobile hosts in a tcp/ip internetwork. Technical report, Department of Computer Science, University of Saskatchewan, August 1995.
- [150] V. Chikarmane, R. Bunt, and C. Williamson. Mobile ip-based multicast as a service for mobile hosts. In *Second International Workshop on Services in Distributed and Networked Environments*, pages 11–18, 1995.
- [151] V. Chikarmane et al. Multicast support using mobile ip: Design issues and proposed architectures. *ACM/Baltzer Journal on Mobile Networks and Applications*, 3(4):365–379, 1998.
- [152] V. Chikarmane, Carey L. Williamson, Richard B. Bunt, and Wayne L. Makrell. Multicast support for mobile hosts using mobile ip: Design issues and proposed architecture (mom protocol). *ACM/Baltzer Mobile Networks and Applications*, 3(4), 1998.
- [153] V. Chikarmane, Carey L. Williamson, Richard B. Bunt, and Wayne L. Makrell. Performance evaluation of the mom mobile multicast protocol. *ACM/Baltzer Mobile Networks and Applications*, 3:189–201, 1998.
- [154] F. M. Chiussi, D. A. Khotimsky, and S. Krishnan. A network architecture for mpls-based micromobility. In *Proceedings of the IEEE Wireless Communications and Networking Conference, WCNC* '02, Orlando, FL, March 2002.
- [155] Fabio M. Chiussi, Denis A. Khotimsky, and Santosh Krishnan. Mobility management in third-generation all-ip networks. *IEEE Communications Magazine*, pages 124–135, September 2002.
- [156] G. Cho and L. F. Marshall. A multicast service for mobile computing. In *Proceedings of the 6th IEEE Workshop Local and Metropolitan Area Networks*, San Diego, CA, October 1993.
- [157] G. Cho and L. F. Marshall. An efficient location and routing scheme for mobile computing environments. *IEEE Journal on Selected Areas in Communications*, 13(5), June 1995.
- [158] Hyunyong Choi and Byeong Gi Lee. A tcp agent scheme based on active buffer control to support lossless handover in broadband wireless networks. In *IEEE Globecom*, *IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [159] Michael Edward Christman. Extensions for multicast in mobile ad-hoc networks (xmman): The reduction of data overhead in wireless multicast trees. Master's thesis, Eletrical and Computer Engineering Department, Virginia Tech, July 2002. Accessed August 2002 at http://scholar.lib.vt.edu/theses/available/etd-08142002-131727/.
- [160] John C. I. Chuang and Marvin A. Sirbu. Pricing Multicast Communication: A Cost-Based Approach. *Telecommunication Systems*, 17(3):281–297, 2001. Presented at the INET'98, Geneva, Switzerland, July 1998.
- [161] Byung-Gon Chun. Evaluation of scheduling algorithms in mobile ad hoc networks. Master's thesis, Stanford University, May 2002.
- [162] Byung-Gon Chun and Mary Baker. Evaluation of packet scheduling algorithms in mobile ad hoc networks. *Mobile Computing and Communications Review*, 6(3):36–49, July 2002.
- [163] David D. Clark and John T. Wrocławski. The personal router whitepaper. Technical report, MIT Laboratory for Computer Science, 2001.

- [164] Danny Cohen, J. B. Postel, and R. Rom. IP Addressing and Routing in a Local Wireless Network. Technical report, University of Southern California, July 1991.
- [165] Reuven Cohen, Baiju Patel, and Adrian Segall. Handover in a micro-cell packet switched mobile network. In *Fourteenth Annual Joint Conference of the IEEE Computer and Communications Societies*, volume 2, pages 496–503, 1995.
- [166] J. Corella, A. Mihailovic, N. Georganopoulos, and A. H. Aghwami. Analysis of multicast for mobility protocol for ipv6 networks. In *The Fourth International Syposium on Wireless Personal Multimedia Communications, WPMC '01*, Aalborg, Denmark, September 2001.
- [167] M. S. Corson. Issues in supporting quality of service in mobile ad hoc networks. In *Proceedings of IWQOS 97*, May 1997.
- [168] M. S. Corson and A. Ephremides. A distributed routing algorithm for mobile wireless networks. *ACM/Baltzer Wireless Networks Journal*, 1(1):61 81, February 1995.
- [169] M. Scott Corson and Stephen G. Batsell. A reservation-based multicast (rbm) routing protocol for mobile networks: Initial route construction phase. *ACM Journal on Wireless Networks*, 1995.
- [170] M. Scott Corson and Alan O'Neill. An approach to fixed/mobile converged routing. Technical Report TR-2000-5, Institute for Systems Research Technical Report, 2000. http://www.isr.umd.edu/TechReports/ISR/2000/TR_2000-5/TR_2000-5.phtml Accessed July 2001.
- [171] S. Corson and A. Ephremides. A distributed routing algorithm for mobile radio networks. In *Proceedings of Military Communications Conference*, 1989.
- [172] Xavier Perez Costa, Ralf Schmitz, Hannes Hartenstein, and Marco Liebsch. A mipv6, fmipv6 and hmipv6 handover latency study: Analytical approach. In *IST Mobile and Wireless Telecommunications Summit 2002*, pages 100–105, Thessaloniki, Greece, June 2002.
- [173] Bridget Dahill, Brian Neil Levine, Elizabeth Royer, and Clay Shields. A secure routing protocol for ad hoc networks. Technical Report UM-CS-2001-037, University of Michigan, University of Michigan, August 2001.
- [174] Bridget Dahill, Kimaya Sazgiri, Brian Levine, Elizabeth Belding-Royer, and Clay Shields. A secure routing protocol for ad hoc networks. In *Proceedings of the 10th Conference on Network Protocols*, 2002.
- [175] M. Danzeisen. *Secure Mobile IP Communication*. Diploma thesis, Institute of Computer Science and Applied Mathematics, May 2001.
- [176] Marc Danzeisen and Torsten Braun. Access of mobile ip users to firewall protected vpns.
- [177] B. Das, R. Sivakumar, and Bharghavan V. Routing in ad-hoc networks using a spine. In *International Conference on Computers and Communications Networks*, Las Vegas, NV, September 1997.
- [178] S. Das, A. McAuley, A Misra, and S. K. Das. A comparison of mobility protocols for quasi-dynamic networks. In *Proceedings of the 2000 IEEE Wireless Communications and Networking Conference, WCNC 2000*, pages 1569–1574, September 2000.
- [179] S. Das, A. Misra, and P. Agrawal. Telemip: Telecommunications-enhanced mobile ip architecture for fast intradomain mobility. *IEEE Personal Communications*, 7(4):50–58, August 2000.
- [180] S. Das and R. Sengupta. Comparative performance evaluation of routing protocol for mobile, ad hoc networks. In *Proceedings of the Seventh IEEE International Conference on Computer Communications and Networks*, 1998.

- [181] S. K. Das, B. S. Manoj, and C. Siva Ram Murthy. Weight based multicast routing protocol for ad hoc wireless networks. In *IEEE Globecom*, *IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [182] S. R. Das, C. E. Perkins, and E. M. Royer. Performance comparison of two on-demand routing protocols for ad hoc networks. In *Proceedings of the IEEE Nineteenth Annual Joint Conference of the IEEE Computer and Communications Societies, INFOCOM 2000*, volume 1, pages 3–12, 2000.
- [183] Subir Kumar Das, B. S. B. S. Manoj, and C. Siva Ram Murthy. A dynamic core based multicast routing protocol for ad hoc wireless networks. In *Proceedings of the Third ACM International Symposium on Mobile Ad Hoc Networking and Computing, Mobihoc* 2002, pages 24–35, 2002.
- [184] Swades De, Sajal K. Das, Hongyi Wu, and Chunming Qiao. Trigger-based distributed qos routing in mobile ad hoc networks. *Mobile Computing and Communications Review*, 6(3):22–35, July 2002.
- [185] Douglas S. J. De Couto, Daniel Aguayo, Benjamin A. Chambers, and Robert Morris. Effects of loss rate on ad hoc wireless routing. Technical Report MIT-LCS-TR-836, MIT Laboratory for Computer Science, March 2002.
- [186] Douglas S. J. De Couto and Robert Morris. Location proxies and intermediate node forwarding for practical geographic forwarding. Technical Report MIT-LCS-TR-824, MIT Laboratory for Computer Science, June 2001.
- [187] Stephen E. Deering. Host Extensions for IP Multicasting. RFC 1112, IETF, August 1989.
- [188] Stephen E. Deering, William C. Fenner, and Brian Haberman. Multicast Listener Discovery (MLD) for IPv6. RFC 2710, IETF, October 1999.
- [189] A. Delgado, A. Mihailovic, N. Georganopuols, and H. Aghvami. Evaluating the performance of transport protocols over mmp. In *Proceedings of the Londom Communications Symposium, LCS* 2000, London, UK, September 2000.
- [190] A. Delgado, A. Mihailovic, N. Georganopuols, and H. Aghvami. Adaptation of transport protocols for an ip micromobility scheme. In *International Conference on Communications*, *ICC* 2001, Helsinki, Finland, June 11–14 2001.
- [191] Hongmei Deng, Wei Li, and Dharma P. Agrawal. Routing security in wireless ad hoc networks. *IEEE Communications Magazine*, 40(10):70–75, October 2002.
- [192] V. Devarapalli and D. Sidhu. Mzr: A multicast protocol for mobile ad hoc networks. In *IEEE International Conference on Communications, ICC 2001*, volume 3, pages 886–891, 2001.
- [193] Dfn videokonfenenzportal. http://www.vc.shuttle.de, 2001.
- [194] D. Dharmaraju, A. Roy-Chowdury, P. Hovareshti, and J. S. Baras. Inora a unified signaling and routing protocol in mobile adhoc networks. Technical Research Report CSHCN TR 2002-18, ISR TR 2002-33, Center for Satellite and Hybrid Communication Networks, University of Maryland, 2002.
- [195] M. L. Diagne, T. Noel, and J.-J. Pansiot. Extension of service location protocol for ipv6 communication mobility. In *IEEE Pacific Rim Conference on Communications, Computers and Signal Processing, PACRIM 2001*, volume 2, pages 495–497, 2001.
- [196] A. Dixit, V. Gupta, and V. Lancki. Mobile-ip for linux. Technical report, University of New York, November 1994.
- [197] Danny Dolev, Osnat Mokryn, and Yuval Shavitt. On multicast trees: structure and size estimation. *IEEE/ACM Trans. Netw.*, 14(3):557–567, 2006.

- [198] Sheetalkumar Doshi, Shweta Bhandare, and Timothy X Brown. An on-demand minimum energy routing protocol for a wireless ad hoc network. *Mobile Computing and Communications Review*, 6(3):50–66, July 2002.
- [199] R. Dube, C. D. Rais, K. Wang, and S. K. Tripathi. Signal stability-based adaptive routing (ssr) for ad hoc mobile networks. *IEEE Personal Communications*, 4(1):36–45, 1997.
- [200] D. Duchamp, S. K. Feiner, and G. Q. Maguire Jr. Software technology for wireless mobile computing. *IEEE Network*, 5(6):12–18, November 1991.
- [201] A. Dutta, R. Jain, K. D. Wong, J. Burns, K. Young, and H. Schulzrinne. Multilayered mobility management for survivable network. In *Proceedings of Milcom*, October 2001.
- [202] P. Eardley, A. Mihailovic, and T. Suihko. A framework for the evaluation of ip mobility protocols. In *The 11th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC 2000*, pages 451–457, London, UK, September 2000.
- [203] Phil Eardley and Robert Hancock. Modular ip architectures for wireless mobile access. In *Second International BRAIN Workshop*, Yokosuka, February 2001.
- [204] Jochen Eisl, Louise Burness, Eleanor Hepworth, Indrek Peri, and Matthias Riedel. Aspects of quality of service in connected ad ho networks. In *Mobile Networking Beyond 3G Internationall Workshop on Mobile IP-based Network Developments*, Budapest, November 2002.
- [205] Hala Elaarag. Improving tcp performance over mobile networks. *ACM Computing Surveys (CSUR)*, 34(3):357–374, September 2002.
- [206] M. Endler. An atomic multicast protocol for mobile computing. In *Third International Workshop on Discrete Algorithms and Methods for Mobile Computing and Communications, DIALM 99*, Seattle WA, 1999.
- [207] Paal Engelstad, Do Van Thanh, and Tore E. Jonvik. Name resolution in mobile ad-hoc networks. In *Proceedings of the 10th IEEE International Conference on Telecommunications, ICT 2003*, Papeete, Tahiti, 2003.
- [208] Anthony Ephremides. Ad hoc networks: Not an ad hoc field anymore. *Wireless Communications and Mobile Computing*, 2(5), 2002.
- [209] Thierry Ernst. The mobile next generation internet. In *Extended abstract for the 5th CaberNet Radicals Workshop*, Valadares, Portugal, July 1998.
- [210] Thierry Ernst. *Le Support de Reseaux Mobiles dans IPv6*. PhD thesis, INRIA Grenoble, Universite, 2001.
- [211] Thierry Ernst, Claude Castelluccia, and Hong-Yon Lach. Les reseaux mobiles dans ipv6. In *13eme Congres DNAC '99 (De Nouvelles Architectures pour les Communications)*, Paris, France, December 1999. Ministere Charge des Telecoms.
- [212] Thierry Ernst, Claude Castelluccia, and Hong-Yon Lach. Extending mobile ipv6 with multicast to support mobile networks in ipv6. In *ECUMN '00*, Colmar, France, October 2000.
- [213] Thierry Ernst and Keisuke Uehara. Connecting automobiles to the internet. In *The 3rd International Workshop on ITS Telecommunications, ITST*, November 2002.
- [214] Deborah Estrin, Ramesh Govindan, and John Heidemann. Embedding the internet. *Communications of the ACM*, 43(5), May 2000.
- [215] Yuguang Fang and Imrich Chlamtac. Analytical Generalized Results for Handoff Probability in Wireless Networks. *IEEE Transactions on Communications*, 50(3):396–399, March 2002.

- [216] Daniel b. Faria and David R. Cheriton. Dos and authentication in wireless public access networks. In *ACM Workshop on Wireless Security (WiSe) in conjunction with ACM MobiCom*, Atlanta, Georgia, September 2002.
- [217] A. Fasbender, D. Kesdogan, and O. Kubitz. Variable and scalable security: Protection of location information in mobile ip. In *IEEE 46th Vehicular Technology Conference*, volume 2, pages 963–967, 1996.
- [218] Bill Fenner, Brian Haberman, Hugh Holbrook, and Isidor Kouvelas. Multicast Source Notification of Interest Protocol. Internet Draft work in progress (expired) 05, IETF, March 2004.
- [219] Bill Fenner, Mark Handley, Hugh Holbrook, and Isidor Kouvelas. Protocol Independent Multicast Sparse Mode (PIM-SM): Protocol Specification (Revised). RFC 4601, IETF, August 2006.
- [220] L. Fenney and M. Nilsson. Investigating the energy consumption of a wireless network interface in an ad hoc networking environment. In *IEEE INFOCOM*, 2001.
- [221] A. Festag and A. Wolisz. Mombasa: Mobility support a multicast-based approach. In *Proceedings of European Wireless 2000 together with ECRR 2000*, Dresden, Germany, September 2000.
- [222] B. Feustel and T. C. Schmidt. Media objects in time a multimedia streaming system. *Computer Networks*, 37(6):727–735, November 2001.
- [223] N. A. Fikouras, K. El Malki, S. R. Cvetkovic, and M. Kraner. Performance analysis of mobile ip handoffs. In *Asia Pacific Microwave Conference*, volume 3, pages 770–773, 1999.
- [224] N. A. Fikouras, K. El Malki, S. R. Cvetkovic, and C. Smythe. Performance of tcp and udp during mobile ip handoffs in single-agent subnetworks. In *IEEE Proceedings of the Wireless Communications and Networking Conference WCNC 1999*, volume 3, pages 1258–1262, September 1999.
- [225] N. A. Fikouras and C. Gorg. Performance comparison of hinted- and advertisement-based movement detection for mobile ip handoffs. *Computer Networks*, 2001.
- [226] G. Finn. Routing and addressing problems in large metropolitan-scale internetworks. Technical Report ISU/RR-87-180, ISI, March 1987.
- [227] Anne Fladenmuller and Ramil De Silva. The effect of mobile ip handoffs on the performance of tcp. *Mobile Networks and Applications*, 4:131 135, 1999.
- [228] E. Fleury and H. Koubaa. A performance study of a service covering protocol in ad hoc networks. In *Proceedings of the Ninth IEEE International Conference on Networks*, pages 87–92, 2001.
- [229] E. Fleury and H. Koubaa. Service location protocol overhead in the random graph model for ad hoc networks. In *Proceedings of the Seventh International Symposium on Computer and Communications, ISCC* 2002, pages 49–54, 2002.
- [230] D. Forsberg, J. T. Malinen, J. K. Malinen, and H. H. Kari. Increasing communication availability with signal-based mobile controlled handoffs. In *IP based Cellular Networks, IPCN 2000*, Paris, France, 2000.
- [231] D. Forsberg, J. T. Malinen, T. Malinen J. K.and Weckstrom, and M. Tiusanen. Distributing mobility agents hierarchically under frequent location updates. In *Proceedings of the 1999 IEEE International Workshop on Mobile Multimedia Communications, MoMuC '99*, pages 159–168, November 1999.
- [232] Dan Forsberg. Communication availability with mobile ip in wireless lans. Master's thesis, Helsinki University of Technology, March 2000.
- [233] Robert Joseph Fowler. The complexity of using forwarding addresses for decentralized object finding. In *Proceedings of the Fifth Annual Symposium on Principles of Distributed Computing*, pages 108–120, August 1986.

