

1. **"Queueing Delays in Buffered Multistage Interconnection Networks", C. Bouras, J. Garofalakis, P. Spirakis, V. Triantafillou, 1987 ACM SIGMETRICS Conference, May 11-14 1987, Banff, Alberta, Canada, pp. 111-121**
 1. Mean-Value Analysis Algorithms for Multistage Interconnection Networks, Hong J., Bhuyan L. N., Muppala J. K., Journal of Parallel and Distributed Computing, Vol. 12, Iss. 3, pp. 189-201, 1991
 2. Message Waiting Time with Interdependent Uniform Transfer and Processing Times, Katsinis C., Computers & Electrical Engineering, VOL.17 [N4], PG:283 - 296,1991
 3. The effect of related message transfer and process times waitingtimes and buffer sizes in switch architectures, C. Katsinis, IEEE Southeastern 92, April 12 – 15, 1992, Vol. 2, pp. 730 – 736
 4. Performance Modelling of Message-Based Multiprocessors Under Heavy Traffic, Katsinis C., Computer Systems Science and Engineering, VOL.7 [N3], PG:190 - 198,1992
 5. The Efficiency of Greedy Routing in Hypercubes and Butterflies, Stamoulis G. D., Tsitsiklis J. N., IEEE Transactions on Communications, Vol. 42, Iss. 11, pp. 3051 - 3061, 1994

2. **"Το SETL MON εργαλείο για τον έλεγχο της γλώσσας SETL", Γ. Γαροφαλάκης, Χ. Μπούρας, Π. Σπυράκης, Β. Ταμπακάς, Β. Τριανταφύλλου, 2ο Πανελλήνιο Συνέδριο Πληροφορικής, Θεσσαλονίκη, 4 - 6 Νοεμβρίου 1988, Τόμος 2ος, σελ. 640 – 652**
 6. SETL for Internet Data Processing, David Bacon, Ph.D. dissertation, New York University, January 2000

3. **"RECPHONE: A new environment for medical remote expert consultation", P. Basiroglou, C. Bouras, J. Garofalakis, G. Papoutsopoulos, P. Spirakis, EuroPACS'91, 9th International Meeting, Berlin, Germany, July 2-3, 1991, pp. 22-23**
 7. Remote Expert Consultation in Radiology - the TELEMED Project, Bartch F. R., Gerneth M., Schosser R., Proceedings of the 14th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Paris, Oct. 29 - Nov. 1, 1992, pp. 1240-1241

4. **"The effect of clock drifts on the performance of distributed timestamp ordering", C. Bouras, P. Spirakis, 3rd COMAD'91, December 12 – 14, 1991, Bombay, India, pp. 69 – 85**
 8. Global Synchronization of Asynchronous Computing Systems, R. Barnes, Master Thesis, Mississippi State University, Department of Electrical and Computer Engineering, December 2001 http://www.ece.msstate.edu/academics/gradprog/thesis/barnes_thesis.pdf

5. **"The perfect and imperfect clocks approach to performance analysis of basic timestamp ordering in distributed databases"**, C. Bouras, P. Spirakis, ICCI'93, 27 - 29 May, 1993, Sudbury, Ontario, Canada, pp. 403 – 407
 9. Global Synchronization of Asynchronous Computing Systems, R. Barnes II, Msc Thesis, Mississippi State University, 2001

6. **"HIPPOCRATES: A multimedia tool for distance education"**, C. Bouras, D. Fotakis, V. Kapoulas, P. Lampsas, G. Papoutsopoulos, P. Spirakis, A. Tatakis, ED-MEDIA 95, June 17-21 1995, Gratz, Austria, pp. 103-108
 10. Welcome to World Wide Web Server of the School-Internet at the Education, <http://www.ii.uam.es/eng/iwelcomii.html>
 11. Education in WWW, Julita Vassileva, Chapter from the book, Studieren und Forschen im Internet – Perpektiven fuer Wissenschaft, Wirtschaft, Kultur und Gesellschaft , Eds. G. Gross, U. Langer, R. Seising, Peter Lang Verlag, Frankfurt am Main, pp. 107 – 124
 12. Development and Integration of WWW-based Services in an Existing University Environment, John Garofalakis, Panagiotis Kappos, Athanasios Tsakalidis, John Tsaknakis, Giannis Tzimas, Vassilios Vassiliadis, WEBNET '97

7. **"Performance Modeling of Distributed Timestamp Ordering: Perfect and Imperfect Clocks"**, C. Bouras, P.Spirakis, PERFORMANCE EVALUATION JOURNAL, Elsevier Science, Vol. 25, No. 2, April 1996, pp. 105-130
 13. SimDS: A simulation environment for the design of distributed database systems, Chaturvedi AR; Gupta S; Bandyopadhyay S, Data Base for Advances In Information Systems, VOL.29 [N3],PG:65-81,1998
 14. Performance modelling of distributed and replicated databases, Nicola M., Jarke M., IEEE Transactions on Knowledge and Data Engineering, VOL.12 [N4],PG:645-672,2000
 15. iSAN - An Intelligent Storage Area Network Architecture, Ganesh Narayan, K. Gopinath, HiPC 2004: 262-273

