

BIBLIOGRAFÍA^(*)

- [**Abraham,98**] Abraham, P., and Kumar, A., "A Stochastic Approximation Approach for Max-Min Fair Adaptive Rate Control of ABR Sessions with MCRs," *INFOCOM'98. Seventeenth Annual Joint Conference of the IEEE Computer and Communications Societies, Proceedings IEEE Vol. 3*, pp. 1358-1365, 1998.
- [**Adishesu,96**] Adishesu, Parulkar, G., and Varghese, G., "A reliable and Scalable Striping Protocol," *SIGCOMM'96*, 1996.
- [**Almesberger,98**] Almesberger, Ferrari, T., and Le Boudec, J.-Y., "SRP: a Scalable Resource Reservation Protocol for the Internet," *Technical Report SSC/1998/009*, <http://sscwww.epfl.ch>, 1998.
- [**Armitage,96**] Armitage, G. J., "Multicast and Multiprotocol support for ATM based Internets," *ACM SIGCOMM Computer Communications Review*, pp. 34-46 1.996.
- [**Armitage,97**] Armitage, G. J., "IP Multicasting over ATM Networks", *IEEE Journal on Selected Areas in Communications*, Vol 15, No. 3, pp. 445-457, 1997.
- [**Benech,97**] D. Benech, T. Desprats, Y. Raynaud. "A KQML-CORBA based Architecture for Intelligent Agents Communication in Cooperative Service and Network Management", 1997.
- [**Bieszczad,98**] A. Bieszczad, B. Pagurek, T. White. "Mobile Agents for Network Management". IEEE Communications Surveys. 1.998. <http://www.comsoc.org/pubs/surveys/4q98issue/bies.html>
- [**Borger,97**] Borger L., "RSVP over ATM Implementation Guidelines", *Internet Draft*, June 1997.
- [**Campbell,94**] Campbell, A., Coulson, G., and Hutchison, D., "A Quality of Service Architecture", *ACM Computer Communications Review*, April 1994.
- [**Campbell,97**] Campbell, A. T., and Coulson, G., "QoS Adaptive Transports: Delivering Scalable Media to the Desktop", *IEEE Network*, pp. 18-27, March/April 1997.
- [**Chess,95**] D. Chess, C. Harrison, A. Kershenbaum. "Mobile Agents: Are They a Good Idea?" . I.B.M., 1.995.
- [**Conrad,97**] Conrad, P., Amer, P., Golden, E., Iren, S., Marasli, R., and Caro, A., "Transport QoS over Unreliable Networks: No Guarantees, No Free Lunch!", *IWQOS'97*, pp. 315-318, 1997.
- [**Dabbous,97**] Dabbous, "High performance Protocol Architecture," *Computer Networks and ISDN Systems*, 29, pp. 735-744, 1.997.
- [**Delgross,95**] Delgross, L., Berger, L., "Internet Stream Protocol Version 2 (ST2) Protocol Specification-Version ST2+," Aug. 1995.
- [**Djemame,97**] K. Djemame, and M. Kara, "Proposals for a Coherent Approach to Cooperation between TCP and ATM Congestion Control Algorithms," 1997.
- [**Falchuck,98**] B. Falchuck, A. Karmouch. "Visual Modelling for Agent-Based Applications". Computer, diciembre 1.998.
- [**Gai94**] D. Gaiti, "Distributed Artificial Intelligence as an AIP architecture for Network Management", Elsevier Science Publishers B.V., *Advanced Information Processing Techniques for LAN and WAN Management C-17*, pp.261-272, 1994.
- [**Gauthier,95**] Gauthier, and Le Boudec, J.-Y., "Scalability Enhancement for Connection-Oriented Networks," <http://sscwww.epfl.ch>, 1995.
- [**Giordano,97**] Giordano, Le Boudec, J.-Y., Oechslin, P., and Robert, S., "VBR over VBR: the Homogeneous, Loss-free Case," *INFOCOM'97. Sixteenth Annual Joint Conference of the IEEE Computer and Communications Societies, Driving the Information Revolution., Proceedings IEEE Vol. 1*, pp. 168-176, 1997.
- [**Giordano,97**] Giordano, Schmid, R., Beeler, R., Flink, H., and Le Boudec, J.-Y., "IP and ATM - a position paper," *Technical Report SSC/1997/017*, <http://sscwww.epfl.ch>, 1997.
- [**Goyal,96**] Goyal, P., Vin, H., Shen, C., Shenoy, P., "A reliable, Adaptive Network Protocol for Video Transport",

(*) Esta bibliografía ha sido también empleada de forma significativa, aunque no haya sido referenciada en los capítulos de la memoria de tesis.