- [234] Paul Francis and Ramesh Govindan. Flexible routing and addressing for a next generation ip. In *Proceedings of the Conference on Communications Architectures, Protocols and Applications, SIG-COMM*, pages 116–125, 1994.
- [235] Matthias Frank, Hong-Yon Lach, Marc Vorwerk, and Michael Wolf. Delivery of ip services to vehicles the path to overdrive. In *IST Summit*, 2002.
- [236] X. Fu, H. Karl, and C. Kappler. Qos-conditionalized handoff for mobile ipv6. In Springer Verlag, editor, *Proceedings of the Second IFIP-TC6 Networking Conference Networking 2002*, May 2002.
- [237] Deepak Ganesan, Ramesh Govindan, Scott Shenker, and Deborah Estrin. Highly-resilient, energy-efficient multipath routing in wireless sensor networks. *Mobile Computing and Communications Review*, 5(4):10–24, October 2001.
- [238] J. J. Garcia-Luna-Aceves, C. L. Fullmer, E. Madruga, D. Beyer, and T. Frivold. Wireless internet gateways (wings). In *Proceedings of MILCOM 1997*, volume 3, pages 1271 1276, 1997.
- [239] J. J. Garcia-Luna-Aceves and E. L. Madruga. The core-assisted mesh protocol (camp). *IEEE Journal on Selected Areas in Communications*, 17(8):1380–1394, August 1999.
- [240] J. J. Garcia-Luna-Aceves and M. Spohn. Efficient routing in packet-radio networks using link-state information. In *Proceedings of the IEEE Wireless Communications and Networking Conference, WCNC*, volume 3, pages 1308–1312, 1999.
- [241] J. J. Garcia-Luna-Aceves and M. Spohn. Source-tree routing in wireless networks. In *Proceedings* of the Seventh International Conference on Network Protocols, ICNP '99, November 1999.
- [242] M. Gerla, C.-C. Chiang, and L. Zhang. Tree multicast strategies in mobile, multihop wireless networks. *ACM/Baltzer Mobile Networks and Applications*, 4(3), 1999.
- [243] M. Gerla, X. Hong, and G. Pei. Landmark routing for large ad hoc wireless networks. In *Proceedings of IEEE GLOBECOM 2000*, San Francisco, CA, November 2000.
- [244] M. Gerla, T. J. Kown, and G. Pei. On demand routing in large ad hoc wireless networks with passive clustering. In *Proceedings of IEEE WCNC 2000*, Chicago, IL, September 2000.
- [245] M. Gerla, G. Pei, and S.-J. Lee. Wireless, mobile ad-hoc network routing. Presented at IEEE/ACM FOCUS '99, May 1999. New Brunswick, NJ.
- [246] Mario Gerla and Jack Tzu-Chieh. Multicluster, mobile, multimedia radio network. *Baltzer Journals*, July 1995.
- [247] Mona Ghassemian and A. Hamid Aghvami. Comparing different handoff schemes in ip based micromobility protocols. In *IST Mobile and Wireless Telecommunications Summit 2002*, pages 95–99, Thessaloniki, Greece, June 2002.
- [248] Austin Godber and Partha Dasgupta. Secure wireless gateway. In *ACM Workshop on Wireless Security (WiSe) in conjunction with ACM MobiCom*, Atlanta, Georgia, September 2002.
- [249] T. Goff, N. Abu-Ghazaleh, D. Pathak, and R. Kahvecioglu. Preemptive routing in ad hoc networks. In *Proceedings of ACM MobiCom*, 2001.
- [250] L. Gong and N. Schacham. Multicast security and its extension to a mobile environment. *Wireless Networks*, 1(3):281–295, October 1995.
- [251] H. Gossain, S. Kamat, and D. P. Agrawal. A framework for handling multicast source movement over mobile-ip. In *IEEE ICC*, May 2002.
- [252] Hrishikesh Gossain, Carlos de Morais Cordeiro, and Dharma P. Agrawal. Multicast: Wired to wireless. *IEEE Communications Magazine*, pages 116–123, June 2002.

- [253] Ramesh Govindan and Hongsuda Tangmunarunkit. Heuristics for internet map discovery. In *Proceedings IEEE INFOCOM 2000*, volume 3, pages 1371–1380, Tel Aviv, Israel, March 2000. IEEE Computer Society.
- [254] C. Graff, M. Bereschinsky, M. Patel, and L. F. Chang. Application of mobile ip to tactical mobile internetworking. In *Proceedings of the IEEE Military Communications Conference MILCOM '98*, volume 2, pages 409–414, 1998.
- [255] C. Graff, J. Vassallo, L. Dworkin, and K. Walker. Mobile multimedia communication for the tactical battlefield. In *Proceedings of the IEEE Military Communications Conference MILCOM '98*, volume 2, pages 467–473, October 1998.
- [256] Antonio Grilo, Pedro Estrela, and Mario Nunes. Terminal independent mobility for ip (tipmip). *IEEE Communications Magazine*, 39(12):34–41, December 2001.
- [257] J. Grimminger and H. P. Huth. Mobile mpls an mpls-based micro mobility concept. In *WL World Research Forum*, *Mtg. 3*, Stockholm, Sweden, September 2001.
- [258] D. L. Gu, G. Pei, M. Gerla, and X. Hong. Integrated hierarchical routing for heterogeneous multi-hop networks. In *Proceedings of IEEE MILCOM 2000*, Los Angeles, CA, October 2000.
- [259] D. L. Gu, G. Pei, M. Gerla, and X. Hong. Uav aided intelligent routing for ad hoc wireless networks. In *Proceedings of IEEE WCNC 2000*, Chicago, IL, September 2000.
- [260] Pascal Guerin. Radionet driver implementation for the mobile internet router. Technical report, KTH Teleinformatik, Stockholm, June 1994. http://www.it.kth.se/labs/ccs/WS/ws.publications.html.
- [261] Song Guo and Oliver W. Yang. Performance of backup source routing (bsr) in mobile ad hoc networks. In *Proceedings of the IEEE Wireless Networking Conference*, pages 440–444, 2002.
- [262] S. Gupta. A client oriented, ip level redirection mechanism. Technical Report TAMU-ECE-9804, Texas A and M University, August 1998.
- [263] S. Gupta and A. L. Narasimha Reddy. A client oriented, ip level redirection mechanism. In *Proceedings of the IEEE Eighteenth Annual Joint Conference of the IEEE Computer and Communications Societies, INFOCOM '99*, pages 1461–1469, March 1999.
- [264] Vipul Gupta and Abhijit Dixit. The design and deployment of a mobility supporting network. In *Symposium on Parallel Architectures, Algorithms and Networks*, June 1996.
- [265] Vipul Gupta and Gabriel Montenegro. Secure and mobile networking. *Mobile Networks and Applications*, 3(4), 1998.
- [266] Yongjune Lee Gwon. Design and performance of mobile ip predictive handover with network layer prediction. In *IPCN 2001*, May 15-18 2001.
- [267] Z. Haas, J. Halpern, and L. Li. Gossip-based ad hoc routing. In *Proceedings of the IEEE INFOCOM*, 2002.
- [268] Zygmunt J. Haas. A new routing protocol for the reconfigurable wireless networks. In *Proceedings* of the 6th IEEE International Conference on Universal Person Communications Record, ICUPC '97, volume 2, pages 562–566, October 1997.
- [269] Zygmunt J. Haas. Wireless ad hoc networks. IEEE JSAC, August 1999.
- [270] J. Habetha and M. Nadler. Concept of a wireless centralised multihop ad hoc network. In *Proc. European Wireless 2000*, Dresden, September 2000.
- [271] J. Habetha and M. Nadler. Outline of a centralised multihop ad hoc wireless network. In *Computer Networks*, volume 37, pages 63 71, September 2001.

- [272] J. Habetha and M. Nadler de Calvo. Dynamic clustering with quality of service guarantees and forwarder selection in wireless ad hoc networks. In *Proc. Asia Pacific Conference on Communications*, Seoul, November 2000.
- [273] J. Habetha and B. Walke. Fuzzy rule-based mobility and load management for self-organizing wireless networks. *Journal of Wireless Information Networks, Special Issue on Mobile Ad Hoc Networks (MANETs): Standards, Research, Applications*, 9(2):119–140, 2002.
- [274] Wassim Haddad, Lila Madour, Jari Arkko, and Francis Dupont. Applying Cryptographically Generated Addresses to Optimize MIPv6 (CGA-OMIPv6). Internet Draft work in progress 04, IETF, May 2005.
- [275] Stathes Hadjiefthymiades, Stamatis Papayiannis, and Lazaros Merakos. Using path prediction to improve tcp performance in wireless/mobile communications. *IEEE Communications Magazine*, pages 54–61, August 2002.
- [276] R. Hager, A. Klemets, G. Q. Maguire, and M. T. Smith. Mint a mobile internet router. In *Proceedings of the 43rd IEEE Vehicular Technology Conference*, pages 318–321, May 1993.
- [277] M. Handley, H. Schulzrinne, E. Schooler, and J. Rosenberg. SIP: session initiation protocol. RFC 2543, Internet Engineering Task Force, March 1999.
- [278] Jorgen Svaerke Hansen, Torben Reich, and Birger Andersen. Tcp/ip in a mobile computing environment. Technical report, University of Copenhagen, 1995. ftp://ftp.diku.dk/diku/distlab/amigos/.
- [279] Wolfgang Hansmann, Matthias Frank, and Michael Wolf. Performance analysis of tcp handover in a wireless/mobile multi-radio environment. In *Proceedings of the 27th Annual Conference on Local Computer Networks, LCN'02*, Tampa, Florida, USA, November 2002.
- [280] Tim G. Harrison, Carey L. Williamson, Wayne L. Makrell, and Richard B. Bunt. Mobile multicast (mom) protocol: Multicast support for mobile hosts. In *Proceedings of the Third Annual ACM/IEEE International Conference on Mobile Computing and Networking, MOBICOM '97*, pages 151–160, 1997.
- [281] H. Hartenstein, K. Jonas, M. Liebsch, R. Schmitz, M. Stiemerling, and D. Westhoff. Performance of tcp in mobile in the presence of mobile ip handoffs. In *IEEE International Conference on Telecommunications*, *ICT* 2001, Bucharest, Romania, June 4-7 2001.
- [282] H. Hartenstein, K. Jonas, M. Liebsch, R. Schmitz, and H. Stuttgen. The role of mobile ip in future mobile communication networks. In *Eurescom Workshop on Mobility for all-IP Networks (MAIN)*, April 26-27 2001.
- [283] H. Hartenstein, K. Jonas, and R. Schmitz. Seamless inter-domain handoff via simultaneous bindings. In *European Wireless 2000 together with 7th European Conference on Fixed Radio Systems and Networks ECRR 2000*, Dresden, Germany, September 12-14 2000.
- [284] Hannes Hartenstein, Bernd Bochow, Andre Ebner, Matthias Lott, Markus Radimirsch, and Dieter Vollmer. Position-aware ad hoc wireless networks for inter-vehicle communications: the fleetnet project. In *Proceedings of the 2000 ACM International Symposium on Mobile Ad Hoc Networking and Computing, MobiHoc*, October 2001.
- [285] H. Haverinen, A. Kuikka, and T. Maatanen. A portable mobile ip implementation. In *Proceedings of the 25th Annual IEEE Conference on Local Computer Networks*, pages 155–162, November 2000.
- [286] H. Haverinen and J. Lemilainen. Implementation of a multimode mobile computer. In *Proceedings of International Conference on Telecommunications ICT '99*, 1999.

- [287] Oliver Heckmann, Michael Piringer, Jens Schmitt, and Ralf Steinmetz. On Realistic Network Topologies for Simulation. In *MoMeTools '03: Proceedings of the ACM SIGCOMM workshop on Models, methods and tools for reproducible network research*, pages 28–32, New York, NY, USA, August 2003. ACM Press.
- [288] Wendi Rabiner Heinzelman, Joanna Kulik, and Hari Balakrishnan. Adaptive protocols for information dissemination in wireless sensor networks. In *Proceedings of the International Conference on Mobile Computing and Networking, Mobicom 1999*, 1999.
- [289] A. Helmy. A Multicast–based Protocol for IP Mobility Support. In *Proc. of 2nd International Workshop of Networked Group Communication (NGC2000)*, pages 49–58, New York, 2000. ACM Press.
- [290] Ahmed Helmy. Multicast-based architecture for ip mobility: Simulation analysis and comparison with basic mobile ip. Technical report, USC Computer Science Department, 2000.
- [291] Ahmed Helmy. Multicast-based architecture for ip mobility: Simulation analysis and comparison with basic mobile ip. *Technology Research News (TRN)*, June 2000.
- [292] Ahmed Helmy. A multicast-based protocol for IP mobility support. In *Proceedings of NGC 2000 on Networked group communication*, pages 49–58, New York, 2000. ACM Press.
- [293] Ahmed Helmy. A multicast-based protocol for ip mobility support. In ACM 2nd International Workshop on Networked Group Communication, NGC2000, November 2000.
- [294] Thomas R. Henderson and Randy H. Katz. On distributed, geographic-based packet routing for leo satellite networks. In *Globecom* 2000, 1999.
- [295] A. Hess and G. Schafer. Performance evaluation of aaa / mobile ip authentication. Technical report, Technical University Berlin, Berlin, Germany, August 2001.
- [296] A. Hettich, A. Kadelka, and H. Kukulies. Routing protocols for wireless ad hoc atm networks. In *Proc. 2nd International Conference on ATM*, Colmar, France, June 1999.
- [297] Maarit Hietalahti. Key establishment in ad-hoc networks. Technical report, Helsinki University of Technology, 2000. Accessed August 2002 http://www.tcm.hut.fi/Opinnot/Tik-110.501/2000/papers/abstract_hietalahti.html.
- [298] Alex Hills and David B. Johnson. A wireless data network infrastructure at carnegie mellon university. *IEEE Personal Communications*, 3(1):56–63, February 1996.
- [299] Christopher Ho, Katia Obraczka, Gene Tsudik, and Kumar Viswanath. Flooding for reliable multicast in multi-hop ad-hoc networks. In *MobiCom Workshop on Discrete Algorithms and Methods for Mobility*, August 1999.
- [300] X. Hog, M. Gerla, G. Pei, and C.-C. Chiang. A group mobility model for ad hoc wireless networks. In *Proceedings of ACM/IEEE MSWiM '99*, Seattle, WA, August 1999.
- [301] H. Holbrook and B. Cain. Source-Specific Multicast for IP. RFC 4607, IETF, August 2006.
- [302] H. Holbrook, B. Cain, and B. Haberman. Using IGMPv3 and MLDv2 for Source-Specific Multicast. RFC 4604, IETF, August 2006.
- [303] Gavin Holland and Nitin Vaidya. Analysis of tcp performance over mobile ad hoc networks. In *Proceedings of the Fifth Annual ACM/IEEE International Conference on Mobile Computing and Networking*, pages 219–230, Seattle, Washington, August 1999.
- [304] X. Hong, M. Gera, Y. Yi, K. Xu, and T. Kwon. Scalable ad hoc routing in large, dense wireless networks using clustering and landmarks. In *Proceedings of ICC 2002*, New York City, New York, April 2002.

- [305] X. Hong, T. Kwon, M. Gerla, D. Gu, and G. Pei. A mobility framework for ad hoc wireless networks. In *Proceedings of ACM Second International Conference on Mobile Data Management, MDM '2001*, Hong Kong, January 2001.
- [306] Cristina Hristea and Fouad A. Tobagi. IP Routing and Mobility. In *Thyrrhenian International Workshop on Digital Communications, IWDC 2001*, volume 2170 of *Lecture Notes in Computer Science*, pages 279–294, Taormina, Italy, September 17-20 2001. Springer.
- [307] Pai-Hsiang Hsiao. Geographical region summary service for geographical routing. *Mobile Computing and Communications Review*, 5(4):25–39, October 2001.
- [308] Robert Hsieh and Aruna Senevirante. Performance analysis on hierarchical mobile ipv6 with fast-handoff over end-to-end tcp. In *IEEE Globecom*, *IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [309] Yu-Ching Hsu and Ying-Dar Lin. Base-centric routing protocol for multihop cellular networks. In *IEEE Globecom, IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [310] Yih-Chun Hu, D. B. Johnson, and A. Perrig. Sead: Secure efficient distance vector routing for mobile wireless ad hoc networks. In *Proceedings of the Fourth IEEE Workshop on Mobile Computing Sustems and Applications*, pages 3–13, 2002.
- [311] Yih-Chun Hu and David B. Johnson. Caching strategies in on-demand routing protocols for wireless ad hoc networks. In *Proceedings of the Sixth Annual International Conference on Mobile Computing and Networking, MOBICOM 2000*, Boston, Massachusetts, 2000.
- [312] Yih-Chun Hu and David B. Johnson. Implicit source routes for on-demand ad hoc network routing. In *Proceedings of the 2001 ACM International Symposium on Mobile Ad Hoc Networking and Computing*, pages 1–10, Long Beach, CA, October 2001.
- [313] Yih-Chun Hu, Adrian Perrig, and David B. Johnson. Ariadne: A secure on-demand routing protocol for ad hoc networks. Technical Report TR01-383, Rice University, Department of Computer Science, December 2001.
- [314] D. Hugo, M Siebert, and M. Lott. Handover issues in integration of next generation mobile systems and wireless ip networks. In *Eurescom Summit 2002*, pages 319–327, Heidelberg, Germany, October 2002.
- [315] T. Ihara, H. Ohnishi, and Y. Takagi. Mobile ip route optimization method for a carrier-scale ip network. In *Proceedings of the Sixth IEEE International Conference on Engineering of Complex Computer Systems*, pages 120–121, 2000.
- [316] Jon Inouye, Jim Binkley, and Jonathan Walpole. Dynamic network reconfiguration support for mobile computers. In *Proceedings of the Third Annual ACM/IEEE International Conference on Mobile Computing and Networking*, 1997.
- [317] Chalermek Intanagonwiwat, Ramesh Govindan, and Deborah Estrin. Directed diffusion: A scalable and robust communication paradigm for sensor networks. In *Proceedings of ACM Mobicom*, Boston, MA, August 2000.
- [318] International Multimedia Telecommunications Consortium (IMTC). The Emerging JVT/H.26L Video Codec Standard. ftp://ftp.imtc-files.org/jvt-experts, 2002.
- [319] Tiziano Inzerilli. Simple, a scalable intra-domain mobility protocol using local encapsulation for mobile ipv6 and mobile ip. In *IST Mobile Summit*, Galway, Ireland, 2000.
- [320] J. Ioannidis. Protocols for Mobile Internetworking. Phd thesis, Columbia University, 1993.
- [321] J. Ioannidis, D. Duchamp, and G. Q. Maguire Jr. IP-Based Protocols for Mobile Internetworking. In *Proc. ACM SIGCOMM '91*, pages 234–45, September 1991.