8. **"An Interactive Cooperative Teleworking Environment-Τηλεμάθεια"**, C. Bouras, D. Fotakis, V. Kapoulas, S. Kontogiannis, K. Kyriakou, P. Lampsas, P. Spirakis, A. Tatakis, ED-TELECOM 96, June 17-22 1996, Boston, USA, pp. 37-42
 16. DIALECT – Network Based Digital Interactive Lectures, Apostolopoulos N., Geukes A., Zimmermann S., Computer Networks and ISDN Systems, VOL.28 [N14], PG:1873 - 1886,1996
 17. Considerations for the Development and Use of Educational Software, A. Tijiboy, D. Macada, M. Campos, ED-MEDIA/ED-TELECOM 97, Calgary, Canada, June 14 - 19, 1997
 18. Development and Integration of WWW-based Services in an Existing University Environment, John Garofalakis, Panagiotis Kappos,

Athanasios Tsakalidis, John Tsaknakis, Giannis Tzimas, Vassilios Vassiliadis, WEBNET '97

19. Teleteaching scenarios for high bandwidth networks, Klein A, Computer Networks and ISDN Systems, Vol.30 [N16-18], PG:1707 - 1716, 1998
 20. Web-based Intelligent Tutors Derived from Lecture-based Courses, M. Stern, Master Thesis, <http://umass.edu/~stern/proposal.ps>
 21. Network implementation of an intelligent tutoring system, M. Stern, <http://umass.edu/~stern/papers/synthesis.ps>
 22. Welcome to World Wide Web Server of the School-Internet at the Education, <http://www.ii.uam.es/eng/iwelcomii.html>
 23. PROJETO LUAR, http://penta.ufrgs.br/edu/telelab/mundo_mat/pla_mmat.htm
 24. Considerations for the Development and Use of Educational Software, Ana Vilma Tijiboy, Debora Laurino Maçada, Márcia de Borba Campos, In Proceedings of the International Conference on Signal Processing and Multimedia Applications (WINSYS 2006), Setubal, Portugal 7-10 August, 2006
- 9. "TRENDS: Training Educators through Networks and Distributed Systems", C. Bouras, V. Kapoulas, N. Kastis, P. Spirakis, 1996 EDEN Conference, 8-10 July 1996, Futuroscope Poitiers, France, pp. 195-199**
25. Welcome to World Wide Web Server of the School-Internet at the Education, <http://www.ii.uam.es/eng/iwelcomii.html>
 26. Development and Integration of WWW-based Services in an Existing University Environment, John Garofalakis, Panagiotis Kappos, Athanasios Tsakalidis, John Tsaknakis, Giannis Tzimas, Vassilios Vassiliadis, WEBNET '97
- 10. "Randomized adaptive video on demand", C. Bouras, V. Kapoulas, T. Pantziou, P. Spirakis, 15th ACM-PODC, 1996, Philadelphia PA, USA**
27. Sharing Video on Demand - Constant Competitive Ratio with Long Notification Time, Bar-Noy H., Garay J., Herzberg A., Workshop on Algorithmic Aspects of Communications (ICALP satellite workshop), Bologna, Italy, July 11-12, 1997
 28. Online Scheduling of Continuous Media Streams, B. Monien, P. Berenbrink, R. Luling, M. Riedel, Foundation of Computer Science: Potential-Theory-Cognition, C. Freska, M. Jantien, R. Valk(eds), LNCS 1337, 1997, pp. 313-320
 29. Sharing video on demand, A. Bar – Noy, J. Garay, A. Herzberg, Discrete Applied Mathematics, Elsevier Science, Volume 129, 2003, pp. 3 – 30
- 11. "On - Demand Hypermedia/Multimedia Service over Broadband Networks", C. Bouras, V. Kapoulas, D. Miras, V. Ouzounis, P. Spirakis, A. Tatakis, 5th IEEE**

International Symposium On High Performance Distributed Computing (HPDC - 5), 6 - 9 August, 1996, Syracuse, New York, USA, pp. 224 – 231

30. Data service system, data distribution unit, data terminal unit, and data distribution method, T NAKATSUYAMA - EP Patent 0,912,061, 1999
31. Adaptive bandwidth footprint matching for multiple compressed video streams in a fixed bandwidth network, Indra Laksono, US Patent Ap. 2002/0140851 A1, October 2003
32. FPM/PMM, US Patent 7120253, 2003
33. System and method for processing audio frames, H Zeng - US Patent App. 10/461,095, 2003 - Google Patents
34. Method and system for noise reduction in an image, SZ Zeng - US Patent App. 10/673,612, 2003 - Google Patents
35. System and method for multimedia delivery in a wireless environment, United States Patent Application 20060161675
36. An e-learning service management architecture, TK Apostolopoulos, A Kefala, The 3rd IEEE International Conference on Advanced Learning Technologies, 2003. Proceedings, 140- 144
37. System and method of transmitting data packets, S. Patel, US Patent 6889257, 2005
38. Method and system for bit – based data access, J. Chan, I. Laksono, US Patent 7054964, 2006
39. Group of pictures, C. Electronics, US Patent 7130350, 2006
40. System for providing data to multiple devices and method thereof, J. Kelton, M. Cave, J. Girardeau, M. May, US Patent 7106715, 2006
41. Method and system for encoding and decoding data in a video stream, P Rault - US Patent 7,130,350, 2006
42. System for signal mixing and method thereof, MR May - US Patent 7,139,330, 2006
43. Method and system for transcoding video data, P Rault - US Patent 7,133,452, 2006
44. Method and system for protecting video data, P Ducharme, S Eng - US Patent 7,120,253, 2006
45. Managing VCR interactions in multimedia presentations, Alustwani, H., Bahi, J.M., Mostefaoui, A., 2006, 2006 1st International Conference on Digital Information Management, ICDIM, art. no. 4221887, pp. 179-186
46. Method and system for scaling images, SZ Zeng - US Patent 7,277,101, 2007
47. Monolithic semiconductor device for preventing external access to an encryption key, P Ducharme - US Patent 7,165,180, 2007
48. Method and system for transmitting video content while preventing other transmissions in a contention-based network, J Doyle - US Patent 7,310,679, 2007