- INFOCOM'96*, Vol 3, pp. 1080-1090, 1996.
- [**Gustafsson,97**] Gustafsson, E., and Karlsson, G., "A Literature Survey on Traffic Dispersion", *IEEE Network*, pp. 28-36, March/April 1997.
- [**Hayzelden,98**] A. L. G. Hayzelden and J. Bigham, "Heterogeneous Multi-Agent Architecture for ATM Virtual Path Network Resource Configuration," 1998.
- [**Handël,95**] Handël, R., Huber, M. N., Schoröder, S., "ATM Networks Concepts, Protocols. Applications (2ª Ed.)," *Addison-Wesley*, 1995.
- [**Hong,98**] Hong, and T. Suda, "Performance of ERICA and QFC for Transporting Bursty TCP Sources with Bursty Interfering Traffic," *INFOCOM'98. Seventeenth Annual Joint Conference of the IEEE Computer and Communications Societies, Proceedings IEEE Vol. 3 pp.1341-1349*, 1998.
- [**Huard,96**] Huard, J.-F., "kStack: A user space native-mode ATM transport layer with QoS support," *Technical Report CU/CTR TR 463-96-29*, Center for Telecommunications Research, Columbia University, New York, (1996) <http://comet.ctr.columbia.edu/software/ksatck>
- [**IKV,98**] "Grasshopper: The Agent Platform. Technical Overview". IKV++ GmbH. 1.998.
- [**Kai,95**] Kai-Yeung Siu, Hong-Yi Tzeng, "Congestion control for multicast service in ATM networks," *IEEE GLOBECOM'95*, pp. 310-314, (1995).
- [**Karjoth,97**] G. Karjoth, D. B. Lange, M. Oshima. "A Security Model for Aglets". *IEEE Internet Computing*, julio-agosto 1.997.
- [**Koifman,96**] Koifman, and Zabele, S., "RAMP: A Reliable Adaptive Multicast Protocol," *INFOCOM'96, Vol. 3 pp. 1442-1451*, 1996.
- [**Liu,97**] Liu, X., and H. T. Mouftah, "Queuing Performance of Copy Networks With Dynamic Cell Splitting for Multicast ATM Switching", *IEEE Transactions on communications*, vol. 45, No. 4, April, 1997.
- [**Nikolaos,98**] Nikolaos Anerousis, Aurel A. Lazar, "An architecture for Controlling Service Demand in ATM Networks based on Pricing Agents," 1.998.
- [**Nonnenmacher,98**] Nonnenmacher, and Biersack, E., "Optimal Multicast, Feedback," *INFOCOM'98. Seventeenth Annual Joint Conference of the IEEE Computer and Communications Societies, Proceedings IEEE Vol. 3 pp. 964-971*, 1998.
- [**Papadopoulos,98**] Papadopoulos, C., Parulkar, G., and Varghese, G., "An error Control Scheme for Large-Scale Multicast Applications," *INFOCOM'98. Seventeenth Annual Joint Conference of the IEEE Computer and Communications Societies, Proceedings IEEE Vol. 3*, pp. 1188-1196, 1988.
- [**Partridge,95**] Partridge, Hughes, J., and Stone, J., "Performance of Checksums and CRC over Real Data," *SIGCOMM'95, pp. 68-76*, 1995.
- [**Pitsillides,96**] Pitsillides, A., Ioannou, P., and Tipper D., "Integrated Control of Connection, Flow Rate, and Bandwidth for ATM based Networks", *INFOCOM'96, vol 2, pp.785-793*, 1995.
- [**Pitts,97**] J. M. Pitts, "Introduction to ATM. Design and Performance", Ed. Wiley, 1997.
- [**Pricker,95**] M. de Prycker, "Asynchronous Transfer Mode. Solution for Broadband ISDN (3ª Ed.)," *Ed. Prentice Hall*,(1995).
- [**Raha,96**] Raha, A., Kamat, S., and Zhao, W., "Admission Control for Hard Real-Time Connections in ATM LANs", *INFOCOM 1996, Vol. 1, pp. 180-188*, 1996.
- [**Ravindran,95**] Ravindran K., "A Flexible Network Architecture for Data Multicasting in "Multiservice Networks", *IEEE Journal on Selected Areas in Communications*, vol. 13, No 8, pp.1426-1444, Oct. 1995.
- [**Rizzo,97**] Rizzo, L., "Dumynet: a simple approach to the evaluation of network protocols," *ACM SIGCOMM Computer Communication Review* pp. 31-41, 1997.
- [**Rosenberg,98**] Rosenberg, J., and Schulzrinne, H., "Timer Reconsideration for Enhanced RTP Scalability," *INFOCOM'98. Seventeenth Annual Joint Conference of the IEEE Computer and Communications Societies, Proceedings IEEE Vol. 1*, pp. 233-241, 1998.
- [**Salama,97**] Salama, H., Reeves, D., and Viniotis, Y., "Evaluation of Multicast Routing Algorithms for Real-Time Communications on High-Speed Networks", *IEEE Journal on Selected Areas in Comm. Vol. 15 No. 3*, April 1997.
- [**Shacham,97**] Shacham and Yokota, H., "Admission Control Algorithms for Multicast Sessions with Multiple streams," *IEEE Journal on Selected Areas in Communications Vol 15, Nº 3*, pp. 557-566, April 1.997.
- [**Simmons,97**] Simmons, J., "Proof of correctness of ATM retransmission scheme," *Computer Network and ISDN Systems* 29, pp. 181-194, 1997.
- [**Sisalem,97**] Sisalem, D., "End-To-End Quality of Service Control Using Adaptive Applications," *IWQOS'97*, pp. 379-390, 1997.
- [**Strayer,92**] Strayer, T., Dempsey, B. J., and Weaver, A. V., "XTP - The Xpress Transfer Protocol," *Addison-Wesley Publishing Company*, (July 1992).