- [322] John Ioannidis and Gerald Q. Maguire Jr. The design and implementation of a mobile internetworking architecture. In *1992 Winter USENIX*, January 1993.
- [323] ITU-T Recommendation H.323. Infrastructure of audio-visual services systems and terminal equipment for audio-visual services: Packet-based multimedia communications systems. Technical report, 2000. Draft Version 4.
- [324] W. Ivancic. Mobile networking enabling homeland security via rapidly deployable, secure communications. Technical report, NASA Glenn Research Center, March 2002. http://roland.grc.nasa.gov/ivancic/papers_presentations/Mobile_Networking_White_Paper.pdf accessed November 2002.
- [325] William D. Ivancic, David H. Stewart, Terry L. Bell, Brian A. Kachmar, Dan Shell, and Kent Leung. Mobile router technology development. In *Proceedings of the 4th ACM International Workshop on Modeling, Analysis and Simulation of Wireless and Mobile Systems, MSWiM 2001*, pages 97 104, Rome, Italy, January 2001.
- [326] Die ivisit homepage. http://www.ivist.com, 2001.
- [327] A. Iwata, C.-C. Chiang, G. Pei, and T.-W. Chen. Scalable routing strategies for ad-hoc wireless networks. *IEEE Journal on Selected Areas in Communications, Special Issue on Ad-Hoc Networks*, August 1999.
- [328] de Calvo J. Habetha. Hierarchical time vector routing for mobile ad hoc networks. In *IEEE International Conference on Communications (ICC)*, volume 1, pages 256–260, Helsinki, June 2001.
- [329] Bijan Jabbari, Rajiv Papneja, and Esmael Dinan. Label switched packet transfer for wireless cellular networks. In *IEEE Wireless Communications and Networking Conference*, 2000.
- [330] Daniel Jackson, Yuchung NG, and Jeannette Wing. A nitpick analysis of mobile ipv6. Technical report, MIT Laboratory for Computer Science, 1997.
- [331] S. Jacob and G. Cirincione. Security of current mobile ip solutions. In *Proceedings of MILCOM 97*, volume 3, pages 1122–1128, 1997.
- [332] P. Jacquet, P. Muhletaler, A. Quayyum, A. Laouiti, Thomas Clausen, and Laurent Viennot. Optimized link state routing protocol. In *IEEE INMIC*, Pakistan, December 2001.
- [333] R. Jain, A. Puri, and R. Sengupta. Geographical routing using partial information for wireless ad hoc networks. *IEEE Personal Communications*, pages 48–57, February 2001.
- [334] R. Jan, T. Raleigh, D. Yang, Li Fung Chang, C. Graff, M. Bereschinsky, and M. Patel. Enhancing survivability of mobile internet access using mobile ip with location registers. In *Eighteenth Annual Joint Conference of the IEEE Computer and Communications Societies INFOCOM* '99, volume 1, pages 3–11, March 1999.
- [335] Milena Janic and Piet Van Mieghem. On properties of multicast routing trees. *Int. J. Commun. Syst.*, 19(1):95–114, 2006.
- [336] Christophe Janneteau, Yu Tian, Simon Csaba, Thorsten Lohmar, Hong-Yon Lach, and Rahim Tafazolli. Comparison of Three Approaches Towards Mobile Multicast. In *Proceedings of the IST Mobile & Wireless Communications Summit*, Aveiro, Portugal, June 2003.
- [337] Christophe Jelger. Multipoint et mobilite: Optimisations pour ipv6. In *Quatriemes Rencontres Francophones sur les Aspects Algorithmiques des Telecommunications*, *Algotel'02*, Meze, France, Mai 2002.
- [338] Christophe Jelger and Thomas Noel. Multicast for Mobile Hosts in IP Networks: Progress and Challenges. *IEEE Wireless Communications*, October:58–64, 2002.

- [339] Christophe Jelger and Thomas Noel. Multicast for mobile hosts in ip networks: Progress and challenges. *IEEE Wireless Communications*, 9(5), October 2002.
- [340] Christophe Jelger and Thomas Noel. Supporting Mobile SSM sources for IPv6 (MSSMSv6). Internet Draft work in progress (expired) 00, individual, January 2002.
- [341] Christophe J. Jelger and Thomas Noel. Supporting mobile ssm sources. In *IEEE Globecom*, *IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [342] Jorjeta G. Jetcheva and David B. Johnson. Adaptive demand-driven multicast routing in multi-hop wireless ad hoc networks. In *Proceedings of the 2001 ACM International Symposium on Mobile Ad Hoc Networking and Computing*, pages 33–44, Long Beach, CA, October 2001.
- [343] Lusheng Ji and M. S. Corson. A lightweight adaptive multicast algorithm. In *IEEE Global Telecommunications Conference, GLOBECOM 1998*, volume 2, pages 1036–1042, 1998.
- [344] Lusheng Ji and M. Scott Corson. Differential destination multicast a manet multicast routing protocol for small groups. In *Twentieth Annual Joint Conference of the IEEE Computer and Communications Societies*, April 2001.
- [345] Hai Jiang, Shixin Cheng, Yongmin He, and Bo Sun. Multicasting along energy-efficient meshes in mobile ad hoc networks. In *IEEE Wireless Communications and Networking Conference*, volume 2, pages 807–811, 2002.
- [346] Hang Jiang and J. J. Garcia-Luna-Aceves. Performance comparison of three routing protocols for ad hoc networks. In *Proceedings of the Tenth International Conference on Computer Communications and Networks*, pages 547–554, 2001.
- [347] Xia Jiang and Tracy Camp. A review of geocasting protocols for a mobile ad hoc network. In *Proceedings of the Grace Hoppe Celebration, GHC*, 2002.
- [348] Lai Jiunn-Ru and Liao Wanjiun. Mobile multicast with routing optimization for recipient mobility. *IEEE Transactions on Consumer Electronics*, 47(1):199–206, February 2001.
- [349] M. Joa-Ng and I. T. Lu. A peer-to-peer zone-based two-level link state routing for mobile ad-hoc wireless networks. *IEEE Journal on Selected Areas in Communications*, pages 1415–1425, August 1999.
- [350] M. Joa-Ng and I-Tai Lu. A peer-to-peer zone-based two-level link state routing for mobile ad hoc networks. *IEEE Journal on Selected Areas in Communications*, 17(8):1415–1425, August 1999.
- [351] M. Joa-Ng and K. D. Wong. IP Mobility Management for the ACN Platform. In *Proceedings of Milcom*, pages 465–469, October 2000.
- [352] Per Johansson, Tony Larsson, Nicklas Hedman, Bartosz Mileczarek, and Mikael Degermark. Scenario-based performance analysis of routing protocols for mobile ad-hoc networks. In *Proceedings of the Fifth Annual ACM/IEEE International Conference on Mobile Computing and Networking*, August 1999.
- [353] D. B. Johnson. Mobile host internetworking using ip loose source routing. Tech. Rep. CMU-CS-93-128, School of Comp. Sci., Carnegie Mellon Univ, Pittsburgh, PA, February 1993.
- [354] D. B. Johnson. Ubiquitous mobile host internetworking. In *Proceedings of the 4th Workshop on Workstation Operating Systems*, pages 85–90, October 1993.
- [355] D. B. Johnson and D. A. Maltz. Dynamic source routing in ad hoc wireless networks. In *Tomasz Imielinski and Hank Korth, editors, Mobile Computing*, pages 153 181. Kluwer Academic Publishers, 1996.

- [356] David B. Johnson. Routing in ad hoc networks of mobile hosts. In *Proceedings of the IEEE Workshop on Mobile Computing Systems and Applications*, December 1994.
- [357] David B. Johnson. Scalable and robust internetwork routing for mobile hosts. In IEEE Computer Society, editor, *Proceedings of the 14th International Conference on Distributed Computing Systems*, pages 2–11, Poznan, Poland, June 1994.
- [358] David B. Johnson. Scalable support for transparent mobile host internetworking. In Tomasz Imielinski and Hank Korth, editors, *Mobile Computing*, chapter 3, pages 103–128. Kluwer Academic Publishers, 1996.
- [359] David B. Johnson. Validation of wireless and mobile network models and simulation. In *Proceedings of the DARPA/NIST Workshop on Validation of Large-Scale Network Models and Simulation*, Fairfax, VA, May 1999.
- [360] David B. Johnson and David A. Maltz. Procotols for adaptive wireless and mobile networking. *IEEE Personal Communications*, 3(1):34–42, February 1996.
- [361] David B. Johnson and David A. Maltz. Truly seamless wireless and mobile host networking: Protocols for adaptive wireless and mobile networking. *IEEE Personal Communications*, 3(1):34–42, February 1996.
- [362] David B. Johnson, Charles Perkins, and Jari Arkko. Mobility Support in IPv6. RFC 3775, IETF, June 2004.
- [363] K. Jonas et al. Tcp performance under mobile ip handoffs survey and performance results. In *IP-Based Cellular Networks, IPCN 2001*, Paris, France, May 15-18 2001.
- [364] K. Jonas, M. Liebsch, et al. IP-based Mobile Communication. In 5-th World Multi-Conference on Systemics, Cybernetics and Informatics (SCI 2001): Invited Session on Mobile Networking beyond UMTS, Orlando, USA, July 22-25 2001.
- [365] Ulf Jonsson, Fredrik Alriksson, Tony Larsson, Per Johansson, and Gerald Q. Maguire Jr. Mipmanet mobile ip for mobile ad hoc networks. In 2000 First Annual Workshop on Mobile and Ad Hoc Networking and Computing, MobiHoc, pages 75 85, 2000.
- [366] J. Jubin and J. Tornow. The darpa packet radio network protocols. In *Proceedings of the IEEE*, volume 75,1, pages 21 32, 1987.
- [367] V. Kanodia, C. Li, A. Sabharwal, B. Sadeghi, and E. Knightly. Ordered packet scheduling in wireless ad hoc networks: Mechanisms and performance analysis. In *Proceedings of ACM MobiHoc*, Lausanne, Switzerland, July 2002.
- [368] Phil Karn. Qualcomm white paper on mobility and ip addressing. http://people.qualcomm.com/karn/papers/mobility.html, February 1997. Accessed June 2001.
- [369] B. Karp and H. T. Kung. Gpsr: Greedy perimeter stateless routing for wireless networks. In *Proceedings of the ACM/IEEE MobiCom*, August 2000.
- [370] V. Karpijoki. Security in ad hoc networks. Technical report, Helsinki University of Technology, 2000. http://www.hut.fi/vkarpijo/netsec00/netsec00_manet_sec.ps.
- [371] Andreas Kassler, Teodora Guenkova-Luy, Davide Mandatao, Peter Schoo, Ivan Armuelles, Tomas Robles, Pedro Ruiz, and Alejandro Bascunana. Enabling mobile heterogeneous networking environments with end-to-end user perceived qos the brain vision and the mind approach. In *Mobile Networking Beyond 3G Internationall Workshop on Mobile IP-based Network Developments*, Budapest, November 2002.

- [372] G. Kayser and T.N. Nguyen-Dobinsky. Komplexe Lehrszenarien in der interaktiven, zeitsynchronen, patientennahen Online Ausbildung in der Medizin. In *Proceedings of GML*² *Workshop*. TU Berlin, March 2004.
- [373] Manthos Kazantzidis, S. J. Lee, and Mario Gerla. Permissible throughput network feedback in aodv manets. In *Proceedings of ICC 2001*, Helsinki, Finland, June 2001.
- [374] Chien-An Ke and Wanjiun Liao. Reliable mobile multicast protocol [rmmp]: a reliable multicast protocol for mobile ip networks. In 2000 IEEE Wireless Communications and Networking Conference, WCNC 2000, volume 3, pages 1488–1491, 2000.
- [375] Qifa Ke, David A. Maltz, and David B. Johnson. Emulation of multi-hop wireless ad hoc networks. In *Proceedings of the IEEE Wireless Communications and Networking Conference*, Chicago, September 2000.
- [376] K. Keeton, S. Mah, B. Seshan, R. Katz, and D. Ferrari. Providing connection-oriented network services to mobile hosts. In *Proceedings of USENIX Symposium on Mobile and Location Independent Computing*, August 1993.
- [377] Mounir Kellil, Imed Romdhani, Hong-Yon Lach, Abdelmadjid Bouabdallah, and Hatem Bettahar. Multicast Receiver and Sender Access Control and its Applicability to Mobile IP Environments: A Survey. *IEEE Comm. Surveys & Tutorials*, 7(2):46–70, 2005.
- [378] Csaba Keszei, Nikos Georganopoulos, Zoltan Turanyi, and Andras Valko. Evaluation of the brain candidate mobility management protocol. In *IST Global Summit*, Barcelona, Spain, September 2001.
- [379] Y. Khouaja, K. Guilloard, and J. M. Bonnin. Hierarchical mobility controlled by the network. *Multiaccess, Mobility and Teletraffic for Wireless Communications*, 6, June 2002.
- [380] Youssef Khouaja. *Une Methode de Controle par le Reseau Appliquee a la Gestion Hierarchique de la Mobilite IPv6*. PhD thesis, Informatique, Traitement du Signal et Telecommunications, Institut de Formation en Informatique et Communication, Rennes, France, 2002.
- [381] Kee-Taek Kim, Jae-Hyun Kim, Dong-Keun Kim, and Jai-Yong Lee. Efficient explicit mobile multicast routing protocol (e2mmp). In *First International Conference on Information Technology and Applications, ICITA 2002*, pages 25–28, November 2002.
- [382] T. Kim and V. Bharghavan. Multicast routing in heterogeneous wireline/wireless environments. In *IEEE Wireless Communications and Networking Conference*, New Orleans, LA, September 1999.
- [383] G. Kirby. Locating the user. Communication International, 1995.
- [384] A. Klemets, G. Q. Maguire, F. Reichert, and M. T. Smith. Mint a mobile internet router. In *Proceedings of Global Data Networking Conference*, pages 70–74, December 1993.
- [385] Y. Ko and N. Vaidya. A protocol for geocasting in mobile ad hoc networks (geotora). Technical Report 00-010, Department of Computer Science, Texas A and M University, March 2000.
- [386] Y.-B. Ko and N. H. Vaidya. Geocasting in mobile ad hoc networks: Location-based multicast algorithms. In *Proceedings of the Second IEEE Workshop on Mobile Computing Systems and Applications, WMCSA '99*, pages 101–110, 1999.
- [387] Young-Bae Ko and Nitin H. Vaidya. Location-aided routing (lar) in mobile ad hoc networks. In *Proceedings of the ACM/IEEE MobiCom*, pages 66–75, October 1998.
- [388] M. Kojo, K. Raatikainen, and T. Alanko. Connecting mobile workstations to the internet over a digital cellular telephone network. In *mobidata Workshop on Mobile and Wireless Information Systems*, November 1994.

- [389] H. Kokkinen. Ipv6 trial in public transportation and real estate. In *Global IPv6 Summit in Japan*, December 2001.
- [390] J. Kong, M. Gerla, R. Gadh, and B. S. Prahbu. Providing multi-layer security support for wireless communications across multiple domains. In *ACM Workshop on Wireless Security (WiSe) in conjunction with ACM MobiCom*, Atlanta, Georgia, September 2002.
- [391] Jiejun Kong, Haiyun Luo, Kaixin Xu, Daniel Lihui Gu, Mario Gerla, and Songwu Lu. Adaptive security for multilevel ad hoc networks. *Wireless Communications and Mobile Computing*, 2(5), 2002.
- [392] Jiejun Kong, Kaixin Luo, Haiyun andXu, Daniel Lihui Gu, Mario Gerla, and Songwu Lu. Adaptive security for multi-layer ad-hoc networks. In John Wiley InterScience Press, editor, *Special Issue of Wireless Communications and Mobile Computing*, 2002.
- [393] Rajeev Koodli. Fast Handovers for Mobile IPv6. RFC 4068, IETF, July 2005.
- [394] Rajeev Koodli and Charles E. Perkins. Fast handovers and context transfers in mobile networks. In *ACM SIGCOMM CCR 2001*, October 2001.
- [395] H. Koubaa and E. Fleury. A fully distributed mediator based service location protocol in ad hoc networks. In *IEEE Clobal Telecommunications Conference*, *GLOBECOM'01*, volume 5, pages 2949–2953, 2001.
- [396] R. Kravets. Moving from mobile hosts to mobile networks. Technical Report UIUCDCS-R-2000-2166, Department of Computer Science, University of Illinois, Urbana-Champaign, 2001.
- [397] R. Kravets, C. Carter, and L. Magalhaes. A cooperative approach to user mobility. *ACM Computer Communications Review*, 31, 2001.
- [398] P. Krishna, M. Chatterjee, N. H. Vaidya, and D. K. Pradhan. A cluster-based approach for routing in ad-hoc networks. In *USENIX Symposium on Location Independent and Mobile Computing*, April 1995.
- [399] P. Krishna, N. H. Vaidya, M. Chatterjee, and D. K. Pradhan. A cluster-based approach for routing in dynamic networks. *ACM Computer Communication Review*, 27(2), April 1997.
- [400] Paul Krishna and Dirk Westhoff. Context aware detection of selfish nodes in dsr based ad-hoc networks. In *IEEE Globecom, IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [401] Regina Rosales Krishnan, Rajesh ad Hain, Alden W. Jackson, David Levin, Ram Ramanathan, John Zao, and James P. G. Sterbenz. Survivable mobile wireless networks: Issues, challenges and research directions. In *ACM Workshop on Wireless Security (WiSe) in conjunction with ACM MobiCom*, Atlanta, Georgia, September 2002.
- [402] Gopi Kurup and Y. Ahmet Sekercioglu. Source Specific Multicast (SSM) for MIPv6: A Survey of Current State of Standardisation and Research. In *Proceedings of Australian Telecommunications, Networks and Applications Conference (ATNAC 2003)*, Melbourne, December 2003.
- [403] A. A. N. Anandra Kusuma and Lachlan L. H. Andrew. Minimum power routing for multihop cellular networks. In *IEEE Globecom, IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [404] T. J. Kwon. *Energy Efficient Clustering in Ad Hoc Networks*. PhD thesis, University of California Los Angeles, 2000.
- [405] T. T. Kwon, M. Gerla, S. Das, and S. Das. Mobility Management for VoIP Service: Mobile IP vs. SIP. *IEEE Wireless Communications*, 9(5):66–75, October 2002.