49. Method and system for rate control during video transcoding, Z Zeng, I Laksono - US Patent 7,356,079, 2008
50. Method of video encoding using windows and system thereof, P Rault... - US Patent 7,408,989, 2008 - Google Patents
51. System and method for multiple channel video transcoding, Patrick Rault, US Patent 7,403,564 B2
52. Method and system for secure content distribution, P. Ducharme, US Patent 7,406,598 B2, July 2008
53. System and method for adaptive DC offset compensation in wireless transmission, Paul M. Astrachan, US Patent 7,400,869 B2, July 2008
54. Heuristics for Optimizing Multi-Clip Queries in Video Databases, H Kosch, A Mostefaoui, L Böszörményi, L Brunie, Journal of Multimedia Tools and Applications, Volume 22, pp. 235-262
55. Device and method for compression of a video stream, I Laksono - US Patent 7,602,847, 2009 - Google Patents
56. System of intra-picture complexity preprocessing, SZ Zeng - US Patent 7,609,766, 2009 - Google Patents
57. System for allocating data in a communications system and method thereof, MR May - US Patent 7,596,127, 2009 - Google Patents
58. Method and system for noise reduction in an image, S. Z. Zeng, US Patent 7,668,396 B2, Feb. 2010
59. System and method for dynamic transrating based on content, Andra Laksono, US Patent 7,707,485 B2, April 2010

12. "In-Service Training through ODL Environments: From User Needs To Functional Specifications", C. Bouras, P. Lampsas, P. Spirakis, 8th International Conference Society for Information Technology and Teacher Education-SITE 97, Orlando, USA, April 1-5, 1997, pp. 519-522

60. A Study on Teacher's In-service Training Using Distance Education in EU Member States, EC 1997

13. "Using Multimedia/Hypermedia Tools over Networks for Distance Education and Training", C. Bouras, D. Fotakis, V. Kapoulas, S. Kontogiannis, P. Lampsas, A. Tatakis, Journal of Educational Technology Review - ETR, AACE, Summer 1997, No. 7, pp. 20-26

61. Higher Education & Distance Learning, Gan Siowck Lee, ACAD 1998, <http://pppl.upm.edu.my/~gansl/acad98.html>
62. Developing Intelligent Hypermedia systems On The World Wide Web For Distance Learning, T. Roselli, P. Lombardi, S. Loverro, ED-MEDIA/ED-TELECOM 98,
63. Benefits of Internet Use in Education, The Internet in Education, <http://glorieta.fcep.urv.es/modulos/modulos/aplicaciones/davies.html>

64. Multidimensional taxonomy of learners cognitive processing in discourse synthesis with hypermedia, Yang SC, Computers in Human Behaviour 2002, Vol 18, Iss 1, pp 37-68
- 14. "Superhighways for Open and Distance Learning", C. Bouras, P. Lampsas, P. Spirakis, 1997 EDEN Conference, Budapest, Hungary, 23-25 June, 1997, pp. 32-36**
65. Experiences with the use of new information and communications technology in marketing education - an Austrian case study, Meixner O., Haas R., APTEC Conference, Leicester GB, Jan 1998
- 15. "A General Performance Model for Multistage Interconnection Networks", C. Bouras, J. Garofalakis, P. Spirakis, V. Triantafillou, Euro-Par '97, Passau, Germany, Aug. 25-29, 1997, pp. 993-1000**
66. Υπάρχει αναφορά στις σελίδες του WEB του Πανεπιστημίου του Paderborn με χαρακτηρισμό σαν αντιπροσωπευτική εργασία στην περιοχή της απόδοσης αλγορίθμων δρομολόγησης σε διασυνδεδεμένα δίκτυα (Καθ. Burkhard Monien και Ralf Rehrmann, Reinhard Loling, Ralf Diekmann), http://www.upb.de/sfb376/projects/a3/TP_A3_Architektur.html
67. UNIVERSITÀ DEGLI STUDI DI ROMA "LA SAPIENZA" FACOLTÀ DI SCIENZE MATEMATICHE, FISICHE E NATURALI TESI DI LAUREA IN FISICA, <http://www.roma1.infn.it/exp/atlas/documentation/thesis/Cesari.pdf>
68. Performance analysis of finite buffered multistage interconnection networks routing two-class traffic, Nassar, H., Ahmed, M., 2006, Proceedings - International Symposium on Computers and Communications, art. no. 1691103, pp. 668-673
- 16. "Multimedia Architecture offering Open Distance Learning Services over Internet", A. Bazaios, C. Bouras, P. Lampsas, P. Spirakis, P. Zarafidis, A. Zoura, 5th IEEE International Conference on Telecommunications - ICT 98, Chalkidiki, Greece, 22-25 June 1998, Vol. 4, pp. 145-149**
69. A coordination framework and architecture for Internet groupware, Dommel HP; Garcia Luna Aceves JJ, Journal of Network and Computer Applications, VOL.23 [N4], pp. 401-427,2000
- 17. "Distributed Virtual Reality Environments Over Web for Distance Education", C. Bouras, A. Filopoulos, 1998 EDEN Conference, Bologna, Italy, 24 - 26 June, 1998, pp. 481 - 484**
70. Virtual Reality and Education Laboratory, College of Education, East Carolina University, Greenville, North Carolina Greenville, North Carolina, USA, <http://www.coe.ecu.edu/vr/other.htm>
71. Virtual laboratories using interactive 3 - D simulations for remote sensing education, P. Bhatt, M. Aten, P. Lawhead,

http://geoworkforce.olemiss.edu/student%20papers/Pari_Virtual_Lab_paper.pdf.

