## Bibliographie

[ACH 94]	Acharya A. and Badrinath B. R. "Delivering multipost massages in networks with mobile hosts"
	"Delivering multicast messages in networks with mobile hosts". In Proceeding of the 13 <sup>th</sup> Intl. On Distr. Computing Systems,
	Pittsburg, pp 292-299, May 1993.
[AGG 99a]	George Aggelou and Rahim Tafazolli.
	"RDMAR: A bandwidth-efficient routing protocol for mobile
[ACC 001a]	ad hoc networks".1999.
[AGG 99b]	George Aggelou and Rahim Tafazolli.  "Relative distance micro-discovery ad hoc routing ( RDMAR )
	protocol ". IETF, Internet Draft, draft-ietf-manet-rdmar-00.txt,
	Septembre 1999.
[ALB 94]	R. Albringhtson, J. J. Garcia-Luna-Aceves and J. Boyle.
	"EIGRP- A fast routing protocol based on distance vectors".
	Proceeding Networld/Interop 94, Las Vegas, Nevada, May
	1994.
[AMI 92]	Amir Y., Dolev D., Kramer S. and Malki D.
	"Membership algorithms for multicast communication groups".
	In Proceedings of the 6 <sup>th</sup> International Workshop on Distributed
	Algorithms, Spinger-Verlag, LNCS 674, (Segall, Zacks Eds),
[ATM 06]	pp 292-312, 1992. The ATM Forum.
[ATM 96]	"Private network-network interface specification ver1.0". The
	ATM Forum, March 1996.
[BAD 98]	Nadjib Badache.
	"La mobilité dans les systèmes répartis". 45 pages, Janvier
	1998.
[BAS 98]	S. Basagni, I. Chlamtac, V. R. Syrotiuk, and B. A. Woodward.
	"A distance routing effect algorithm for mobility ( DREAM )".
	In Proceeding of ACM/IEEE MOBICOM'98, Dallas, Texas, pp
	76-84, october 1998.
[BER 92]	D. Bertsekas and R. Gallager.
FDD 0 003	"Data Networks". Prentice Hall Inc, pp 297-333, 1992.
[BRO 98]	J. Broch, D. Johnson and D. Maltz.
	"The dynamic source routing protocol for mobile ad hoc

network".

J. Broch, D. Johnson and D. Maltz.

[BRO 98]

"The dynamic source routing protocol for mobile ad hoc network". IETF, Internet Draft, draft-ietf-manet-dsr-00.txt, March 1998.C.

- [CHE 89] Cheng, R. Reley, S. P. R Kumar and J. J. Garcia-Luna-ceves.
  "A loop-free extended Bellman-Ford routing protocol without bouncing effect". ACM Computer Communications Review, Vol. 19, No. 4, pp 224-236, 1989.
- [CHE 98] Tsu-Wei Chen and Mario Gerla.
  "Global State Routing: A new routing scheme for sd-hoc wireless networks". Proceeding IEEE ICC'98, 1998.
- [CHI 97] C. C. Chiang, H-K Wu, Winston Liu, and Mario Gerla.
  "Routing in clustered multihop, mobile wireless networks". The IEEE Singapore International Conference on Networks, pp 197-211, 1997.
- [CHO 94] Cho K. and Birman K. P.

  "A group communication approach for mobile computing. Mobile channel: an ISIS tool for mobile services". Workshop on Mobile Computing Systems and Applications, Santa Cruz, CA, U.S., 8-9 December 1994.
- [DAS 98] S. R. Das, R. Castaneda, J. Yan, and R. Sengupta.
  "Comparative performance evaluation of routing protocols for mobile, ad-hoc networks". In 7 th International Conference on Computer Communications and Networks (ICSN), October 1998.
- [DAV 92] Davies N., Blair G. S., Cheverst K. and Friday A.

  "Supporting collaborative applications in a heterogeneous mobile environment". Internal Report No MPG-94-18, Computing Department, Lancaster University, Bailrigg, January 1992.
- [DAV 93] Davies N., Blair G. S., Cheverst K., Friday A, Raven P., and Cross A. "Mobile open systems technology for the utilities industries". In Proceeding of the IEEE Colloquium on CSCW Issues for Mobile and Remote Workers, London, U. K., March 1993.
- [DUB 97] R. Dube et al.
  "Signal stability based adaptive routing for ad hoc mobile networks".
  IEEE Pers. Comm., pp 36-45, February 1997.
- [DUC 92] D. Duchamp and N. F. Reynolds.

  "Measured performance of wireless LAN". Technical Report,
  Computer Science Department, Columbia University, NY, United
  States, September 1992.
- [FOR 94] G. H. Forman and J. Zahorjan.
  "The challenges of mobile computing". IEEE Computer, 27(4), pp 38-47, April 1994.
- [GAF 81] E. Gafni and D. Bertsekas.
  "Distributed algorithms for generating loop free routes in networks with frequently changing topology". IEEE Transaction In Communication, January 1981.
- [GAR 86] J. J. Garcia-Luna-Aceves.