- [406] Craig Labovitz, G. Robert Malan, and Farnam Jahanian. Origins of internet routing instability. In *Proceedings of INFOCOM99*, 1999.
- [407] Hong-Yon Lach, Christophe Janneteau, and Alexandru Petrescu. Network mobility in beyond 3g systems. *IEEE Communications Magazine*, 41(7), July 2003.
- [408] Hong-Yon Lach, Christophe Janneteau, Imed Romdhani, and Alexandru Petrescu. *Multicast in Mobile IP Networks*, pages 7–1—7–23. CRC Press, Boca Raton, 2004.
- [409] K. Lai, M Roussopoulos, D. Tang, Z. Zhao, and M. Baker. Experiences with a mobile testbed. In *Lecture Notes in Computer Science*, number 1368 in unknown, pages 222–237. Springer, Derlin, worldwide computing and its applications edition, 1998.
- [410] Gaute Lambertsen and Takahiko Yamada. All ip furture mobile wireless access network; passive optical network, dynamic logical macro-cell, and ip multicast. In *IEEE Globecom, IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [411] B. Lamparter, K. Paul, and D. Westhoff. Security protocol for charging and participation incentive in ad hoc stub network. In *ACM Workshop on Wireless Security (WiSe) in conjunction with ACM MobiCom*, Atlanta, Georgia, September 2002.
- [412] Kim Laraqui, Magnus Lengdell, Franck Reichert, and Andreas Fasbender. An iso ip protocol suite for the integrated road transport and traffic mobile. In *Proceedings of INET'94/JENC5*, 1994.
- [413] Hoyoung Lee, Suyoung Han, and Jinpyo Hong. Efficient Mechanism for Source Mobility in Source Specific Multicast. In Kenji Kawahara and Ilyoung Chong, editors, *Proceedings of ICOIN2006*, volume 3961 of *LNCS*, Berlin, Heidelberg, 2006. Springer–Verlag. (in press).
- [414] Meejang Lee and Ye Kyung Kim. Patchodmrp: an ad-hoc multicast routing protocol. In *Proceedings* of the 15th International Conference on Information Networking, pages 537–543, 2001.
- [415] S. B. Lee, G. S. Ahn, and A. T. Campbell. Improving udp and tcp performance in mobile ad hoc networks with insignia. *IEEE Communications Magazine*, 39(6), June 2001.
- [416] S. B. Lee, A. Gahng-Seop, X. Zhang, and A. T. Campbell. Insignia: An ip-based quality of service framework for mobile ad hoc networks. *Journal of Parallel and Distributed Computing*, 60(4):374–406, April 2000.
- [417] S.-J. Lee, E. M. Belding-Royer, and C. E. Perkins. Scalability study of the ad hoc on-demand distance-vector routing protocol. *International Journal of Network Management*, to appear 2002?
- [418] S.-J. Lee and M. Gerla. Aodv-br: Backup routing in ad hoc networks. In *Proceedings of IEEE WCNC 2000*, Chicago, IL, September 2000.
- [419] S. J. Lee and M. Gerla. Dynamic load-aware routing in ad hoc networks. In *Proceedings of ICC* 2001, Helsinki, Finland, June 2001.
- [420] S. J. Lee and M. Gerla. Smr: Split multipath routing with maximally disjoint paths in ad hoc networks. In *Proceedings of ICC 2001*, Helsinki, Finland, June 2001.
- [421] S.-J. Lee, M. Gerla, and C.-C. Chiang. On-demand multicast routing protocol (odmrp). In *Proceedings of IEEE WCNC '99*, pages 1298–1302, New Orleans, LA, September 1999.
- [422] S.-J. Lee, M. Gerla, and C.-K Toh. A simulation study of table-driven and on-demand routing protocols for mobile ad hoc networks. *IEEE Networks*, 13(4):48–54, July-August 1999.
- [423] S.-J. Lee, W. Su, and M. Gerla. Ad hoc wireless multicast with mobility prediction. In *Proceedings* of *IEEE ICCCN* '9, pages 4–9, October 1999.

- [424] S.-J. Lee, W. Su, and M. Gerla. Exploiting the unicast functionality in the on-demand multicast routing protocol. In *Proceedings of IEEE WCNC 2000*, Chicago, IL, September 2000.
- [425] S.-J. Lee, W. Su, and M. Gerla. On-demand multicast routing protocol in multihop wireless mobile networks. *ACM/Baltzer Mobile Networks and Applications*, 2000.
- [426] S.-J. Lee, W. Su, and M. Gerla. Wireless ad hoc multicast routing with mobility prediction. *ACM/Baltzer Mobile Networks and Applications*, 2000.
- [427] S.-J. Lee, W. Su, J. Hsu, M. Gerla, and R. Bagrodia. A performance comparison study of ad hoc wireless multicast protocols. In *Proceedings of IEEE INFOCOM 2000*, Tel Aviv, Israel, March 2000.
- [428] S.-J. Lee, C.-K. Toh, and M. Gerla. Performance evaluation of table-driven and on-demand ad hoc routing protocols. In *Proceedings of IEEE PIMRC '99*, pages 297–301, September 1999.
- [429] Sung-Ju Lee. *Routing and Multicasting Strategies in Wireless Mobile Ad Hoc Networks*. PhD thesis, University of California Los Angeles, 2000.
- [430] Sung-Ju Lee, Elizabeth M. Belding-Royer, and Charles E. Perkins. Ad hoc on-demand distance-vector routing scalablity. *Mobile Computing and Communications Review*, 6(3):94–95, July 2002.
- [431] Sung-Ju Lee, Elizabeth M. Royer, and Charles E. Perkins. Scalability study of the ad hoc on-demand distance vector routing protocol. *International Journal on Network Management*, 2002.
- [432] R. Lehtonen, S. Venaas, and M. Hoerdt. Requirements for discovery of dynamic SSM Sources. Internet Draft work in progress 00, IETF, February 2005.
- [433] Hui Lei and Charles E. Perkins. Ad hoc networking with mobile ip. In *Proceedings of the second European Personal Mobile Communications Conference*, pages 197 202, October 1997.
- [434] K. Leung, D. Shell, W. D. Ivancic, D. H. Stewart, T. L. Bell, and B. A. Kachmar. Application of mobile-ip to space and aeronautical networks. In *IEEE Proceedings of the Aerospace Conference*, volume 2, pages 1027 1033, Big Sky, MT, Month 2001.
- [435] Hongyi Li and Gerard Pieris. Mobile routing for large scale all-ip wireless network. *Mobile Computing and Communications Review*, 4(4):36–44, October 2000.
- [436] J. Li, J. Jannotti, D. S. J. De Couto, D. R. Karger, and R. Morris. A scalable location service for geographic ad hoc routing. In *Proceedings of the ACM/IEEE MobiCom*, August 2000.
- [437] Q. Li, J. Aslam, and D. Rus. Online power-aware routing in wireless ad-hoc networks. In *Proceedings of MOBICOM*, 2001.
- [438] Victor H. Li, Zhi-Qiang Liu, and Steven H. Low. Enhancing tcp performance over wireless networks. In *IST Mobile and Wireless Telecommunications Summit 2002*, pages 85–89, Thessaloniki, Greece, June 2002.
- [439] Xiang-Yang Li, Peng-Jun Wan, Wu Wang, and Ophir Frieder. Constrained shortest paths in wireless networks. In *IEEE MilCom'01*, McVean, VA, October 2001.
- [440] Wang Liang and Zhang Nai-tong. Pointers strategy based on roaming cluster for location management in ad-hoc networks. In *IEEE Globecom*, *IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [441] W.-H. Liao, Y.-C. Tseng, K.-L. Lo, and J.-P. Sheu. Geogrid: a geocasting protocol for mobile ad hoc networks based on grid. *Journal of Internet Technology*, 1:23–32, 2000.
- [442] Wanjiun Liao, Chien-An Ke, and Jiunn-Ru Lai. Reliable multicast with host mobility. In *IEEE Global Telecommunications Conference, GLOBECOM '00*, volume 3, pages 1692–1696, 2000.

- [443] Wen-Hwa Liao, Jang-Ping Sheu, and Yu-Chee Tseng. Grid: A fully location-aware routing protocol for mobile ad hoc networks. *Telecommunication Systems*, 18(1–3):37–60, 2001.
- [444] C. R. Lin and Chang-Jai Chung. Mobile reliable multicast support in ip networks. In 2000 IEEE International Conference on Communications, ICC 200, volume 3, pages 1421–1425, 2000.
- [445] C. R. Lin and M. Gerla. Adaptive clustering for mobile wireless networks. In *IEEE Journal on Selected Areas in Communications*, volume 15,7, pages 1265–1275, September 1997.
- [446] C. R. Lin and Kai-Min Wang. Mobile multicast support in ip networks. In *Proceedings of the IEEE Nineteenth Annual Joint conference of the IEEE Computer and Communications Societies*, volume 3, pages 1664–1672, 2000.
- [447] Chunhung Richard Lin. Scalable multicast protocol in ip-based mobile networks. *Wireless Networks*, 8:27–36, 2002.
- [448] Chunhung Richard Lin and Mario Gerla. A distributed architecture for multimedia in a multihop dynamic packet radio networks. In *Proceedings of IEEE GLOBECOM '95*, 1995.
- [449] Chunhung Richard Lin and Jain-Shing Liu. Qos routing in ad hoc wireless networks. *IEEE Journal on Selected Areas in Communications*, 17(8):1426–1438, August 1999.
- [450] Tao Lin and Scott F. Midkiff. Mobility versus link stability in simulation of mobile ad hoc networks. In *Communication Networks and Distributed Systems Modeling and Simulation Conference, CNDS'03*, 2003.
- [451] Tao Lin, Scott F. Midkiff, and Jahng S. Park. A dynamic topology switch for the emulation of wireless mobile ad hoc networks. In *WLN 2002*, Authors with Virginia Polytechnic Institute, 2002. Accessed November 15th at http://io.irean.vt.edu/filin/WLN2002_A103_Lin_Midkiff_Park.pdf.
- [452] Anders Lindgren and Olov Schelén. Infrastructured ad hoc networks. In *Proceedings of the 2002 International Conference on Parallel Processing Workshops (International Workshop on Ad Hoc Networking (IWAHN 2002))*, pages 64–70, August 2002.
- [453] Jiangchuan Liu, Qian Zhang, Bo Li, Wenwu Zhu, and Jun Zhang. A unified framework for resource discovery and qos-aware provider selection in ad hoc networks. *Mobile Computing and Communications Review*, 6(1):13–21, January 2002.
- [454] Mingyan Liu, Rajesh R. Talpade, Anthony McAuley, and Ethendranath Bommaiah. Ad hoc multicast routing protocol (amroute). Tech Report 99-8, UMD, 1999.
- [455] Yolanda Liu. A hybrid forwarding approach for the mesh-based geocast routing protocol in an ad hoc network. Master's thesis, Colorado School of Mines, 2001.
- [456] A. Lopez, J. Manner, A. Mihailovic, H. Velayos, E. Hepworth, and Y. Khouaja. Evaluation of mobility and qos interactions. *Computer Networks, The International Journal of Computer and Telecommunications Networking*, 38(2):137–163, 2002.
- [457] A. Lopez, H. Velayos, J. Manner, and N. Villasenor. Reservation based qos for mobile environments. In *Proceedings of the First IEEE Workshop on Services and Applications of the Wireless Public Interface*, July 2001.
- [458] M. Lott and B. Walke. *Performance analysis of a wireless ad hoc network with QoS support*, volume 16, pages 115–134. 2001.
- [459] S. Lu, V. Bharghavan, and R. Srikant. Fair scheduling in wireless packet networks. In *Proceedings of ACM SIGCOMM*, Cannes, France, September 1997.

- [460] David Lundberg. Ad hoc protocol evaluation and experiences of real world ad hoc networking experiments. Master's thesis, Department of Information Technology, Uppsala University, 2002. http://user.it.uu.se/davidlu/thesis.pdf accessed August 2002.
- [461] Janne Lundberg. Routing security in ad hoc networks. Technical report, Helsinki University of Technology, Telecommunications Software and Multimedia Laboratory, 2000. Accessed August 2002 on ResearchIndex.
- [462] Henrik Lundgren, David Lundberg, Johan Nielsen, Erik Nordstrom, and Christian Tschudin. A large-scale testbed for reproducible ad hoc protocol evaluations. Technical report, Uppsala Universitet, November 2001.
- [463] H. Luo, S. Lu, and V. Bhargavan. A new model for packet scheduling in multihop wireless networks. In *ACM Mobicom 2000*, Boston, MA, August 2000.
- [464] J. P. Macker, V. D. Park, and M. S. Corson. Mobile and wireless internet services: Putting the pieces together. *IEEE Communications Magazine*, 39(6):148–155, June 2001.
- [465] S. Maffeis, W. Bischofberger, and K. Matzel. A generic multicast transport service to support disconnected operation. In *Second USENIX Symposium on Mobile and Location-Independent Computing*, 1995.
- [466] L. Magalhaes and R. Kravets. End-to-end inverse multiplexing for mobile hosts. In *The 19th Brazilian symposium on Computer Networks*, Florianapolis, Brazil, 2001.
- [467] Damien Magoni. nem: A Software for Network Topology Analysis and Modeling. In *Proceedings of the 10th IEEE Symposium on Modeling, Analysis and Simulation of Computer & Telecomm. Systems (MASCOTS'02)*, pages 364–371, Fort Worth, Texas, USA, October 2002. IEEE Computer Society.
- [468] Damien Magoni and Jean-Jacques Pansiot. Internet Topology Modeler Based on Map Sampling. In *Proceedings of the 7th IEEE Symposium on Computers and Communications*, pages 1021–1027, Taomina, Italy, July 2002. IEEE Computer Society.
- [469] J. Q. Maguire Jr., F. Reichert, and M. T. Smith. A multiport mobile internet router. In *Proceedings of the 44th IEEE Vehicular Technology Conference*, volume 3, pages 1435–1439, 1994.
- [470] I. Mahadevan and K. Sivalingam. Architecture and experimental results for quality of service in mobile networks using rsvp and cbq. *Wireless Networks*, 6(x):221–234, 2000.
- [471] I. Mahadevan and K. M. Sivalingam. Quality of service architectures for wireless networks: Intserv and diffserv models. In *Workshop on Mobile Computing at the International Symposium on Parallel Architectures, Algorithms and Networks*, pages 420–425, June 1999.
- [472] Jouni K. Malinen. Using private addresses with hierarchical mobile ipv4. Master's thesis, Helsinki University of Technology, March 2000.
- [473] Karim Malki and Hesham Soliman. Simultaneous Bindings for Mobile IPv6 Fast Handovers. Internet Draft work in progress 05, IETF, October 2003.
- [474] David A. Maltz. *On-Demand Routing in Multi-hop Wireless Mobile Ad Hoc Networks*. Ph.d. thesis, Department of Computer Science, Carnegie Mellon University, March 2001.
- [475] David A. Maltz and Pravin Bhagwat. Msocks: An architecture for transport layer mobility. In *Proceedings of the IEEE INFOCOM '98*, 1998.
- [476] David A. Maltz, Josh Broch, Jorjeta Jetcheva, and David B. Johnson. The effects of on-demand behavior in routing protocols for multi-hop wireless ad hoc networks. *IEEE Journal on Selected Areas in Communications, special issue on mobile and wireless networks*, August 1999.

- [477] David A. Maltz, Josh Broch, and David B. Johnson. Experiences designing and building a multi-hop wireless ad hoc network testbed. Technical Report CMU-CS-99-116, CMU School of Computer Science, March 1999.
- [478] David A. Maltz, Josh Broch, and David B. Johnson. Quantitative lessons from a full-scale multi-hop wireless ad hoc network testbed. In *Proceedings of the IEEE Wireless Communications and Networking Conference*, Chicago, September 2000.
- [479] David A. Maltz, Josh Broch, and David B. Johnson. Lessons from a full-scale multi-hop wireless ad hoc network testbed. *IEEE Personal Communications*, 8(1):8–15, February 2001.
- [480] J. Manner and K. Raatikainen. Extended quality of service for mobile networks. In Springer-Verlag, editor, *IEEE/IFIP Ninth International Workshop on Quality of Service, IWQoS 2001*, volume 2092 of *Lecture Notes in Computer Science*, pages 275–280, Karlsruhe, Germany, June 2001.
- [481] S. Marc-Zwecker, J. J. Pansiot, D. Grad, and T. Noel. Vers une architecture d'addressage et de routage logiques adaptee aux communications de groupe et de mobiles. Technical report, Universite Louis Pasteur, January 1996.
- [482] M. K. Marina and S. R. Das. On-demand multipath distance vector routing in ad hoc networks. In *Proceedings of IEEE International Conference on NEtwork Protocols, ICNP*, pages 14–23, 2001.
- [483] M. K. Marina and S. R. Das. Ad hoc on-demand multipath distance vector routing. Technical report, uc.edu, July 2002. http://www.ececs.uc.edu/sdas/.
- [484] Mahesh K. Marina and Samir R. Das. Ad hoc on-demand multipath distance vector routing. *Mobile Computing and Communications Review*, 6(3):92–93, July 2002.
- [485] Mahesh K. Marina and Samir R. Das. Routing performance in the presence of unidirectional links in multihop wireless networks. In *Proceedings of the Third ACM International Symposium on Mobile Ad Hoc Networking and Computing, Mobihoc 2002*, pages 12–23, 2002.
- [486] D. Marpe and H. L. Cycon. Efficient pre-coding techniques for wavelet-based image compression. In *Proc. PCS* '97, pages 45–50, 1999.
- [487] D. Marpe and H. L. Cycon. Very low bit-rate video coding using wavelet-based techniques. In *IEEE Trans. on Circ. and Sys. for Video Techn.*, number 9, pages 85–94, 1999.
- [488] Sergio Marti, T. J. Giuli, Kevin Lai, and Mary Baker. Mitigating routing misbehavior in mobile ad hoc networks. In *Proceedings of the Sixth Annual Internatinal Conference on Mobile Computing and Networking, MOBICOM*, 2000.
- [489] Shivanajay Marwaha, Chen Khong Tham, and Dipti Srinivisan. Mobile agents based routing protocol for mobile ad hoc networks. In *IEEE Globecom*, *IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [490] Arifumi Matsumoto, Masataka Ohta, Fumio Teraoka, Mitsunobu Kunishi, and Masahiro Ishiyama. Multihoming support based on mobile node protocol lin6. In *Submitted to SAINT2003?*, 2003. http://www.lab1.kuis.kyoto-u.ac.jp/ãrifumi/paper/saint2003/lin6api.pdf accessed November 2002.
- [491] MaxMind LLC. GeoIP. http://www.maxmind.com, 2006.
- [492] A. J. McAuley, E. Bommaiah, A. Misra, R. Talpade, S. Thomson, and K. C. Young Jr. Mobile multicast proxy. In *Proceedings of the IEEE 1999 Military Communications Conference*, volume 1, pages 631–635, October November 1999.
- [493] P. McCann. Mobile ipv6 fast handovers for 802.11 networks. Internet Draft work in progress 4, IETF, April 2005.