72. An Internet Based Collaborative Multi-Agent Environment proposal for the Construction and Simulation of Electrical Circuits, Intelligent Computing in the Petroleum Industry (Workshop ICPI), Associated with XI International Conference on Computing – CIC 2002
 73. Preliminary study on the characteristics of virtual environments for reaching new heights in education, Sulbaran T., Marcum C., ASEE Annual Conference Proceedings, 2004, 11249 – 11257
 74. A Prototype of the Web-Based Marine Training Environment, Cui Xie, Xiuwen Liu, Yicheng Jin, Advances in Web-Based Learning – ICWL 2005: 4th International Conference, Hong Kong, China, July 31 – August, 2005, pp. 66 – 77
 75. A Collaborative Multi-Agent Virtual Environment Proposal for the Construction and Simulation of Electrical Circuits : e-experimentation, Leandro Balladares Ocaña, Ernesto Germán Soto, Miguel Contreras Montoya Intelligent Computing in the Petroleum Industry (Workshop ICPI), Associated with XI International Conference on Computing – CIC 2002
 76. Concepts, Applications, and Research of Virtual Reality Learning Environments, Yukiko Inoue, International Journal of Social Sciences Volume 2 Number 1 2008 ISSN 1306-973X
 77. E-Learning Systems in Virtual Environment, H.M Abdul-Kader, 6th International Conference on Information & Communications Technology, 2008. ICICT 2008, pp 71-76 Knowledge Management for Plant Shutdown in Collaborative Virtual Reality, Andrew Strelzoff and Tulio Sulbaran, The International Journal of Virtual Reality 2009, IJVR 8(4) pp73-78
 78. Simulated Architecture and Programming Model for Social Proxy in Second Life, Cintia Caetano, Micheli Knechtel, Roger Resmini, Ana Cristina Garcia, Anselmo Montenegro, International Conference on Information Society (i-Society 2010) June 28-30, 2010, London, UK
- 18. A platform for the implementation of the services of an Educational Network", C. Bouras, A. Gkamas, V. Kapoulas, P. Lampsas, Th. Tsiatsos, 15th IFIP World Computer Congress - Teleteaching '98, Vienna, Austria, August 31 - September 4, 1998, Part I, pp. 159 – 169**
79. Implementation of an Electronic Tutorship Support System in a School of Business Administration: a Case Study, O. Gonzalez, D. Perez, V. Canovas, SITE 2001
 80. Application de Internet como nuevo espacio de formacion y comunicacion para los Centros de Primaria y Secundaria, Maria Jesus Verdu Perez, Phd Thesis.<http://descargas.cervantesvirtual.com/servlet/SirveObras/45701733213436106665679/007324.pdf>

81. MULTIFACTORIAL OPTIMIZATION SYSTEM AND METHOD, Hoffberg, Steven M. (West Harrison, NY, US), United States Patent 20070087756, Application Number 11/467931, Publication Date: 04/19/2007
19. **"An Intranet and Internet based Information System for Administration and Information purposes", C.Bouras, P. Destounis, J. Garofalakis, J. Tzimas, B. Triantafillou, P. Zarafidis, 4th European Digital Cities Conference: Changing patterns of urban life, Salzburg, Austria, October 29 - 30, 1998, pp. 211 – 215**
82. Corfu Communities Cooperate Over the Web, <http://www.microsoft.com/resources/casestudies/CaseStudy.asp?CaseStudyID=12056>
20. **"Web-Enabled Distance Education Environment", A. Bazaios, C. Bouras, P. Lampsas, G. Tsindilas, World Conference of the WWW, Internet and Intranet-WebNet 98, Orlando, Florida, USA, November 7-12, 1998, Vol. I, pp. 80-85**
83. Web-Based Training Resources, M. Tigi, B. Khan, Chapter in Web-based training, B. Khna(Ed.), Englewood Cliffs, NJ: Educational Technology Publications, <http://bookstoread.com/resources/wbt>
84. Students orientation for online programs, Journal of Research on Technology in Education (JRTE), Vol. 34, No 1, pp. 19 – 27
21. **"A Distributed Virtual Learning Center in Cyberspace", C. Bouras, A. Filopoulos, D. Fotakis, 4th International Conference on Virtual Systems and Multimedia, Gifu, Japan, November 18 - 20, 1998, Vol. 2, pp. 410 – 415**
85. Extending the role of glossaries in virtual learning environment, [Katherine M. Sinitsa](#), [Alla Manako](#), Proceedings of the IFIP TC3/WG3.1 Open Conference on Communications and Networking in Education: Learning in a Networked Society 2000
86. A comparison study of evolutive algorithms for solving the partitioning problem in distributed virtual environment systems, P. Morillo, J. M. Orduña, M. Fernández, Parallel Computing, Volume 30, Issue 5 – 6, May 2004, Special issue: Parallel and nature-inspired computational paradigms and applications, pp. 585 – 610
87. A Fine-Grain Method for Solving the Partitioning Problem in Distributed Virtual Environment Systems, P. Morillo, J.M. Orduña, M. Fernández and J. Duato Proceedings of the 16th IASTED International Conference on Parallel and Distributed Computing and Systems (PDCS'04), Volume I, pp. 292-297, MIT Cambridge, MA, USA. November, 2004. Best paper award in the area of load balancing, PDCS'04
88. A New Partitioning Approach for Distributed Virtual Environment Systems, P. Morillo, J.M. Orduña, M. Fernández and J. Duato, XV JORNADAS DE PARALELISMO - ALMERIA, SEPTIEMBRE 2004, pp 1 – 6