  "A fail-safe routing algorithm for multihope Packet-radio networks".

  IEEE INFOCOM, April 1986.

- [GAR 93] J. J. Garcia-Luna-Aceves.
  "Loop-Free routing using diffusing computations". IEEE/ACM Trans.
  Networking, Vol. 1, No. 1, pp 130-141, February 1993.
- [GER 95] M. Gerla and J. Tsai.
  "Multicluster, mobile, multimedia radio network". ACM-Baltaz
  Journal of Wireless Networks, pp 255-265, 1995.
- [GER ??] Mario Gerla, Guangyu Pei, and Sung-Ju Lee.
  "Wireless, mobile ad-hoc network routing". Computer Science
  Departement, University of California, Los Angeles.
- [GUR 90] Gursharan S. Sidhu, Richard F. Andrews, and Alan B. Oppenheimer. "Inside AppleTalk". Addision Wesley, Reading, Massachusetts, 1990.
- [HAG 83] J. Hagouel.

  "Issues in routing for large and dynamic networks". IBM Research report, RC 9942 No 44055, April 1983.
- [HED 88] C. Hedrick.
  "Routing Information Protocol". Internet Request Comments RFC 1058, June 1988.
- [HIL 95] S. G. Hild.

  "A brief history of mobile telephony". Technical Report 372,
  Computer Laboratory, University of Cambridge, England, 1995.
- [HUM 91] P. A. Humblet.

  "Another adaptive shortest-path algorithm". IEEE Transaction on Communication, Vol. 39, No. 6, pp 995-1003, June 1991.
- [IBM 98] International Business Machines Corporation.
  "IBM technology for present end future needs". (G224-4547-00/97)
  NET'98 Conference, Cannes, France, April 1998.
- [IMI 92] Imienlinski T. and Badrinath B. R.
  "Querying in highly mobile distributed environments". Proceeding of the 18<sup>th</sup> VLDB, pp 41-52, August 1992.
- [IMI 94] Imienlinski T. and Badrinath B. R.
  "Mobile wireless computing: solutions and challenges in data management". CACM, 37(10), pp 18-28, October 1994.
- [ISO 90] International Standards Organisation.
  "Intermediate system to intermediate system intra-domain routing exchange protocol for use in conjunction with the protocol for providing the connectionless- mode network service". (ISO 8473). ISO DP 10589, February 1990.
- [IWA 99] Iwata, C. C. Chiang, G. Pei, M. Gerla, and T.-W. Chen.
  "Scalable routing strategies for ad hoc wireless networks". IEEE
  Journal on Selected Areas in Communications, Special Issue on AdHoc Networks, pp.1369-79, August 1999.
- [JIA 99] Mingliang Jiang, Jinyang Li, Y.C. Tay.
  "Cluster based routing protocol", IETF Draft, 27 pages.
  http://www.ietf.org/internet- drafts/draft-ietf-manet-cbrp-spec-01.txt.
  August 1999.
- [JOA 99] M. Joa-Ng and I.-T. Lu.

"A Peer-to-Peer zone-based two-level link state routing for mobile ad hoc networks". IEEE Journal on Selected Areas in Communications, Special Issue on Ad-Hoc Networks, pp 1415-1425, August 1999.

[JOH 77] John M. McQuillan and David C. Walden.
"The ARPA network design decision". Computer Networks, 1(5): pp
243-289, August 1977.

[JOH 80] John M. McQuillan, Ira Richer, and Eric C. Rosen.
"The new routing algorithm for the ARPANET". IEEE Transaction on Communication, COM-28(5): pp 711-719, May 1980.

[JOH 87] John Jubin and Janet D. Tornow.
"The DARPA packet radio network protocols". Proceedings of the IEEE, 75(1): pp 21-32, January 1987.

[AL 2000] Khaldoune Al Agha and Laurent Viennot.
"Spatial reuse in wireless LAN networks". Rapport de recherche, réseaux et systèmes, Projet HIPERCOM (INRIA, France), 9 pages, Mai 2000.

[KLE 71] L. Kleinrock and K. Stevens.

"Fisheye: Alenslike computer display transformation". Technical report, UCLA, Computer Science Departement, 1971.

[KO 98] Y.-B. Ko and N.H. Vaidya.

"Location-aided routing (LAR) in mobile ad hoc networks". In Proceedings of ACM/IEEE MOBICOM'98, Dallas, Texas, pp 66-75, October 1998.

[LIN 97] Chunhung Richard Lin and Mario Gerla.

"Adaptive clustering for mobile wireless networks". Work supported in part by the National Science Council, Taiwan, R.O.C., and by the U.S. Department of Justice/Federal Bureau of Investigation, ARPA/CSTO.

1997.

[MAC 2000] J. Macker and S. Corson (chairs).