- [494] Peter J. McCann and Gruia-Catalin Roman. Modeling mobile ip in mobile unity. *ACM Transactions on Software Engineering and Methodology*, 8(2), April 1999.
- [495] A. B. McDonald and T. F. Znati. A mobility-based framework for adaptive clustering in wireless ad hoc networks. *IEEE Journal on Selected Areas in Communications*, 17(8):1466–1487, August 1999.
- [496] B. McDonald and T. Znati. A path availability model for wireless ad-hoc networks. In *Proceedings of IEEE Wireless Communications and Networking Conference*, volume 1, pages 35–40, New Orleans, LA. 1999.
- [497] Alberto Medina, Anukool Lakhina, Ibrahim Matta, and John Byers. BRITE: An Approach to Universal Topology Generation. In *Proceedings of the International Workshop on Modeling, Analysis and Simulation of Computer and Telecommunications Systems*, page 346, Washington, DC, USA, August 2001. IEEE Computer Society.
- [498] Alberto Medina, Anukool Lakhina, Ibrahim Matta, and John Byers. BRITE: Boston university Representative Internet Topology gEnerator. http://www.cs.bu.edu/brite/, 2005.
- [499] A. Michail and A. Ephremides. Routing algorithms in all-mobile wireless networks. Technical report, Department of Electrical Engineering and Institute for Systems Research, University of Maryland, August 1997.
- [500] Netmeeting resource kit finding people. http://www.microsoft.com/windows/netmeeting/Corp/ResKit/Chapter3/default.asp, 2001. Aktualisierungsdatum: 15.12.1999.
- [501] A. Mihailovic, M. Shabeer, and A. H. Aghvami. Sparse mode multicast as a mobility solution for internet campus networks. In *Proceedings of the 10th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC '99*, September 1999.
- [502] A. Mihailovic, M. Shabeer, and A. H. Aghvami. Multicast for mobility protocol (mmp) for emerging internet networks. In *The 11th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC 2000*, volume 1, pages 327–333, London, UK, September 2000.
- [503] Andrej Mihailovic, Gosta Leijonhufvud, and Tapio Tuihko. Providing multi-homing support in ip access networks. In *Mobile Networking Beyond 3G Internationall Workshop on Mobile IP-based Network Developments*, Budapest, November 2002.
- [504] Ilka Miloucheva and Karl Jonas. Multicast Context Transfer in Mobile IPv6. Internet Draft work in progress 00, IETF, June 2005.
- [505] M. Mirhakkak, N. Schult, and D. Thomson. Dynamic quality-of-service for mobile ad-hoc networks. Technical report, The Mitre Corporation, 2000.
- [506] Arunesh Mishra, Minho Shin, and William Arbaugh. An empirical analysis of the IEEE 802.11 MAC layer handoff process. *SIGCOMM Comput. Commun. Rev.*, 33(2):93–102, 2003.
- [507] Allen Miu and Paramvir Bahl. Dynamic host configuration for managing mobility between public and private networks. In *3rd USENIX Symposium on Internet Technologies and Systems*, San Francisco, California, March 26-28 2001.
- [508] G. Montenegro and C. Castelluccia. Statistically unique and cryptographically verifiable (sucv) identifiers and addresses. In *NDSS '02*, February 2002.
- [509] Gabriel Montenegro, Benjamin Gaidioz, Pascale Primet, and Bernard Tourancheau. Equivalent differentiated services for aodvng. *Mobile Computing and Communications Review*, 6(3):110–111, July 2002.

- [510] Robert Morris, John Jannotti, Frans Kaashoek, Jinyang Li, and Douglas De Couto. Carnet: A scalable ad hoc wireless network system. In *9th ACM SIGOPS European Workshop*, Kolding, Denmark, September 2000.
- [511] A. L. Murphy, G.-C. Roman, and Vargese G. An exercise in formal reasoning about mobile communications. In *Proceedings of the Ninth International Workshop on Software Specification and Design*, pages 25–33, 1998.
- [512] Amy Murphy, Gruia-Catalin Roman, and George Varghese. Search and tracking algorithms for rapidly moving mobiles. Technical report, Washington University in Saint Louis, 1998.
- [513] Amy L. Murphy, Gruia-Catalin Roman, and George Varghese. An algorithm for message delivery to mobile units. In *Symposium on Principles of Distributed Computing*, page 292, 1997.
- [514] S. Murthy and J. J. Garcia-Luna-Aceves. An efficient routing protocol for wireless networks. *Mobile Networks and Applications*, 1(2):183 197, October 1996.
- [515] Shree Murthy and J. J. Garcia-Luna-Aceves. A routing protocol for packet radio networks. In *Proceedings of the first Annual International Conference on Mobile Computing and Networking*, pages 86–95, 1995.
- [516] A. Myles, D. B. Johnson, and C. Perkins. A mobile host protocol supporting route optimization and authentication. *IEEE Journal on Selected Areas in Communications*, 13(5):839–849, June 1995.
- [517] A. Myles and C. Perkins. Mobile ip extensions (mip). Technical report, Macquarie University, August 1993.
- [518] A. Myles and D. Skellern. Comparing four ip based mobile host protocols. *Computer Networks and ISDN Systems*, 26:349–355, 1993.
- [519] A. Myles and D. Skellern. Comparing four ip based mobile host protocols. In *Proceedings of the* 4th Joint European Networking Conference, pages 191–196, Trondheim, Norway, May 1993.
- [520] A. Myles and D. Skellern. Comparison of mobile host protocols for ip. *Journal of Internetworking Research and Experience*, 4(4):175–194, December 1993.
- [521] J. Mysore and V. Bharghavan. Performance of transport layer protocols using multicasting support for internet host mobility. In *International Conference on Communications*, Atlanta, GA, June 1998.
- [522] Jayanth Mysore and Vaduvur Bhargavan. A new multicasting-based architecture for internet host mobility. In *Proceedings of the Third Annual ACM/IEEE International Conference on Mobile Computing and Networking*, pages 161–172, Budapest, Hungary, September 1997.
- [523] A. Nasipuri, R. Castaneda, and S. Das. Performance of multipath routing for on-demand protocols in ad hoc networks. *ACM/Kluwer Mobile Networks and Applications (MONET)*, 6(4):339–349, 2001.
- [524] Asis Nasipuri and Samir R. Das. On-demand multipath routing for mobile ad hoc networks. In *Proceedings of the 8th International Conference on Computer Communications and Networks, IC3N*, Boston, MA, 1999.
- [525] R. Nelson, G. Daley, and N. Moore. Implementation of hierarchical mobile ipv6 for linux. In *Sixth International Symposium on Communications Interworking (IFIP Interworking 2002)*, October 2002.
- [526] Gabor Nemeth, Zoltan Richard Turanyi, and Andras Valko. Throughput of ideally routed wireless ad hoc networks. *Mobile Computing and Communications Review*, 5(4):40–46, 2001. October.
- [527] Sanket Nesargi and Ravi Prakash. Manetconf: Configuration of hosts in a mobile ad hoc network. In *Proceedings of the IEEE INFOCOM*, 2002.

- [528] Sze-Yao Ni, Yu-Chee Tseng, Yuh-Shyan Chen, and Jang-Ping Sheu. The broadcast storm problem in a mobile ad hoc network. In *MobiCom*, 1999.
- [529] Navid Nikaein and Christian Bonnet. Alm adaptive location management model incorporating fuzzy logic for mobile ad hoc networks. In *Proceedings of the First Annual Mediterranean Ad Hoc Networking Workshop, MED-HOC*, Sardegna, Italy, 2002.
- [530] Navid Nikaein, Christian Bonnet, Yan Moret, and Idris A. Rai. Quality of service routing model for mobile ad hoc networks. In *Proceedings of the 6th World Multiconference on Systemics, Cybernetics and Informatics, SCI*, Orlando, Florida, USA, 2002.
- [531] Navid Nikaein, Christian Bonnet, and Neda Nikaein. Harp hybrid ad hoc routing protocol. In *Proceedings of International Symposium on Telecommunications, IST*, Tehran, Iran, 2001.
- [532] Navid Nikaein, Houda Labiod, and Christian Bonnet. Ddr distributed dynamic routing algorithm for mobile ad hoc networks. In *Proceedings of the First Annual Workshop on Mobile Ad Hoce Networking and Computing, MobiHoc*, Boston, USA, 2000.
- [533] Navid Nikaein, Shiyi Wu, Christian Bonnet, and Houda Labiod. Designing routing protocol for mobile ad hoc networks. In *Proceedings of the 14th Conference of New Architectures for Communications, DNAC*, Paris, France, 2000.
- [534] Neda Nikaein and Christian Bonnet. Wireless multicasting in an ip environment. In *Proceedings* of the 5th International Workshop on Mobile Multimedia Communication, MOMUC '98, Berlin, Germany, October 1998.
- [535] Pekka Nikander. Authentication, authorization, and accounting in ad hoc networks. In *Proceedings* of the Helsinki University of Technology Seminar on Internetworking, 2000.
- [536] Pekka Nikander, Jukka Ylitalo, and Jorma Wall. Integrating security, mobility and multi-homing in a hip way. In *Proceedings of Network and Distributed Systems Security Symposium*, *NDSS '03*, pages 87–99, San Diego, CA, February 2003.
- [537] Anders Nilsson, Charles E. Perkins, Antti J. Tuominen, Ryuji Wakikawa, and Jari T. Malinen. Aodv and ipv6 internet access for ad hoc networks. *Mobile Computing and Communications Review*, 6(3):102–103, July 2002.
- [538] T. Noel. Elaboration d'un protocole de niveau reseau permettant l'addressage et le routage logiques des ordinateurs mobiles. Rapport de dea informatique, Universite Louis Pasteur, Strasbourg, France, June 1995.
- [539] T. Noel. Implementation et validation d'un protocole pour le support des ordinateurs mobiles dans l'internet. In *Actes de CNRIUT '98*, pages 111–122, May 1998.
- [540] T. Noel, D. Grad, and J. J. Pansiot. Logical framework for group communications with mobile hosts. In *AFRICOM-CCDC* '98, Tunis, Tunisia, October 1998.
- [541] T. Noel, D. Grad, J. J. Pansiot, and S. Marc-Zwecker. Support des communications de mobiles a travers les extensions d'en-tete d'ipv6. In *Actes de CFIP'97*, pages 45–60, September 1997.
- [542] T. Noel and N. Montavont. Handover management for mobile nodes in ipv6 networks. *IEEE Communications Magazine*, 40(8):38–43, August 2002.
- [543] Thomas Noel. A new protocol for communications with mobile hosts. Submitted to Globecom 2002?
- [544] Thomas Noel. *Une Architecture d'Addressage et de Routage Logiques pour les Mobiles*. These, Universite Louis Pasteur de Strasbourg, Strasbourg, France, June 1998.

- [545] Thomas Noel and Jean-Jacques Pansiot. A multicast architecture for mobile nodes. *International Journal of Computer and Information Science*, 3(2), 2002.
- [546] K. Obraczka, G. Tsudik, and K. Viswanath. Pushing the limits of multicast in ad hoc networks. In 21st International Conference on Distributed Computing Systems, 2001, pages 719–722, 2001.
- [547] Katia Obraczka and Gene Tsudik. Multicast routing issues in ad hoc networks. In *IEEE International Conference on Universal Personal Communications, ICUPC '98*, October 1998.
- [548] J. Olov and G. Q. Maguire Jr. The effect of using co-located care-of-addresses on macro handover latency. Technical report, Department of Teleinformatics, Royal Institute of Technology, Kista, Sweden, 1999.
- [549] H. Omar and M. Lee Saadawi. Multicast support for mobile ip with the hierarchical local registration approach. In *Third ACM International Workshop on Wireless Mobile Multimedia, WoWMoM 2000*, Boston, MA, August 2000.
- [550] Hassan Omar, Nael Tarek Saadawi, and Wendi Heinzelman. An integrated platform for reliable multicast support in the regional mobile-ip environment. *Mobile Computing and Communications Review, MC2R*, 6(2):37–54, April 2002.
- [551] Alan O'Neill. Mobility Management and IP Multicast. Internet Draft work in progress (expired) 01, IETF, July 2002.
- [552] Alan O'Neill, M. Scott Corson, and George Tsirtsis. Routing and handoff in the edge mobility architecture. *ACM Mobile Computing and Communications Review, MC2R*, 4(4):54–66, October 2000.
- [553] G. O'Shea and M. Roe. Child-proof authentication for mipv6 (cam). *ACM Computer Communications Review*, April 2001.
- [554] J. Ostermann, J. Bormans, P. List, D. Marpe, N. Narroschke, F. Pereira, T. Stockhammer, and T. Wedi. Video Coding with H.264/AVC: Tools, Performance and Complexity. *IEEE Circuits and Systems Magazine*, 4(1):7–28, April 2004.
- [555] Elena Pagani and Gian Paolo Rossi. Reliable broadcast in mobile multihop packet networks. In *Proceedings of the Third Annual ACM/IEEE international Conference on Mobile Computing and Networking, MOBICOM*, pages 34–42, September 1997.
- [556] T. Pagtzis and P. Kirstein. A model for proactive seamless mobility for ipv6 networks. Technical report, UCL/CS, London, United Kingdom, January 2001.
- [557] T. Pagtzis and P. Kirstein. A model for proactive seamless ip mobility and mobility-hop routing. In *Proceedings of the 10th International Conference on Networks, ICON 2002*, pages 217–222, 2002.
- [558] T. Pagtzis and P. Kirstein. On the performance of cfp repetition rate in ieee 802.11 for ip traffic in mobility-enabled wlans. In *Proceedings of the 27th Annual IEEE Conference on Local Computer Networks*, LCN 2002, Tampa, Florida, November 2002.
- [559] T. Pagtzis and P. Kirstein. Proactive mobility for future ip wireless access networks. In *Proceedings of the 6th IASTED/IEEE International Conference on Wireless and Optical Communications, WOC2002*, Banff, Canada, July 2002.
- [560] T. Pagtzis, P. Kirstein, and S. Hailes. Proactive seamless mobility management for future ip radio access networks. *Journal of Computer Communications Special Issue on 3G Wireless and Beyond*, Fall 2002.
- [561] T. Pagtzis and C. Perkins. Performance issues for localized ip mobility management. In *Proceedings* of the 10th International Conference on Networks, ICON 2002, pages 211–216, 2002.

- [562] P. Papadimitratos and Z. J. Haas. *Handbook of Ad Hoc Wireless Networks*, chapter Securing Mobile Ad Hoc Networks. CRC Press, December 2002.
- [563] P. Papadimitratos and Z. J. Haas. Performance evaluation of secure routing for mobile ad hoc networks. In *ACM Workshop on Wireless Security (WiSe) in conjunction with ACM MobiCom*, Atlanta, Georgia, September 2002.
- [564] P. Papadimitratos and Z. J. Haas. Secure routing for mobile ad hoc networks. In SCS Communication Networks and Distributed Systems Modeling and Simulation Conference, CNDS 2002, San Antonio, TX, January 2002.
- [565] Panagiotis Papadimitratos, Zygmunt J. Haas, and Emin Gun Sirer. Path set selection in mobile ad hoc networks. In *Proceedings of the Third ACM International Symposium on Mobile Ad Hoc Networking and Computing, Mobihoc* 2002, pages 1–11, 2002.
- [566] V. Park and J. Macker. Anycast routing for mobile services. In *Proceedings of the Conference on Information Sciences and Systems, CISS '99*, January 1999.
- [567] V. D. Park and M. S. Corson. A highly adaptive distributed routing algorithm for mobile wireless networks. In *Proceedings of the IEEE Conference on Computer Communications*, pages 1405 1413, Kobe, Japan, April 1997.
- [568] V. D. Park and J. P. Macker. Anycast routing for mobile networking. In *Proceedings of the IEEE Military Communications Conference*, MILCOM 1999, volume 1, pages 1–5, October November 1999.
- [569] P. Patchipulusu. Dynamic address allocation protocols for mobile ad hoc networks. Master's thesis, Texas A and M University, August 2001.
- [570] B. V. Patel, P. Bhattacharya, Y. Rekhter, and A. Krishna. An architecture and implementation toward multiprotocol mobility. *IEEE Personal Communications*, 2(3):32–42, 1995.
- [571] B. V. Patel et al. An architecture and implementation toward multiprotocol mobility. *IEEE Pers. Commun.*, 2:32–42, June 1995.
- [572] M. R. Pearlman and Z. J. Haas. Determining the optimal configuration for the zone routing protocol. *IEEE Journal on Selected Areas in Communications*, 17(8):1395–1414, August 1999.
- [573] G. Pei. Scalable Routing Strategies for Large Ad Hoc Wireless Networks. PhD thesis, University of California Los Angeles, 2000.
- [574] G. Pei and M. Gerla. Mobility management in hierarchical multi-hop mobile wireless networks. In *Proceedings of IEEE ICCCN '99*, Boston, MA, October 1999.
- [575] G. Pei and M. Gerla. Mobility management for hierarchical wireless networks. *ACM/Baltzer Mobile Networks and Applications*, 2000.
- [576] G. Pei, M. Gerla, and T.-W. Chen. Fisheye state routing: A routing scheme for ad hoc wireless networks. In *Proceedings of ICC 2000*, New Orleans, LA, June 2000.
- [577] G. Pei, M. Gerla, and T.-W. Chen. Fisheye state routing in mobile ad hoc networks. In *Proceedings of Workshop on Wireless Networks and Mobile Computing*, Taipei, Taiwan, April 2000.
- [578] G. Pei, M. Gerla, and X. Hong. Lanmar: Landmark routing for large scale wireless ad hoc networks with group mobility. In *Proceedings of IEEE/ACM MobiHOC 2000*, Boston, MA, August 2000.
- [579] G. Pei, M. Gerla, X. Hong, and C.-C. Chiang. A wireless hierarchical routing protocol with group mobility. In *Proceedings of IEEE WCNC '99*, New Orleans, LA, September 1999.