89. A method for providing QoS in distributed virtual environments, Morillo, P. Orduna, J.M. Fernandez, M. Duato, J., 13th Euromicro Conference on Parallel, Distributed and Network-Based Processing, 2005. PDP 2005, pp. 152- 159
90. Improving the Performance of Distributed Virtual Environment Systems, P. Morillo, J.M. Orduña, M. Fernández and J. Duato , IEEE Transactions on Parallel and Distributed Systems, Volume 16 ,Issue 7, July 2005, pp. 637 - 649
91. Handbook of Bioinspired Algorithms and Applications, Chapter Solving the Partitioning Problem in Distributed Virtual Environment Systems using Evaluative Algorithms, P. Morillo,, M. Fernández http://informatica.uv.es/~pmorillo/papers/pmorillo_librohb.pdf
92. Providing full awareness to distributed virtual environments based on peer – to – peer architectures, P. Morillo, W. Moncho, J. Orduna, J. Duato, LNCS 4035, pp 336 – 347
93. Workload characterization in multiplayer online games, P. Morillo, M. Orduna, M. Fernadez, LNCS 3980, pp. 490 – 499
94. A Latency – Aware Partitioning Method for Distributed Virtual Environment Systems, P. Morillo, S. Rueda, J. Orduna, J. Duato, IEEE Transactions on Parallel and Distributed Systems, Vol. 18, No. 9, 2007
95. On the characterization of peer-to-peer distributed virtual environments Rueda, S. , Morillo, P. , Orduña, J.M. , Duato, ,Proceedings - IEEE Virtual Reality 2007, pp 107 – 114
96. A Peer-To-Peer platform for simulating distributed virtual environments, 2007, S Rueda, P Morillo, JM Orduna, International Conference on Parallel and Distributed Systems (2) pp. 1-8
97. Solving the Partitioning Problem in Distributed Virtual Environment Systems Using Evolutionary, P. Morillo, M. Fernández, J. M. Orduna, Journal of Performance Evaluation (30) p. 547
98. Design the Time-Interval Based Fairness Partitioning Method in DVE, 2007, D Won, B Kim, S Chung, International Symposium on Information Technology Convergence, 2007. ISITC pp. 81-85
99. A dynamical adjustment partitioning algorithm for distributed virtual environment systems, Wei ning, Cai Hong-ming, Jiang Li-hong, Proceedings of The 7th ACM SIGGRAPH International Conference on Virtual-Reality Continuum and Its Applications in Industry VRCAI '08
100. A partitioning method of balancing CPU utilization of servers in DVE, Dongkee Won, Tingting Li, Beobkyun Kim, Dongun An, Seungjong Chung, Proceedings of the IASTED International Conference on Parallel and Distributed Computing and Networks (PDCN '08)
101. A comparative study of awareness methods for peer-to-peer distributed virtual environments, 2008, S. Rueda, P. Morillo, J. M. Orduña, Computer Animation and Virtual Worlds, Vol. 19 Is. 5, pp. 537 - 552

102. Analyzing the Network Traffic Requirements of Multiplayer Online Games, 2008, Asensio, Enrique Orduña, Juan M. Morillo, Pedro, The Second International Conference on Advanced Engineering Computing and Applications in Sciences, ADVCOMP '08. pp. 229-234
103. DVE architecture based on message category, Wu, Y.-H., Zhang, Q., Cai, Y.-Z., Xu, X.-M., Journal of Harbin Institute of Technology (New Series) Volume 16, Issue 4, August 2009, pp 492-497
104. M-GRASP: a GRASP with memory for latency-aware partitioning methods in DVE systems, P. Morillo, J. M. Orduna, Jose Duato, Journal IEEE Transactions on Systems, Man and Cybernetics, Part A (Systems and Humans), Volume: 39, 2009, pp: 1214 – 23
105. Load Balancing Procedure for Building Distributed e-Learning Systems, Marian Cristian Mihaescu, Dumitru Dan Burdescum, Mihai Lucian Mocanu, Costel Marian Ionascu, eLmL 2011, The Third International Conference on Mobile, Hybrid, and On-line Learning, pp. 82-87

22. "Analytical Performance Models for Multistage Interconnection Networks with finite, infinite and zero length buffers", C. Bouras, J. Garofalakis, P. Spirakis, V. Triantafillou, PERFORMANCE EVALUATION JOURNAL, Elsevier Science, Vol. 34, 1998, pp. 169-182

106. Scheduling length for switching element disjoint multicasting in Banyan – type switching networks, Yeonghwan Tscha, Journal of Systems Architecture, Elsevier Science, Volume 48, 2003, pp. 175 – 191
107. Performance analysis of finite buffered multistage interconnection networks routing two-class traffic, Nassar, H. , Ahmed, M. , Proceedings - International Symposium on Computers and Communications 2006, pp. 668 – 673
108. A performance modeling scheme for multistage switch networks with phase-type and bursty traffic, Yu, M., Zhou, M, IEEE/ACM Transactions on Networking, Volume 18, Issue 4, August 2010, Article number 5352328, pp 1091-1104