- [Veitch,97] Veitch, P., and Johnson, D., "ATM Network Resilience", *IEEE Network*, pp. 26-33, Sept/Oct. 1997.
- [Venners,97] B. Venners. "Solve Real Problems with Aglets, a Type of Mobile Agents". JavaWorld, mayo 1.997. <http://www.javaworld.com/javaworld/jw-05-1997/jw-05-hood.html>
- [Visi,98] "VisiBroker Version 3.3 Programmer's Guide. Naming and Event Services". Inprise Corp. 1.998.
- [Yang,96] Yang and J. Huang, "A multimedia Synchronization model and Its implementation in Transport Protocols," *IEEE Journal Selected and Communications Vol. 14 N° 1*, pp. 212-225, Jan. 1996.
- [Widjaja,96] I. Widjaja, M. F. Neuts, and Li Jian-Min, "Conditional overflow probability and profile curve for ATM congestion detection," *IEEE Proceedings INFOCOM'96*, pp. 970-977, (1996).
- Rec. I.321** Protocol Reference Model.
- Rec. I.150** B-ISDN ATM functional char ITU-TS 1.993.
- Rec. I.356.** "B-ISDN ATM Layer Cell Transfer Performance," *Frozen issue* March 1993.
- Rec. I.361.** "Especificación de la capa modo de transferencia asíncrono de la RDSI-BA," *UIT-T*, (11/1995).
- Rec. I.362** ATM Adaptation Layer.
- Rec. I.363.** "Especificación de la capa de adaptación del modo de transferencia asíncrono de la RDSI-BA," *UIT-T*, (03/1993).
- Rec. I.363.1.** "Capa de adaptación del modo de transferencia asíncrono tipo 1," *UIT-T*, (08/1996).
- Rec. I.363.3.** "Capa de adaptación del modo de transferencia asíncrono tipo 3/4," *UIT-T*, (08/1996).
- Rec. I.150.** "B-ISDN ATM functional characteristics", *ITU-TS*, (1993).
- ____ "Native ATM Service: Semantic Description Version 1", ATM Forum Technical Committee", *ATM Forum Document af-saa-0048.000*, (Feb 1996).
- ____ "ATM User-Network Interface (UNI) Signalling Specification Version 4.0," *ATM Forum Technical Committee, ATM Forum Document af-sig-0061*, (July 1996).
- ____ "ATM User Network Interface Specification V3.0", *Prentice-Hall, Inc.*, pp. 189-193, (1993).
- ____ "ATM user-network interface version 3.1 specification", *ATM Forum*, (1994).
- ____ "ATM Name System Specification", Version 1.0, *ATM Forum*, (Nov. 1996).