- [580] C. Perkins. Simplified routing for mobile computers using tcp/ip. In *First IEEE Conference on Wireless LAN Implementations*, September 1992.
- [581] C. Perkins. Providing continuous network access to mobile hosts using tcp/ip. *Computer Networks and ISDN Systems*, 26:357–369, 1993.
- [582] C. Perkins. Mobile ip. IEEE Communications Magazine, 35(5):84–99, May 1997.
- [583] C. Perkins and A. Myles. Mobile ip. In *Proceedings of SBT/IEEE International Telecommunications Symposium*, pages 22–25, Rio De Janeiro, Brazil, August 1994.
- [584] C. Perkins and Y. Rekhter. Short-cut routing for mobile hosts. Technical report, IBM T. J. Watson Research Center, 1992.
- [585] C. Perkins and Y. Rekhter. Support for mobility with connectionless network layer protocols. Technical report, Watson Research Center, IBM Corporation, 1993.
- [586] C. E. Perkins and P. Bhagwat. Highly-dynamic destination sequenced distance vector routing (dsdv) for mobile computers. In *Proceedings of the ACM SIGCOMM Conference on Communications Architectures, Protocols and Applications*, pages 234–244, August 1994.
- [587] C. E. Perkins and T. Jagannadh. Dhcp for mobile networking with tcp/ip. In *Proceedings of the IEEE Symposium on Computers and Communications*, pages 255–261, 1995.
- [588] C. E. Perkins, E. M. Royer, S. R. Das, and M. K. Marina. Performance comparison of two ondemand routing protocols for ad hoc networks. *IEEE Personal Communications*, 8(1):16–28, February 2001.
- [589] Charles Perkins. Mobile ip joins forces with aaa. IEEE Personal Communications, August 2000.
- [590] Charles Perkins, Andrew Myles, and David B. Johnnson. Imhp: A mobile host protocol for the internet. In *Computer Networks and ISDN Systems, special issue on Selected Papers of the Annual Conference of the Internet Society/5th Joint European Networking Conference*, volume 27,3, pages 479–491. Elsevier Science, December 1994.
- [591] Charles Perkins, Andrew Myles, and David Johnson. The internet mobile host protocol (imhp). In *Proceedings of INET'94/JENC5*, page 642, June 1994.
- [592] Charles E. Perkins. Mobile ip. IEEE Communications Magazine, May 2002.
- [593] Charles E. Perkins and David B. Johnson. Mobility support in ipv6. In *MobiCom '96: Proceedings of the 2nd annual international conference on Mobile computing and networking*, pages 27–37, New York, NY, USA, 1996. ACM Press.
- [594] Charles E. Perkins and David B. Johnson. Mobility support in ipv6. In *Proceedings of the second annual ACM/IEEE International Conference on Mobile Computing and Networking, MobiCom '96*, pages 27–37, 1996.
- [595] Charles E. Perkins and Kevin Luo. Using dhcp with computers that move. In *Proceedings of the Ninth Annual IEEE Workshop on Computer Communications*, pages 56–59, October 1994.
- [596] Charles E. Perkins and Kevin Luo. Using dhcp with computers that move. *Baltzer Journals Wireless Networks*, 1(3):341–353, March 1995.
- [597] Charles E. Perkins, Jari T. Malinen, Ryuji Wakikawa, Anders Nilsson, and Antti J. Tuominen. Internet connectivity for mobile ad hoc networks. *Wireless Communications and Mobile Computing*, 2(5), 2002.
- [598] Charles E. Perkins and Elizabeth M. Royer. Ad-hoc on-demand distance vector routing. In *Proceedings of the Second IEEE Workshop on Mobile Computing Systems and Applications*, pages 90 100, New Orleans, LA, February 1999.

- [599] Charles E. Perkins and Elizabeth M. Royer. *Ad hoc Networking*, chapter The Ad hoc On-Demand Distance Vector Protocol, pages 173–219. Addison-Wesley, 2000.
- [600] Charles E. Perkins and Kuang-Yeh Wang. Optimized smooth handoffs in mobile ip. In *Proceedings* of the Fourth IEEE Symposium on Computers and Communications (ISCC '99), pages 340–346, Red Sea, Egypt, July 1999.
- [601] Dmitri D. Perkins and Herman D. Hughes. A survey on quality-of-service support for mobile ad hoc networks. *Wireless Communications and Mobile Computing*, 2(5), 2002.
- [602] Alexandru Petrescu and Radu State. Towards managed mobile ip. In *Proceedings of Networks 2002, Joint Conference of ICWLHN and ICN 2002*, Atlanta, Georgia, August 2002.
- [603] C. Petrioli and S. Basagni. Degree-constrained multihop scatternet formation for Bluetooth networks. In *Proceedings of the IEEE Globecom 2002*, Taipei, Taiwan, R.O.C., November 17–21 2002.
- [604] K. Phanse, L. DaSilva, and S. Midkiff. Extending policy-based management to ad hoc networks. *Sumitted to IEEE Network Magazine*, October 2002.
- [605] Graham Phillips, Scott Shenker, and Hongsuda Tangmunarunkit. Scaling of multicast trees: comments on the chuang-sirbu scaling law. In SIGCOMM '99: Proceedings of the conference on Applications, technologies, architectures, and protocols for computer communication, pages 41–51, New York, NY, USA, 1999. ACM Press.
- [606] Joerg Pommnitz and Wolfgang Schoenfeld. A testbed for mobile multimedia applications. *Journal of Multimedia Tools and Applications*, 9(1):29–42, 1999.
- [607] G. J. Pottie and W. J. Kaiser. Wireless integrated network sensors. *Communications of the ACM*, 43(5), May 2000.
- [608] Liang Qin and Thomas Kunz. Pro-active route maintenance in dsr. *Mobile Computing and Communications Review*, 6(3):79–89, July 2002.
- [609] Xun Qu, Jeffrey Xu Yu, and Richard P. Brent. A mobile tcp socket. Technical report tr-cs-9708, The Australian National University, April 1997.
- [610] A. Quayyum, L. Viennot, and A. Laouiti. Multipoint relaying: An efficient technique for flooding in mobile wireless networks. Research Report RR-3898, INRIA, February 2000.
- [611] S. Rajagopalan and B. Badrinath. An adaptive location management strategy for mobile ip. Technical report, Department of Computer Science, Rutgers University, NJ, 1996.
- [612] Subhashini Rajgopalan and B. R. Badrinath. Adaptive location management for mobile-ip. In *First ACM International Conference on Mobile Computing and Networking, MobiCom* '95, November 1995.
- [613] P. Ramanathan, Sivalingam K. M., P. Agrawal, and S. Kishore. Dynamic resource allocation schemes during handoff for mobile multimedia wireless networks. *IEEE Journal on Selected Areas in Communications*, 17(7), July 1999.
- [614] R. Ramanathan and M. Steenstrup. Hierarchically-organized, multihop, mobile wireless networks for quality-of-service support. *Baltzer Mobile Networks and Applications*, 1998.
- [615] Ram Ramanathan and Jason Redi. A brief overview of ad hoc networks. *IEEE Communications Magazine*, May 2002.
- [616] S. Ramanathan and M. Steenstrup. A survey of routing techniques for mobile communication networks. *ACM/Baltzer Mobile Networks and Applications*, pages 89–104, 1996.

- [617] R. Ramanujan, A. Ahamad, J. Banney, R. Hagelstrom, and K. Thruber. Techniques for intrusion-resistant ad hoc routing algorithms (tiara). In 21st Century Military Communications Conference Proceedings, MILCOM 2000, volume 2, pages 660–664, 2000.
- [618] R. Ramjee, T. La Port, S. Thuel, K. Varadhan, and S. Y. Wang. Hawaii: A domain-based approach for supporting mobility in wide-area wireless networks. In *Proceedings of the IEEE International Conference on Network Protocols*, 1999.
- [619] R. Ramjee, T. La Porta, S. Thuel, K. Varadhan, and S. Y. Wang. Hawaii: A domain-based approach for supporting mobility in wide-area wireless networks. http://www.bell-labs.com/user/ramjee/papers/hawaii.ps.gz. Accessed June 2001.
- [620] Ram Ramjee, T. La Porta, L. Li, and S. Kasera. IP Paging Architectures. In *IP-based Cellular Networks, IPCN*. UpperSide, 2001.
- [621] Sylvia Ratnasamy, Andrey Ermolinskiy, and Scott Shenker. Revisiting IP Multicast. In *Proceedings of SIGCOMM '06*, New York, NY, USA, 2006. ACM Press.
- [622] Pierre Reinbold and Olivier Bonaventure. A comparison of ip mobility protocols. Technical Report Infonet-2001-13, Facultes Universitaires Notre-Dame de la Paix, Namur, Belgium, October 2001. http://www.infonet.fundp.ac.be/doc/tr/Infonet-TR-2001-13.html accessed August 2002.
- [623] Pierre Reinbold and Olivier Bonaventure. A comparison of ip mobility protocols. Technical Report Infonet-2001-7, Facultes Universitaires Notre-Dame de la Paix, Namur, Belgium, October 2001. http://www.infonet.fundp.ac.be/doc/tr/Infonet-TR-2001-07.html accessed August 2002.
- [624] Pierre Reinbold and Olivier Bonaventure. A survey of ip micro-mobility protocols. Technical Report Infonet-2002-06, Facultes Universitaires Notre-Dame de la Paix, Namur, Belgium, March 2002. http://www.infonet.fundp.ac.be/doc/tr/Infonet-TR-2002-06.html accessed August 2002.
- [625] Y. Rekhter. An architecture for transport layer transparent support for mobility. *Internetworking: Research and Experience*, 4:223–246, 1993.
- [626] Y. Rekhter. Support for mobility. Technical report, Watson Research Center, IBM Corporation, February 1993.
- [627] Y. Rekhter. Mobile computing via portability. In *Joint European Networking Conference, JENC 96*, May 1995.
- [628] Yakhov Rekhter and Charles Perkins. Optimal routing for mobile hosts using ip's loose source route option, October 1992.
- [629] C. Richard and Chang-Joi Chung. A mobile multicast protocol with error control for ip networks. In *IEEE Global Telecommunications Conference, GLOBECOM '00*, volume 3, pages 1687–1691, 2000.
- [630] M. Riegel and M. Tuexen. Mobile SCTP. Internet Draft work in progress 4, Internet Engineering Task Force, October 2004.
- [631] L. Rizzo and L. Vicisano. Rmdp: A fec-based reliable multicast protocol for wireless environments. *Mobile Computing and Communications Review*, 2(2), 1998.
- [632] V. Rodoplu and T. H. Meng. Minimum energy mobile wireless networks. *IEEE Journal on Selected Areas in Communications*, 17(8):1333–1344, August 1999.
- [633] V. Roduplu and T. Meng. Minimum energy mobile wireless networks. *IEEE JSAC*, 17(8):1333–1344, August 1999.

- [634] Imed Romdhani, Hatem Bettahar, and Abdelmadjid Bouabdallah. Transparent handover for mobile multicast sources. In Pascal Lorenz and Petre Dini, editors, *Proceedings of the IEEE ICN'06*. IEEE Press, April 2006.
- [635] Imed Romdhani, Mounir Kellil, Hong-Yon Lach, Abdelmadjid Bouabdallah, and Hatem Bettahar. IP Mobile Multicast: Challenges and Solutions. *IEEE Comm. Surveys & Tutorials*, 6(1):18–41, 2004.
- [636] Imed Romdhani, Mounir Kellil, Hong-Yon Lach, Abdelmadjid Bouabdallah, and Hatem Bettahar. Mobility–Aware Rendezvous Point for Mobile Multicast Sources. In P. Langendoerfer and al., editors, *Proceedings of WWIC 2004*, volume 2957 of *LNCS*, pages 62–73, Berlin, Heidelberg, 2004. Springer–Verlag.
- [637] Imed Romdhani, Mounir Kellil, Hong-Yon Lach, Abdelmadjid Bouabdallah, and Hatem Bettaher. Ip mobile multicast: Chalenges, solutions and open issues. Motorola technical report, Motorola Labs, Paris, France, July 2002.
- [638] Imed Romdhani, Mounir Kellil, Hong-Yon Lach, Abdelmadjid Bouabdallah, and Hatem Bettaher. Ip mobile multicast: Challenges, solutions and open issues. *IEEE Transactions on Mobile Computing*, Submitted October 2002 2002.
- [639] R. Rosenbaum. Using the domain name system to store arbitrary string attributes. RFC 1464, Internet Engineering Task Force, May 1993.
- [640] Jonathan Rosenberg. A Framework for Conferencing with the Session Initiation Protocol (SIP). RFC 4353, IETF, February 2006.
- [641] Jonathan Rosenberg, Henning Schulzrinne, Gonzalo Camarillo, Alan Johnston, Jon Peterson, Robert Sparks, Mark Handley, and Eve Schooler. SIP: Session Initiation Protocol. RFC 3261, IETF, June 2002.
- [642] Soumya Roy and J. J. Garcia-Luna-Aceves. Node-centric hybrid routing for ad-hoc wireless extensions of the internet. In *IEEE Globecom*, *IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [643] E. M. Royer and Chai-Keong Toh. A review of current routing protocols for ad hoc mobile wireless networks. *IEEE Personal Communications*, 6(2):46–55, April 1999.
- [644] Elizabeth M. Royer. *Routing in Ad Hoc Mobile Networks: On Demand and Hierarchical Strategies*. Phd thesis, University of California at Santa Barbara, December 2000.
- [645] Elizabeth M. Royer, Sung-Ju Lee, and Charles E. Perkins. The effects of mac protocols on ad hoc network communications. In *Proceedings of the IEEE Wireless Communications and Networking Conference*, Chicago, Illinois, September 2000.
- [646] Elizabeth M. Royer, Michael Melliar-Smith, and Louise E. Moser. An analysis of the optimum node density for ad hoc mobile networks. In *Proceedings of the IEEE International Conference on Communications*, Helsinki, Finland, June 2001.
- [647] Elizabeth M. Royer and Charles Perkins. Transmission range effects on aodv multicast communication. ACM Mobile Networks and Applications special issue on Multipoint Communications in Wireless Mobile Networks, 2002.
- [648] Elizabeth M. Royer and Charles E. Perkins. Multicast operation of the ad-hoc on-demand distance vector routing protocol. In *Proceedings of the fifth Annual ACM/IEEE International Conference on Mobile Computing and Networking*, August 1999.
- [649] Elizabeth M. Royer and Charles E. Perkins. An implementation study of the aodv routing protocol. In *Proceedings of the IEEE Wireless Communications and Networking Conference*, Chicago, Illinois, September 2000.

- [650] Pedro M. Ruiz, Antonio F. Gomez-Skarmeta, Pedro Martinez, Juan A. Sanchez, and Emilio Garcia. Effective multimedia and multi-party communications on multicast manet extensions to ip access networks. In *ICOIN*, 2003.
- [651] D. H. Sadok et al. A reliable subcasting protocol for wireless environments. In 2nd International Conference on Mobile Wireless Communications Networks, Paris, France, May 2000.
- [652] J. H. Saltzer, D. P. Reed, and D. D. Clark. End-to-end arguments in system design. *ACM Transactions on Computer Systems*, 2(4):277–288, November 1984.
- [653] C. Santivanez, R. Ramanathan, and I. Stavrakakis. Making link-state routing scale for ad hoc networks. In *Proceedings of the ACM Mobihoc Conference*, Long Beach, CA, 2001.
- [654] Cesar Santivanez and Ram Ramanathan. Hazy sighted link state routing protocol (hsls). Technical Memorandum 1301, BBN, August 2001.
- [655] Bill Schilit and Dan Duchamp. Adaptive remote paging for mobile computers. Technical Report CUCS-004-91, Columbia University, February 1991.
- [656] Thomas C. Schmidt and Matthias Wählisch. Seamless Handover for Real-Time and Multicast Mobility. In Nikola Rozic and Dinko Begusic, editors, *Proceedings of the International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2003)*, pages 84–88, Split, October 2003. University of Split, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture.
- [657] Thomas C. Schmidt and Matthias Wählisch. Topologically Robust Handover Performance for Mobile Multicast Flows. 2004. http://www.rz.fhtw-berlin.de/projekte/ipv6/icn04-paper.pdf, accessed January 2004. Will be published in Proceedings of the International Conference on Networking 2004 (ICN'04) http://conf.uha.fr/PreliICN04.html.
- [658] Thomas C. Schmidt and Matthias Wählisch. Multicast Mobility in MIPv6: Problem Statement. IRTF Internet Draft work in progress 00, MobOpts, October 2005.
- [659] Thomas C. Schmidt, Matthias Wählisch, Hans L. Cycon, and Mark Palkow. Mobile Serverless Videoconferencing Towards a Next Generation Internet Application. In Nikola Rozic and Dinko Begusic, editors, *Proceedings of the International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2002)*, pages 310–314, Split, October 2002. University of Split, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture.
- [660] Thomas C. Schmidt, Matthias Wählisch, Hans L. Cycon, and Mark Palkow. Mobility Support in Real-time Video Communication. In Bohdan Bodnar, editor, *Proceedings of the Applied Telecommunication Symposium (ATS '03)*, pages 72–77, California, March 2003. The Society for Modeling and Simulation International, http://www.rz.fhtw-berlin.de/projekte/vcoip/ats-paper.pdf accessed January 2004.
- [661] Wolfgang Schonfeld, Andreas Meissner, and Holger Kirchner. Modeling ip-based mobility management. In *Communication Networks and Distributed Systems Modeling and Simulation Conference, CNDS 2002 (Part of the 2002 SCS Western Multiconference on Computer Simulation)*, San Antonio, Texas, January 2002.
- [662] H. Schwarz and T. Wiegand. The emerging jvt/h.26l video codec standard. In *Proceedings of IBC* 2002, Amsterdam, 2002. http://bs.hhi.de/~wiegand/JVT.html.
- [663] Christian Schwingenschlogl and Timo Kosch. Geocast enhancements of aodv for vehicular networks. *Mobile Computing and Communications Review*, 6(3):96–97, July 2002.
- [664] A. Sears. A scalable directory schema in ldap for integrated conferencing services. In *Proceedings of Inet97*. http://www.isoc.org/inet97/proceedings, 1997.