23. "Cooperative Information Systems over the Internet and the WWW", C. Bouras, P. Destounis, J. Garofalakis, J. Tzimas, B. Triantafillou, P. Zarafidis, EUROMEDIA 99 - APTEC, Munich, Germany, April 25 - 28, 1999, pp. 232 - 236

109. Contextual Factors associated with Management Information Systems in a Virtual Organization, AHS Scott, Joseph Mula, BAI 2004 (International Workshop on Business and Information)

24. "On - Demand Hypermedia/Multimedia Service using Pre - Orchestrated Scenarios over the Internet", C. Bouras, V. Kapoulas, D. Miras, V. Ouzounis, P. Spirakis, A. Tatakis, Networking and Information Systems Journal, Hermes Science Publishing, Volume 2, No. 5 - 6, 1999, pp. 741 - 762

- 110. Enhancement of Processing Efficiency in Multimedia Database Management Systems and Video Servers supported by the Use of Meta – Data, H. Kosch, Habilitationsschrift, University of Klagenfurt, Austria November 2001
- 111. An E – Learning Service Management Architecture, T. Apostolopoulos, A. Kefala, 3rd IEEE International Conference on Advanced Learning Technologies, Athens, Greece, July 9 – 11, 2003, 140-144
- 112. A configurable middleware architecture for deploying e – learning services over diverse communication networks, Apostolopoulos T., Kefala A., International Conference on Computers and Advanced technology in Education, 2003, pp. 235 – 240
- 113. Heuristics for Optimizing Multi – clip Queries in Video Databases, H. Kosch, L. Boszormenyi, A. Mostafaoui, L. Brunie, Multimedia Tools and Applications, Kluwer Press, 22, 2004, pp. 235 - 262
- 114. Distributed Multimedia Databases Technologies supported by MPEG – 7 and MPEG – 21, H. Kosch, <http://www-itec.uni-klu.ac.at/~harald/mmbook/sample.pdf>.

25. "A Cooperative Environment for Local Government: An Internet - Intranet Approach", C. Bouras, P. Destounis, J. Garofalakis, J. Tzimas, B. Triantafyllou, P. Zarafidis, Journal of Telematics and Informatics, Elsevier Science, Vol. 16, Issue 1 - 2 (1999), pp. 75 - 89

- 115. Development of an Internet Map Server, P. Tsanna, Z. A. Bakara, L. Sangb, NSF Workshop
- 116. Playing The Political Game On-Line: The Israeli Case-Study, Vered Elishar-Malka, MEViC Conference, Aug. 1-15, 2000, Israel., <http://www.mevic.org/papers/cyber-israel.html>
- 117. Intranet – State of the Art and Future Directions, B. Bank, C.A. Nystrom, IRIS 2002, Denmark, 10-13 August, 2002.
- 118. Group decision support for public policy planning, Van Groenendaal, Information and Management, 40(5), May 2003, pp. 371 - 390
- 119. A resource – based CSCW supporting environment for rapid design, Cai H., He Y., Wu Y., 9th International Conference on Computer Supported Cooperative Work in Design, Vol. 1, 2005, pp. 101 – 106
- 120. Recent literature on government information, Hutto, D.H., Journal of Government Information 28 (2), pp. 185-240
- 121. Interactive mechanism for cooperative design in web environment based on multi-agent technology, Cai, H. , Lihong, J. , Yiqiong, Z. , 10th International Conference on Computer Supported Cooperative Work in Design, CSCWD 2006, pp. 608 – 613
- 122. Adoption of e - government in three Latin American countries: Argentina, Brazil and Mexico, Lau, T.Y., Aboulhosen, M., Lin, C., Atkin, D.J., Telecommunications Policy, Volume 32, Issue 2, March 2008, pp. 88 - 100

123. A decision support system for designing new services tailored to citizen profiles in a complex and distributed e-government scenario, De Meo, P., Quattrone, G., Ursino, D., 2008 Data and Knowledge Engineering 67 (1), pp. 161-184
124. E-learning in the internet supporting quality of life and environment within sustainability in the EU, Koutroumanidis, T., Andreopoulou, Z.S., Journal of Environmental Protection and Ecology, Volume 10, Issue 4, 2009, pp 1227-1242

26. "The Information and Communication Technologies in Education", C. Bouras, A. Filopoulos, D. Fotakis, 3rd Open Classroom Conference, Balatonfured, Hungary, 25 - 26 March, 1999, pp. 27 - 31

125. Design of an Open and Distance Learning Framework Focused on Knowledge Management, P. Amann, e – Everything: e – Commerce, e – Government, e – Household, e- Democracy, 14th Bled Electronic Commerce Conference, Bled, Slovenia, June 25 – 26, 2001, pp. 96 – 116

27. "Virtual European School-VES", C. Bouras, D. Fotakis, V. Kapoulas, A. Koubek, H. Mayer, H. Rehatscheck, IEEE Multimedia Systems'99, Special Session on European Projects, Florence, Italy, June 7 - 11, 1999, pp. 1055 – 1057