"Mobile Ad-hoc Networks (manet)". Available at http://www.ietf.

org/html.charters/manet-charter.html. 2000.

[MIS 99] Padmini Misra.

"Routing protocols for ad hoc mobile wireless networks". Available at http://www.cis.ohio-state.edu/~jain/cis788-99/adhoc\_routing/index.html. November 1999.

[MOY 94] J. Moy.
"OSPF Version 2". Internet Request For Comments RFC 1583, March 1994.

[MUR 94] Shree Murthy and J. J. Garcia-Luna-Aceves.

"A more efficient path- finding algorithm". 28<sup>th</sup> Asilomar Conference,
Pacific Groove, pp 229-233, CA, November 1994.

[MUR 95] Shree Murthy and J. J. Garcia-Luna-Aceves.
"A routing protocol for packet radio networks". Proceeding of the IEEE Mobicom, pp 86-95, November 1995.

[MUR 96] S. Murthy and J.J. Garcia-Luna-Aceves.
"An efficient routing protocol for wireless networks". ACM Mobile

Networks and Application Journal, Special issue on routing in mobile communication networks, pp 183-97, October 1996.

[NAC 87] Nachum Shacham and Jil Westcott.
"Future Directions in packet radio architectures and protocols".
Proceeding of the IEEE, 75(1): pp 83-99, January 1987.

[PAR 97] V. D. Park and M. S. Corson.

"A highly adaptive distributed routing algorithm for mobile wireless networks". Proceeding INFOCOM '97, pp 1405-1413, April 1997.

[PAR 99] V. D. Park and M. S. Corson.
"Temporally-ordered routing algorithme (TORA) Version 1,
functionnal specification". IETF, Internet Draft, draft-ietf-manet-toraspec-02.txt, October 1999.

[PAU 90] Paul Turner.
"NetWare communication processes". NetWare Application Notes,
Novell Research, pp 25-81, September 1990.

[PER 94] Charles. E. Perkins and Pravin Bhagwat.

"Highly dynamic destination-sequenced distance-vector routing (DSDV) for mobile computer". ACM SIGCOMM'94 Conference on Communications Architectures, Protocols ans Applications, pp. 234-244, 1994.

[PER 97] Charles. E. Perkins.

"Ad hoc on demand distance Vector (AODV) routing". IETF, Internet
Draft, draft-ietf-manet-aody-00.txt, November 1997.

[PER 99] Charles. E. Perkins and Elizabeth M. Royer.

"Ad hoc on demand distance vector (AODV) algorithm". In Proceeding of the 2<sup>nd</sup> IEEE Workshop on Mobile Computing Systems and Applications (WMCSA'99), New Orleans, Louisiana, USA, February 1999.

[PER 2000] Charles. E. Perkins, Elizabeth M. Royer and Samir R. Das. "Ad hoc on demand distance Vector (AODV) routing". IETF, Internet Draft, draft-ietf-manet-aodv-05.txt, March 2000.

[PIT 93] Pitoura E. and Bhargava B.
"Dealing with mobility". Issue and Research Challenges. Technical
Report CSD-TR-93-070, Department of computer science, Purdue
University, November 1993.

[REN 93] Renesse R. V., Birman K., Cooper R., Glade B. and Stephenson P.
"The Horus systems". In Reliable Distributed Computing with he Isis
Toolkit, K. P. Birman, R. Van Renesse (ed.), IEEE Computer Society
Press, Los Alamitos, CA, pp 133-147, 1993.

[RAJ 91] B. Rajagopalan and M. Faiman.

"A responsive distributed shortest-path routing algorithm within autonomous systems". Journal of Internetworking; Research and Experience, Vol. 2, No. 1, pp 51-69, March 1991.

[SED 83] R. Sedgewick.
"Weighted graphs". Chapter 31, Addision Weseley, 1983.

[STE 97] Stephen E. Deering and Robert M. Hinden.

"Internet Protocol, Version 6 (IPv6) Specification". Internet-Draft, draft-ietf-ipngwg-23-spec-v2-01.txt, Work in progress, November 1997.

[TOH 96] Chai-Keong Toh.

"A novel distributed routing protocol to support ad hoc mobile computing". Proceeding 1996 IEEE 15th Annual Int'l. Phoenix Conf. Comp. and Commun., pp 480-86, March 1996.

[TOH 99] K. Toh.

"Long-lived ad-hoc routing based on the concept of associativity". IETF Draft, March 1999.

[WAY 93] Wayner P.

"Stretching the Ether". Byte, February 1993.

[XER 81] Xerox Corporation.

"Internet transport protocols". Xerox System Integration Standard 028112, December 1981.

[ZEN 98] X. Zeng, R. Bagrodia and M. Gerla.

"GloMoSim: A library for the parallel simulation of large-scale wireless networks". Proceeding of the 12<sup>th</sup> Workshop on Parallel and Distributed Simulations, PADS'98, May 1998.