- [665] S. Seshan, H. Balakrishnan, and R. Katz. Handoffs in cellular wireless networks: The daedalus implementation and experience. *Kluwer Journal on Wireless Personal Communications*, 1996.
- [666] D. Shell, J. Courtenay, W. Ivancic, D. Stewart, and T. Bell. Mobile ip and mobile networks promise new era of satellite and wireless communications. In *Second Integrated Communications, Navigation and Surveillance Technologies Conference and Workshop*, April 2002. http://roland.grc.nasa.gov/ivancic/papers_presentations/CNS_paper.pdf accessed November 2002.
- [667] Chien-Chung Shen, Girish Borkar, Sundaram Rajagopalan, and Chaiporn Jaikaeo. Interrogation-based relay routing for ad hoc satellite networks. Technical report, Computer and Information Sciences, University of Delaware, Newark, DE 19716, February 2002.
- [668] Chien-Chung Shen, Girish Borkar, Sundaram Rajagopalan, and Chaiporn Jaikaeo. Interrogation-based relay routing for ad hoc satellite networks. In *IEEE Globecom*, *IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [669] Xiaolei Shi. Supporting ip multicast streaming for mobile ad hoc stations. Master's thesis, University Ulm, Germany, 2002.
- [670] Minho Shin, Arunesh Mishra, and William Arbaugh. Improving the Latency of 802.11 Hand-offs using Neighbor Graphs. In *MobiSys '04: Proceedings of the 2nd international conference on Mobile systems, applications, and services*, pages 70–83, New York, June 2004. ACM Press.
- [671] Sangho Shin, Andrea G. Forte, Anshuman Singh Rawat, and Henning Schulzrinne. Reducing MAC layer handoff latency in IEEE 802.11 wireless LANs. In Azzedine Boukerche, Krishna Sivalingam, and Sotiris Nikoletseas, editors, *Proceedings of the second international workshop on Mobility management & wireless access protocols*, pages 19–26, New York, October 2004. ACM Press.
- [672] M. Siebert, A. Kadelka, M. Lott, M. Weckerle, and S. Hischke. Integrated mobility concepts for wireless lans. In *International Symposium on Performance Evaluation of Computer and Telecommunication Systems, SPECTS* 2003, pages 327–335, San Diego, California, July 2002.
- [673] Jorge S'a Silva, Sérgio Duarte, Edmundo Monteiro, and Fernando Boavida. MNet a new multicast approach for the future Internet. In *Proceedings of the 10th Intern. Conference on Telecommunications*, volume 1, pages 340 347, February 2003.
- [674] S. Singh, C. S. Raghavendra, and J. Stepanek. Power-aware broadcasting in mobile ad hoc networks. In *Proceedings of IEEE PIMRC '99*, Osaka, Japan, September 1999.
- [675] S. Singh, M. Woo, and C. S. Raghavendra. Power aware routing in mobile ad hoc networks. In *Proceedings of the ACM Mobicom*, 1998.
- [676] P. Sinha, R. Sivakumar, and V. Bharghavan. Mcedar: Multicast core-extraction distributed ad hoc routing. In *IEEE Wireless Communications and Networking Conference*, New Orleans, LA, September 1999.
- [677] P. Sinha, R. Sivakumar, and V. Bjarghavan. Enhancing ad-hoc routing with dynamic virtual infrastructures. In *Proceedings of IEEE INFOCOM*, 2001.
- [678] Prasun Sinha. Routing and Transport Layer Protocols for Wireless Networks. Phd thesis, UIUC, Computer Science, May 2001.
- [679] R. Sivakumar, B. Das, and V. Bharghavan. An improved spine-based infrastructure for routing in ad hoc networks. In *IEEE Symposium on Computers and Communications*, Athens, Greece, June 1998.
- [680] R. Sivakumar, B. Das, and V. Bharghavan. Spine-based routing in ad hoc networks. *ACM/Baltzer Cluster Computing Journal, Special Issue on Mobile Computing*, 1:237–248, 1998.
- [681] R. Sivakumar, P. Sinha, and V. Bharghawan. Cedar: a core-extraction distributed ad hoc routing algorithm. *IEEE Journal on Selected Areas in Communications*, 17(8):1454–1465, August 1999.

- [682] Alex C. Snoeren. Enabling internet suspend/resume with session continuations. In *Proceedings of the Student Oxygen Workshop '02*, July 2002.
- [683] Alex C. Snoeren, David G. Andersen, and Hari Balakrishnan. Fined-grained failover using connection migration. In *Proceedings of the Third Annual Unix Symposium on Internet Technologies and Systems, USITS*, March 2001.
- [684] Alex C. Snoeren and Hari Balakrishnan. An end-to-end approach to host mobility. In *Proceedings* of the Sixth Annual International Conference on Mobile Computing and Networking, MOBICOM 2000, pages 155–166, 2000.
- [685] Alex C. Snoeren, Hari Balakrishnan, and M. Frans Kaashoek. The migrate approach to internet mobility. In *Proceedings of the Student Oxygen Workshop '01*, July 2001.
- [686] Alex C. Snoeren, Hari Balakrishnan, and M. Frans Kaashoek. Reconsidering internet mobility. In *Proc. 8th Workshop on Hot Topics in Operating Systems (HotOS-VIII)*, 2001.
- [687] Hesham Soliman. Mobile IPv6. Addison-Wesley, Boston, 2004.
- [688] Hesham Soliman, Claude Castelluccia, Karim Malki, and Ludovic Bellier. Hierarchical Mobile IPv6 mobility management (HMIPv6). RFC 4140, IETF, August 2005.
- [689] Joseph Soma-Reddy and S. Acampora, Anthony. Micromobility strategies for ip based cellular networks. In *Thyrrhenian International Workshop on Digital Communications, IWDC 2001*, volume 2170 of *Lecture Notes in Computer Science*, pages 67–75, Taormina, Italy, September 17-20 2001. Springer.
- [690] Alex Tzu-Yu Song. piconet ii a wireless ad hoc network for mobile handheld devices. Master's thesis, University of Queensland, Department of Information Technology and Electrical Engineering, October 2001. http://innovexpo.itee.uq.edu.au/2001/projects/s369677/thesis.pdf accessed November 22nd, 2002.
- [691] Libo Song, David Kotz, Ravi Jain, and Xiaoning He. Evaluating location predictors with extensive Wi-Fi mobility data. In *Proceedings of the 23rd Annual Joint Conference of the IEEE Computer and Communications Societies (INFOCOM)*, volume 2, pages 1414–1424, March 2004.
- [692] Tiago Sousa, Paulo Mendes, and Edmundo Monteiro. Experimental evaluation of the source specific multicast model in mobile environments. In Proc. of the 2006 Intern. Symposium on a World of Wireless, Mobile and Multimedia Networks (WoWMoM'06), pages 542–547, Los Alamitos, CA, USA, 2006. IEEE Computer Society.
- [693] SRI. Network reconstitution protocol. Technical report radc-tr-87-38, SRI, June 1987.
- [694] Kiran Srinivasan. M-tcp: Transport layer support for highly available network services. Master's thesis, Rutgers University, October 2001. Also as technical report DCS-TR-459.
- [695] F. Stajano and R. Anderson. The resurrecting ducking: Security issues for ad-hoc wireless networks. In *Proceedings of the 7th International Workshop on Security Protocols, LNCS*, 1999.
- [696] M. Stangel and V. Bharghavan. Improving tcp performance in mobile computing environments. In *International Conference on Communications*, Atlanta, GA, June 1998.
- [697] Radu State and Alex Petrescu. Management of extended mobility. Submitted to IEEE Network Magazine Special Issue on Network Management of Multi-service, Multimedia, IP-based Networks, 2003.
- [698] A. Stephane, A. Mihailovic, and A. H. Aghvami. Mechanisms and hierarchical topology for fast handover in wireless ip networks. *IEEE Communications Magazine*, 38(11):112–115, November 2000.

- [699] W. Richard Stevens. TCP/IP Ilustrated, Vol. 1. The Protocols. Addison Wesley, Reading, MA., 1994.
- [700] R. Stewart, M. Ramalho, Q. Xie, M. Tuexen, I. Rytina, M. Belinchon, and P. Conrad. Stream Control Transmission Protocol (SCTP) Dynamic Address Reconfiguration. Internet Draft work in progress 9, Internet Engineering Task Force, June 2004.
- [701] Randall R. Stewart, Qiaobing Xie, Ken Morneault, Chip Sharp, Hanns Juergen Schwarzbauer, Tom Taylor, Ian Rytina, Malleswar Kalla, Lixia Zhang, and Vern Paxson. Stream Control Transmission Protocol. RFC 2960, IETF, October 2000.
- [702] I. Stojmenovic. Voronoi diagram and convex hull based geocasting and routing in wireless networks. In *citeseer, researchindex*, 1999.
- [703] I. Stojmenovic. *Handbook of Wireless Networks and Mobile Computing*, chapter Location Updates for Efficient Routing in Ad Hoc Networks, pages 451–471. Wiley, 2002.
- [704] I. Stojmenovic and Xu Lin. Loop-free hybrid single-path/flooding routing algorithms with guaranteed delivery for wireless networks. *IEEE Transactions on Parallel and Distributed Systems*, 12(10):1023–1032, 2001.
- [705] I. Stojmenovic and Xu Lin. Power-aware localized routing in wireless networks. *IEEE Transactions on Parallel and Distributed Systems*, 12(11):1122–1133, 2001.
- [706] I. Stojmenovic, M. Russell, and B. Vukojevic. Depth first search and location based localized routing and qos routing in wireless networks. In *Proceedings of the IEEE International Conference on Parallel Processing*, pages 173–180, August 2000.
- [707] I. Stojmenovic, M. Seddigh, and J. Zunic. Dominating sets and neighbor elimination based broadcasting algorithms in wireless networks. *IEEE Transactions on Parallel and Distributed Systems*, 13(1):14–25, January 2002.
- [708] Ivan Stojmenovic. Position-based routing in ad hoc networks. *IEEE Communications Magazine*, 40(7):128–134, July 2002.
- [709] A. Striegel, R. Ramanujan, and J. Bonney. A protocol independent internet gateway for ad hoc wireless networks. In *Proceedings of Local Computer Networks, LCN 2001*, Tampa, Florida, November 2001.
- [710] W. Su. *Motion Prediction in Mobile/Wireless Networks*. PhD thesis, University of California Los Angeles, 2000.
- [711] W. Su and M. Gerla. IPv6 Flow Handoff in Ad-Hoc Wireless Networks Using Mobility Prediction. In *Proceedings of IEEE GLOBECOM '99*, Rio de Janeiro, Brazil, December 1999.
- [712] W. Su, S.-J. Lee, and M. Gerla. Mobility prediction and routing in ad hoc wireless networks. In Wiley and Sons, editors, *International Journal of Network Management*, 2000.
- [713] W. Su, S.-J. Lee, and M. Gerla. Mobility prediction in wireless networks. In *Proceedings of IEEE MILCOM 2000*, Los Angeles, CA, October 2000.
- [714] M. W. Subbarao. In Proceedings of IEEE VTC, Amsterdam, The Netherlands, September.
- [715] Sufatrio and Kook Yan Lam. Mobile ip registration protocol: A security attack and new secure minimal public-key based authentication. In *Proceedings of the Fourth International Symposium on Parallel Architectures, Algorithms and Networks, I-SPAN '99*, pages 364–369, 1999.
- [716] Kyungjoo Suh, Dong-Hee Kwon, Young-Joo Suh, and Youngjun Park. Fast Multicast Protocol for Mobile IPv6 in the fast handovers environments. Internet Draft work in progress (expired) 00, IETF, February 2004.

- [717] F. Sultan, Kiran Srinivasan, Deepa Iyer, and Liviu Iftode. Highly available internet services using connection migration. Technical Report DCS-TR-462, Rutgers University, December 2001.
- [718] Florin Sultan, Aniruddha Bohra, and Liviu Iftode. Autonomous transport protocols for content-based networks. Technical Report DCS-TR-479, Rutgers University, March 2002.
- [719] Florin Sultan, Kiran Srinivasan, and Liviu Iftode. Transport layer support for highly-available network services. In *Position Summary at HotOS-VIII*, May 2001. Also as Rutgers University technical report DCS-TR-429 January 2001.
- [720] Florin Sultan, Kiran Srinivasan, Deepa Iyer, and Liviu Iftode. Migratory tcp: Highly available internet services using connection migration. Technical Report DCS-TR-462, Rutgers University, December 2001.
- [721] Florin Sultan, Kiran Srinivasan, Deepa Iyer, and Liviu Iftode. Migratory tcp: Connection migration for service continuity in the internet. In *ICDCS* 2002, 2002.
- [722] Yuan Sun, Elizabeth M. Belding-Royer, and Charles E. Perkins. Internet connectivity for ad hoc mobile networks. *Internation Journal of Wireless Information Networks special issue on Mobile Ad hoc Networks*, 2002.
- [723] C. Sunshine and J. Postel. Addressing mobile hosts in the arpa internet environment. Internet Engineering Note (IEN) 135, March 1980.
- [724] Chen Lin Tan and Stephan Pink. Mobicast: A multicast scheme for wireless networks. *Mobile Networks and Applications (MONET)*, 5(4), 2000.
- [725] K. Tang and M. Gerla. Reliable multicast of the on-demand multicast routing protocol. In *Proceedings of SCI 2001*, Orlando, Florida, July 2001.
- [726] K. Tang and M. Gerla. Reliable on-demand multicast routing with congestion control in wireless ad hoc networks. In *Proceedings of SPIE 2001*, Denver, Colorado, August 2001.
- [727] Mitchell Tasman. *Protocols and Caching Strategies in Support of Internetwork Mobility*. Phd thesis, University of Wisconsin, October 1994.
- [728] L. Taylor, R. Titmuss, and C. Lebre. The challenges of seamless handover in future mobile multimedia networks. *IEEE Personal Communications*, 6(2):32–37, April 1999.
- [729] F. Teraoka. A Study on Host Mobility in Wide Area Networks. Phd dissertation, Keio University, Japan, January 1993.
- [730] F. Teraoka, K. Claffy, and M. Tokoro. Design, implementation and evaluation of virtual internet protocol. In *Proceedings of the 12th International Conference on Distributed Computing Systems*, pages 170–177, Yokohama, Japan, June 1992.
- [731] F. Teraoka and K. Uehara. Mobility support in ipv6 based on the vip mechanism. In *Proceedings of INET'95*, June 1995.
- [732] F. Teraoka, K. Uehara, H. Sunahara, and J. Murai. Vip: A protocol providing host mobility. *Communications of the ACM*, 37:67–75, August 1994.
- [733] Fumio Teraoka and Mario Tokor. Host migration transparency in ip networks: The vip approach. *ACM Computer Communications Review*, pages 45–65, January 1993.
- [734] Fumio Teraoka, Yasuhito Yokote, and Mario Tokoro. A network architecture providing host migration transparency. In *Proceedings of the SIGCOMM '91 Conference: Communications Architectures and Protocols*, pages 209–220, September 1991.

- [735] Dave Thaler. Supporting Mobile SSM Sources for IPv6. Proceedings of IETF Meeting, individual, December 2001.
- [736] Jens Tiemann, Mark Palkow, and Hans L. Cycon. Wireless IP Video Conferencing via UMTS. to appear, October 2004.
- [737] Sameer Tilak and Nael B. Abu-Ghazaleh. A concurrent migration extension to an end-to-end host mobility architecture. *Mobile Computing and Communications Review*, 5(3):26–31, July 2001.
- [738] Octavian Tirla, Alejandro Bascunana Munoz, Peter Schoo, and Serge Tessier. Accounting management in heterogeneous mobile access networks: the mind approach. In *Mobile Networking Beyond 3G Internationall Workshop on Mobile IP-based Network Developments*, Budapest, November 2002.
- [739] C. K. Toh. The design and implementation of a hybrid handover protocol for multimedia wireless lans. In *Proceedings of the 1st International Conference on Mobile Computing and Networking, MobiCom* '95, November 1995.
- [740] C.-K. Toh. A novel distributed routing protocol to support ad-hoc mobile computing. In *Proceedings* of the 15th IEEE Annual International Phoenix Conference on Computers and Communications, pages 480–486, 1996.
- [741] C. K. Toh. Associativity based routing for ad hoc mobile networks. *Wireless Personal Communications Journal, Special Issue on Mobile Networking and Computing Systems*, 4(2):103 139, March 1997.
- [742] C. K. Toh. Ad Hoc Mobile Wireless Networks: Protocols and Systems. Pearson Education, 2001.
- [743] C.-K. Toh, Richard Chen, Minar Delwar, and Donald Allen. Experimenting with an ad hoc wireless network on campus. *ACM SIGMETRICS Performance Evaluation Review*, 28(3), December 2000.
- [744] C.-K. Toh, G. Guichal, and S. Bunchua. Abam: On-demand associativity-based multicast routing for ad hoc mobile networks. In *52nd Vehicular Technology Conference, IEEE-VTS Fall VTC 2000*, volume 3, pages 987–993, 2000.
- [745] Mark Torgerson and Brian Van Leeuwen. Routing data authentication in wireless ad hoc networks. Technical report, Sandia National Laboratories, October 2001.
- [746] A. Tornquist, M. Neufeld, and D. Grunwald. The design of a modular implementation of ad hoc routing protocols. In *Submitted to INFOCOM 2001*, 2001.
- [747] Christian Tschudin and Richard Gold. Selnet: A translating underlay network. Technical report, Department of Computer Systems of Uppsala University and FhG Fokus, Uppsala, Sweden and Berlin, Germany, November 2001. http://www.docs.uu.se/docs/research/projects/selnet/lunar/selnet.pdf accessed August 2002.
- [748] Christian Tschudin and Richard Gold. Lunar lightweight underlay network adhoc routing. Technical report, Department of Computer Systems of Uppsala University and FhG Fokus, Uppsala, Sweden and Berlin, Germany, January 2002. http://www.docs.uu.se/docs/research/projects/selnet/lunar/lunar.pdf accessed August 2002.
- [749] Y. C. Tseng, W. H. Liao, and S. L. Wu. *Handbook of Wireless Networks and Mobile Computing*, chapter Mobile Ad hoc Networks and Routing Protocols, pages 371–392. Wiley, 2002.
- [750] Zoltan R. Turanyi, Csanad Szabo, Eszter Kail, and Andras G. Valko. Global internet roaming with roamip. *Mobile Computing and Communications Review MC2R*, 4(3):58–68, July 2000.
- [751] Ville Typpo. Mobility within wireless ad hoc networks: Towards hybrid wireless multihop networks. Thesis, VTT Electronics and University of Oulu, 2001.