126. Adding value to educational content by applying MRA filtering, A. Tretiakov, H. Hong, Kinshuk, 3rd IEEE International Conference on Advanced Learning Technologies (ICALT 2003), Athens, Greece, 9 – 11, 2003, pp. 27 – 31
127. A Web-Based Multimedia Virtual Reality Environment for E-Learning, Gavin McArdle, Teresa Monahan, Michela Bertolotto, Eleni Mangina, Eurographics 2004 - the annual conference of the European Association for Computer Graphics, Grenoble (France), August 30 - September 3, 2004
128. Self-tuning multi-representing e-learning system (SMES) by decision maker intelligent agent (DMIA) for increasing training effectiveness, MH Nadimi, 2005, Proceedings of the 4th WSEAS International Conference on Artificial Intelligence, Knowledge Engineering Data Bases
129. 3D Collaborative virtual environments for e – learning and m – learning, G. McArdle, T. Monahan, M. Bertolotto, 5th International Conference on Web – based education, 2006, pp. 1 – 6
130. Distance Geographic Learning Based on Collaborative Virtual Environment, W. Li, J. Gong, D. Wang, M. Huang, J. Zhou, 7th International Conference, ICCS 2007 , Beijing, China, May 27 - 30, 2007, Proceedings, Part III pp. 512 – 522
131. Virtual Reality for Collaborative e – Learning, T. Monahan, G. McArdie, M. Bertolotto, Journal of Computers and Education, Elsevier Science, Vol. 50, Issue 4, 2008, pp. 1339 – 1353

132. Will on-line educational multimedia become a mainstream learning support medium? A Koubek, T Joanneum, available online: <http://www.fh-joanneum.at/zml/wartung/material/publikationen/V/1999/intele99ves3.doc>
133. Design and implementation of collaborative virtual geographic education environment, Li, W., Gong, J., Zhou, J., 2008, Geomatics and Information Science of Wuhan University 33 (3), pp. 289-292
134. Exploring the use of 3D collaborative interfaces for e-learning, McArdle, G., Studies in Computational Intelligence Volume 217, 2009, pp. 249-270

28. "A Web - based distributed environment to support teleteaching: Design and Implementations issues", C. Bouras, A. Gkamas, Th. Tsiatsos, 3rd International Workshop on Query Processing and Multimedia Issues in Distributed Systems (QPMIDS' 99), Florence, Italy, September 1 - 2, 1999, pp. 906 – 911

135. On Application of Internet in Design Education, MIT 2001, http://thinkdesign.cgu.edu.tw/File_uploads/wenzhi/2001_MIT.pdf
136. <http://www.cmr.com.cn/distance/wangluo/006.htm>
137. Internet Mediated Design Course: Participation Analysis for Online Class Interactions, http://thinkdesign.cgu.edu.tw/File_uploads/wenzhi/2001_TVE_16.pdf

29. "Distributed Learning Environment using Advanced Services over the Internet", C. Bouras, A. Gkamas, Th. Tsiatsos, 3rd Internet and Multimedia Systems and Applications (IMSA), Nassau, Grand Bahamas, October 18 - 21, 1999, pp. 182 – 186

138. A Cooperative Environment for E-Learning Authoring, A. Pinheiro, M. Kirsch, Telecken, T., Zeve, C., Lima, J.V. de, Edelweiss N., Document Numerique, v. 5, n.3-4, Julho 2002. Editions Hermes Science: Paris, 2002. pp. 89-114
139. Real-time Peer Collaboration in Open and Distance Learning, Nikolaos M. Avouris, Meletis Margaritis, Vassilis Komis, 6th HERCMA 2003, Athens, September 2003
140. Synchronous Collaboration in Distance Education: A Case Study on a Computer Science Course, M. Xenos, N. Avouris, V. Komis, D. Stavrinoudis, M. Margaritis, Proc. IEEE ICALT 2004, Joensuu, FI, September 2004. (http://www.ee.upatras.gr/hci/papers/c82_Xenos_etal_ICALT2003.pdf)
141. Experiences from Distant Collaboration Experiments on Programming Techniques [c105] Xenos M., Stavrinoudis D., Avouris N., Margaritis, M., Experiences from Distant Collaboration Experiments on Programming Techniques, Proc. 3rd International Conference on Open

and Distance Learning, Patras, November 2005, Propombos Publ, Vol A, pp. 545-559 (in Greek)

142. Digital library and Distance Learning Web service based Middleware: Specifications and Applications. Kashfi, H., Razzazi, M.R. Information and Communication Technologies, 2006. ICTTA '06, pp. 631-636.

143. Εφαρμογή σύγχρονης τηλε-συνεργασίας στο Πρόγραμμα Σπουδών Πληροφορικής του ΕΑΠ, Μιχάλης Ξένος, Νικόλαος Αβούρης, Βασίλης Κόμης, Δημήτρης Σταυρινούδης, Μελέτης Μαργαρίτης (Technical Report HOU-CS-TR-2004-03-GR), Ελληνικό Ανοικτό Πανεπιστήμιο, Σχολή Θετικών Επιστημών και Τεχνολογίας

144. ΑΝΑΛΥΣΗ ΚΑΙ ΥΠΟΣΤΗΡΙΞΗ ΤΗΣ ΣΥΝΕΡΓΑΣΙΑΣ ΜΙΚΡΩΝ ΟΜΑΔΩΝ ΜΕ ΧΡΗΣΗ ΔΙΑΓΡΑΜΜΑΤΙΚΩΝ ΑΝΑΠΑΡΑΣΤΑΣΕΩΝ, ΔΙΔΑΚΤΟΡΙΚΗ ΔΙΑΤΡΙΒΗ, ΜΕΛΕΤΙΟΣ Α. ΜΑΡΓΑΡΙΤΗΣ, ΠΑΝΕΠΙΣΤΗΜΙΟ ΠΑΤΡΩΝ, ΤΜΗΜΑ ΗΛΕΚΤΡΟΛΟΓΩΝ ΜΗΧΑΝΙΚΩΝ ΚΑΙ ΤΕΧΝΟΛΟΓΙΑΣ ΥΠΟΛΟΓΙΣΤΩΝ, ΝΟΕΜΒΡΙΟΣ 2006