- [752] K. Uehara, F. Teraoka, H. Sunahara, and J. Murai. Enhancement of vip and its evaluation. In *Proceedings of INET'93*, August 1993.
- [753] Keisuke Uehara, Yasuhito Watanabe, Hideki Sunahara, and Osamu Nakamura. Internetcar internet connected automobiles. In *Proceedings of the International Networking Conference, INET98*, July 1998.
- [754] Nitin H. Vaidya. Weak duplicate address detection in mobile ad hoc networks. In *Proceedings of the Third ACM International Symposium on Mobile Ad Hoc Networking and Computing, Mobihoc 2002*, pages 206–216, 2002.
- [755] A. Valko. Cellular ip: A new approach to internet host mobility. *ACM SIGCOMM Computer Communication Review*, 29(1):50–65, January 1999.
- [756] Piet Van Mieghem. *Performance Analysis of Communication Networks and Systems*. Cambridge University Press, Cambridge, 2006.
- [757] Piet Van Mieghem, Gerard Hooghiemstra, and Remco van der Hofstad. On the Efficiency of Multicast. *IEEE/ACM Trans. Netw.*, 9(6):719–732, 2001.
- [758] Andras Varga. OMNeT++ export for BRITE 2.1. http://www.omnetpp.org, November 2002.
- [759] András Varga et al. The OMNeT++ discrete event simulation system. http://www.omnetpp.org, 2005.
- [760] U. Varshney and S. Chatterjee. Architectural issues in ip multicast over wireless networks. In IEEE Computer Society Press, editor, *Proceedings of the IEEE International Wireless Communications Networking Conference, WCNC*, pages 41–45, New Orleans, September 1999.
- [761] Upkar Varshney. Multicast over wireless networks. *Communications of the ACM*, 45(12):31–37, December 2002.
- [762] Die voon homepage. http://www.vcon.com, 2001.
- [763] Stig Venaas and Tim Chown. Source Specific Multicast (SSM) with IPv6. In *Proceedings of the International Symposium on Applications and the Internet (SAINT 2005)*, pages 64–67, Trento, February 2005.
- [764] L. Venkatraman and D. Agrawal. Authentication in ad hoc networks. In *Proceedings of the 2nd IEEE Wireless Communications and Networking Conference*, 2000.
- [765] L. Venkatraman and D. P. Agrawal. Strategies for enhancing routing security in protocols for mobile ad hoc networks. *Journal on Parallel and Distributed Computing*, 2002.
- [766] E. Verharen. Development of a european videoconferencing service. In *Proceedings of TERENA* 2001 Networking Conference. http://www.terena.nl/conf/tnc2001/proceedings, 2001.
- [767] Rolland Vida and Luis Henrique Maciel Kosmalski Costa. Multicast listener discovery version 2 (mldv2) for ipv6. RFC 3810, IETF, June 2004.
- [768] Video development initiative homepage. http://www.vide.net, 2002.
- [769] Hiromi Wada, Takashi Yozawa, Tatsuya Ohnishi, and Yatsunori Tanaka. Mobile computing environment based on internet packet forwarding. In *Proceedings of the USENIX Winter Technical Conference*, pages 503–17, San Diego, CA, January 1993.
- [770] Hiromi Wada, Takashi Yozawa, Tatsuya Ohnishi, and Yatsunori Tanaka. Mobile computing environment based on internet packet forwarding. In *Proceedings of the USENIX Winter Technical Conference*, January 1993.

- [771] R. Wakikawa, K. Uehara, and J. Murai. Multiple network interfaces support by policy-based routing on mobile ipv6. In *The 2002 International Conference on Wireless Networks, ICWN2002*, July 2002.
- [772] Ryuji Wakikawa, Susumu Koshiba, Keisuke Uehara, and Jun Murai. Orc: Optimized route cache management protocol for network mobility. In *Proceedings of the 10th IEEE International Conference on Telecommunications, ICT 2003*, Papeete, Tahiti, 2003.
- [773] G. Wan and E. Lin. A dynamic paging scheme for wireless communications systems. In *Proceedings* of the Third Annual ACM/IEEE International Conference on Mobile Computing and Networking, pages 195 203, September 1997.
- [774] P.-J. Wan, G. Calinescu, X.-Y. Li, and O. Frieder. Minimum-energy broadcast routing in static ad hoc wireless networks. In *Proceedings of IEEE INFOCOM*, 2001.
- [775] Feng Wang and Yongguang Zhang. Improving tcp performance over mobile ad-hoc networks with out-of-order detection and response. In *Proceedings of the Third ACM International Symposium on Mobile Ad Hoc Networking and Computing, Mobihoc* 2002, pages 217–225, 2002.
- [776] H. Wang, A. Prasad, P. Schoo, S. Tessier, and O. Tirla. A domain model approach to network security. In *Mobile Networking Beyond 3G Internationall Workshop on Mobile IP-based Network Developments*, Budapest, November 2002.
- [777] K. Wang and S. Tripathi. Mobile-end transport protocol: an alternative to tcp/ip over wireless links. In *Proceedings of IEEE Infocom*, 1998.
- [778] Kuochen Wang and Chou-Tang Chang. An intelligent on-demand multicast routing protocol in ad hoc networks. In *Proceedings of the 15th International Conference on Information Networking*, pages 909–914, 2001.
- [779] S. Wang, R. J. Thomas, and Z. J. Haas. Bluenet a new scatternet formation scheme. In 35th International Conference on System Science, HICSS 35, Big Island, Hawaii, January 2002.
- [780] Weichao Wang, Yi Lu, and Bharat K. Bhargava. On vulnerability and protection of ad hoc ondemand distance vector protocol. In *Proceedings of the 10th IEEE International Conference on Telecommunications, ICT 2003*, Papeete, Tahiti, 2003.
- [781] Y. Wang and W. Chen. Supporting ip multicast for mobile hosts. Technical report, South Methodist University, 1998. URL http://www.seas.smu.edu/w̃chen/mobile/multicast.ps.gz accessed February 2002.
- [782] Y. Wang, W. Chen, and J. Ho. Performance analysis of mobile ip extented with routing agents. In *Proceedings of the Second European IASTED International Conference on Parallel and Distributed Systems*, July 1998.
- [783] Terri Watson and Brian N. Bershad. Local area mobile computing on stock hardware and mostly stock software. In *Proceedings of the USENIX Mobile and Location-Independent Computing Symposium*, Cambridge, Massachusetts, August 1993.
- [784] Tom Weckstrom. Aaa architecture for hierarchical wireless mobile ipv4. Master's thesis, Helsinki University of Technology, July 2000.
- [785] John Wells and Claude Castelluccia. Cloaking: Location Hiding in IPv6. Research report, INRIA, June 2001.
- [786] E. Wendlund and H. Schulzrinne. Mobility Support using SIP. In *Proc. of the 2nd ACM Intern. Workshop on Wireless Mobile Multimedia*, pages 76–82, New York, NY, USA, 1999. ACM Press.
- [787] Brad Williams and Tracy Camp. Comparison of broadcasting techniques for mobile ad hoc networks. In *Proceedings of the Third ACM International Symposium on Mobile Ad Hoc Networking and Computing, Mobihoc 2002*, pages 194–205, 2002.

- [788] Dave Wisely and Enric Mitjana. Paving the road to systems beyond 3g the ist mind project. In *Mobile Networking Beyond 3G Internationall Workshop on Mobile IP-based Network Developments*, Budapest, November 2002.
- [789] Michael Wolf, Alex Petrescu, Hong-Yon Lach, Huamin Xu, and Markus Pilz. Access control in vehicular environments: Challenges and approaches. In *Submitted to MMC 2003*, Dortmund, Germany, February 2003.
- [790] Michael Wolf, Alex Petrescu, Hong-Yon Lach, Huamin Xu, Markus Pilz, and Miklos Ronai. Invehicular mobile router: Challenges and approaches. In *Submitted to MMC 2003*, Dortmund, Germany, February 2003.
- [791] Michael Wolf and Michael Scharf. Evaluation of mobility management approaches for ipv6 based mobile car networks. In *Submitted to KIVS 2003*, 2003.
- [792] A. Wolisz. Wireless internet architectures: Selected issues. *Personal Wireless Communications*, pages 1–16, September 2000. J. Wozniak and J. Konorski, eds., Kluwer.
- [793] K. Daniel Wong, Hung-Yu Wei, Ashutosh Dutta, Kenneth Young, and Henning Schulzrinne. Performance of ip micro-mobility management schemes using host based routing. Technical report, Telcordia and Columbia University, Accessed February 2002 on ResearchIndex.
- [794] W. Woo and V. C. M. Leung. Handoff enhancement in mobile-ip environment. In *Proceedings of the 5th IEEE International Conference on Universal Personal Communications*, volume 2, pages 760–764, October 1996.
- [795] L. Wood. Internetworking with Satellite Constellations. Phd thesis, University of Surrey, 2001.
- [796] C. W. Wu and Y. C. Tay. Ad hoc multicast routing protocol utilizing increasing id-numbers (amris). In *Proceedings of IEEE MILCOM'99*, Atlantic City, NJ, November 1999.
- [797] C. W. Wu and Y. C. Tay. Amris: A multicast protocol for ad hoc wireless networks. In *Proceedings of IEEE Military Communications Conference*, volume 1, pages 25–29, 1999.
- [798] Jiang Wu and Gerald Q. Maguire. Agent Based Seamless IP Multicast Receiver Handover. In Jozef Wozniak and Jerzy Konorski, editors, *Proceedings of the IFIP TC6/WG6.8 Working Conference on Personal Wireless Communications*, pages 213–226, Deventer, Netherlands, September 2000. Kluwer.
- [799] Jiang Wu and G. Q. Maguire Jr. Agent based seamless ip multicast receiver handover. In *Proceedings* of the IFIP Conference on Personal Wireless Communications, PWC'2000, 2000.
- [800] Wei Wu and Sajal K. Das. Performance evaluation of idmp's qos framework. In *IEEE Globecom*, *IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [801] Jin Xi and Christian Bettstetter. Wireless multihop internet access: Gateway discovery, routing and addressing. In *Proceedings of the International Conference on Third Generation Wireless and Beyond, 3Gwireless '02*, San Francisco, CA, USA, May 2002. http://www.cs.man.ac.uk/fapselj0/paper1.pdf accessed July 15, 2002.
- [802] Jin Xi and Xiaolei Shi. Ipv6 multicasting in wireless multihop networks with modified mld. In *IEEE Globecom*, *IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [803] Hannan Xiao, W. Seah, A. Lo, and K. C. Chua. A flexible quality of service model for mobile ad-hoc networks. In *Vehicular Technology Conference Proceedings*, pages 445–449, Tokyo, 2000. Introduced in bib July 15, 2002.
- [804] Zhao Xinhua and Mary G. Baker. Flexible connectivity management for mobile hosts. Technical Report CSL-TR-97-735, Stanford University, 1997.

- [805] Y. Xu, J. Heidemann, and D. Estrin. Geography-informed energy conservation for ad hoc routing. In *Proceedings of MOBICOM*, 2001.
- [806] G. Xylomenos and G. C. Polyzos. Ip multicast for mobile hosts. *IEEE Communications Magazine*, 35(1):54–58, January 1997.
- [807] George Xylomenos and George C. Polyzos. IP Multicast for Mobile Hosts. *IEEE Comm. Mag.*, 35(1):54–58, 1997.
- [808] Hao Yang, Xiaoqiao Meng, and Songwu Lu. Self-organized network layer security in mobile ad hoc networks. In *ACM Workshop on Wireless Security (WiSe) in conjunction with ACM MobiCom*, Atlanta, Georgia, September 2002.
- [809] C. N. Yap, M. Kraner, and S. R. Fikouras, N. A.and Cvetkovic. Novel and enhanced mobile internet protocol for third generation cellular environments compared to mip and mip-lr. In *First International Conference on 3G Mobile Communications Technologies*, pages 143–147, March 2000.
- [810] Chern Nam Yap. *Itinerant Internet Protocol*. Master in research dissertation, University of Sheffield, Department of Computer Science, Regent Court, 211 Portobello Street, Sheffield S14DP, UK, 1999.
- [811] C. Yeh. Variable-radius routing protocols for high throughput, low power, and small latency in ad hoc wireless networks. In *IEEE International Conference on WLANs and Home Networks*, December 2001.
- [812] S. Yi, P. Naldurg, and R. Kravets. A security-aware routing protocol for wireless ad hoc networks. In *The 6th World Multi-Conference on Systemics, Cybernetics and Informatics, SCI 2002*, 2002.
- [813] Seung Yi, Prasad Naldurg, and Robin Kravets. Security-aware ad hoc routing for wireless networks. Technical Report UIUCDCS-R-2001-2241, UIUC, August 2001.
- [814] Yunjung Yi and Mario Gerla. Scalable and with efficient flooding based on on-demand clustering. *Mobile Computing and Communications Review*, 6(3):98–99, July 2002.
- [815] Jukka Ylitalo, Petri Jokela, Jorma Wall, and Pekka Nikander. End-point identifiers in secure multi-homed mobility. In *Proceedings of OPODIS '02*, Reims, France, December 2002.
- [816] Z. Yu, T. Jiang, X. Wu, and W. A. Arbaugh. Risk based probabilistic routing for ad-hoc networks. In *ACM Workshop on Wireless Security (WiSe) in conjunction with ACM MobiCom*, Atlanta, Georgia, September 2002.
- [817] Victor C. Zandy and Barton P. Miller. Reliable sockets. Technical report, Wisconsin University, 2001.
- [818] Victor C. Zandy and Barton P. Miller. Reliable network connections. Technical report, Wisconsin University, March 2002.
- [819] John Zao, Joshua Gahm, Gregory Troxel, Matthew Condell, Pam Helinek, Nina Yuan, Isidro Castineyra, and Stephen Kent. A public-key based secure mobile ip. *Wireless Networks*, 5(5), 1999.
- [820] Manel Guerrero Zapata. Secure ad hoc on-demand distance vector routing. *Mobile Computing and Communications Review*, 6(3):106–107, July 2002.
- [821] Manel Zapata Guerrero and N. Asokan. Securing ad hoc routing protocols. In *ACM Workshop on Wireless Security (WiSe) in conjunction with ACM MobiCom*, Atlanta, Georgia, September 2002.
- [822] S. Zech and T. C. Schmidt. The distributed lecture hall. Poster at ICL2001, Villach, 2001.
- [823] X. Zeng, R. Bagrodia, and M. Gerla. Glomosim: a library for parallel simulation of large-scale wireless networks. In *Proceedings of PADS '98*, Banff, Canada, May 1998.

- [824] Hong-Ke Zhang, Bo Shen, and Bing-Yi Zhang. Mobile IPv6 Multicast with Dynamic Multicast Agent. Internet Draft work in progress 00, IETF, June 2005.
- [825] Junbiao Zhang, Jun Li, Stephen Weinstein, and Nan Tu. Virtual operator based aaa in wireless lan hot spots with ad-hoc networking support. *Mobile Computing and Communications Review*, 6(3):10–21, July 2002.
- [826] Tao Zhang, Shi-wei Li, Yoshihiro Ohba, and Nobuyasu Nakajima. A flexible and scalable ip paging protocol. In *IEEE Globecom, IEEE Communications Society 50th Anniversary*, Taipei, Taiwan, November 2002.
- [827] Y. Zhang and W. Lee. Intrusion detection in wireless ad-hoc networks. In *Proceedings of the 6th International Conference on Mobile Computing and Networking, MobiCom*, pages 275–283, August 2000.
- [828] Yongguang Zhang and Wei Li. An integrated environment for testing mobile ad-hoc networks. In *Proceedings of the Third ACM International Symposium on Mobile Ad Hoc Networking and Computing, Mobihoc 2002*, pages 104–111, 2002.
- [829] Xinhua Zhao, Claude Castellucia, and Mary Baker. Flexible network support for mobility. In *Proceedings of first ACM international workshop on Wireless mobile multimedia, WOWMOM '98*, 1998.
- [830] Rong Zheng, Ye Ge, Jennifer C. Hou, and Sandy R. Thuel. A case for mobility support with temporary home agents. *Mobile Computing and Communications Review*, 6(1):32–46, January 2002.
- [831] H. Zhou and S. Singh. Content based multicast (cbm) in ad hoc networks. In *Proceedings of the ACM/IEEE Workshop on Mobile Ad Hoc Networking and Computing, MOBIHOC*, Boston, MA, August 2000.
- [832] L. Zhou and Z. J. Haas. Securing ad hoc networks. *IEEE Network*, 13(6):24–30, November-December 1999.
- [833] Taieb Znati. Perspectives on wireless security. In ACM Workshop on Wireless Security (WiSe) in conjunction with ACM MobiCom, Atlanta, Georgia, September 2002.