145. MULTIFACTORIAL OPTIMIZATION SYSTEM AND METHOD, Hoffberg, Steven M. (West Harrison, NY, US), United States Patent 20070087756, Application Number 11/467931, Publication Date: 04/19/2007

30. "Today's Stories", M. Panayi, D. Roy, N. Bernsen, W. Velde, J. Klaff, O. Cakmakci, K. Paepe, G. Lassbo, I. Hakvoort, D. Beach, C. Bouras, V. Kapoulas, A. Sevasti, A. Konidaris, Y. Barlev, A. Aviram, G. Neofotistos, i³ Annual Conference, Sienna, Italy, October 22 - 24, 1999, pp. 88 - 94

146. Why a storytelling application as a design case? A. Makela, Design for user experience – Nordic design student workshop in Finland

147. Investigating Multimodal Interactions for the design of Learning Environments: A case study in Science Learning, S. Anastopoulou, PhD., University of Birmingham, School of electronics, Electrical and Computing Engineering, 2004

148. Literature Survey on Automated Capture and Access in Ubiquitous Computing, JA Kientz

31. "Distance learning environment using advanced services over the Internet", Bouras, C., Gkamas, A., Tsiatsos, T., 3rd IASTED Conf. Internat and Multimedia Systems and Applications Nassau, Bahamas, October, 1999

149. Synchronous collaboration in distance education: A case study on a computer science course, Xenos, M., Avouris, N., Komis, V., Stavrinoudis, D., Margaritis, M., Proceedings - IEEE International Conference on Advanced Learning Technologies, ICALT 2004 2004, pp. 500-504

32. "A Dynamic Distributed Video on Demand Service", C. Bouras, V. Kapoulas, A. Konidaris, A. Sevasti, 20th IEEE International Conference on Distributed Computing Systems (ICDCS 2000), Taipei, Taiwan, April 10 - 13, 2000, pp. 496 – 503
150. Taiwan Academic Network Conference, Oct. 24 – 26, 2001, CCU, Chiayi, Taiwan, http://www.ccu.edu.tw/TANET2001/TANET2001_Papers/S115.pdf
151. A Distributed File System for Video-on-Demand System, Yuan-Chun Chiu http://www-scf.usc.edu/~yuanchuc/555_VOD_paper.doc
152. Near video – on – demand systems with combining multicasting and unicasting batching, Chang L. H., Lai K. C., IEEE Region 10 International Conference on Electrical and Electronic Technology, 2001, pp. 198 – 201
153. Scheduling Strategy for Implementing a Practical VoD System, Lin-huang Chang, K.C. Lai, In Proceedings of the 2002 International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA '02), (Session: Applications video), Monte Carlo Resort & Casino Las Vegas, Nevada, USA, June 23-27, 2002
154. Decentralized Media Streaming Infrastructure (DeMSI): A Peer-to-Peer Content Delivery Network, Alan Kin Wah Yim, Msc. 2004, <http://www.gridbus.org/students/AlanMITThesis2004.pdf>
155. Decentralized Media Streaming Infrastructure (DeMSI): An Adaptive and High – Performance Peer – to – Peer Content Delivery Network, A. Yim, R. Buyya, Journal of Systems Architecture, Elsevier Science, Volume 52, Issue 12, December 2006, pp. 737 – 772
156. A VoD system with dynamic batching time to support multi-channel IPTV, Chang, L.-H., Liao, M.-Y., Liaw, J.-J., 2007, WSEAS Transactions on Communications 6 (3), pp. 478 – 485
157. Scheduling Strategy for Realistic Implementation of Video on Demand over IPTV System, L. Chang, M. Liao, J. Liaw, 2007 WSEAS International Conference on Computer Engineering and Applications, Gold Coast, Australia, January 17 – 19, 2007
158. Optimization of VoD Streaming Scheduling for IPTV Multi-channel Support, L. Chang, M. Liao, Y. Huang, Y. Lo, Frontiers of High Performance Computing and Networking ISPA 2007 Workshops ISPA 2007 International Workshops SSDSN, UPWN, WISH, SGC, ParDMCom, HiPCoMB, and IST-AWSN Niagara Falls, Canada, August 28-September 1, 2007, pp. 295 - 304
159. Can VoD streaming service co-exist with other services on a VM-based virtualized computing platform? Y Song, H Wang, Y Li, Y Sun, Y Zeng, 2007, Proceedings of the 2007 Asian technology information program's (ATIP's) 3rd workshop on High performance computing in China: solution approaches to impediments for high performance computing, pp. 95-103

160. Modeling QoS aware VoD systems with semiotic agents, Liu, K., Chan, M., 2007, Fourth International Conference on Information Technology and Applications, ICITA 2007, pp. 313-318
161. cco-exist with other services on a VM-based virtualized computing platform?, Song, Y., Wang, H., Li, Y., Sun, Y, Zeng, Y., CHINA HPC 2007: Proceedings of the Asian Technology Information Program's (ATIP's) 3rd Workshop on High Performance Computing in China - Solution Approaches to Impediments for High Performance 2007, pp. 95-103

33. "Using Multimedia to Support Reflection on Past Events for Young Children", C. Bouras, V. Kapoulas, A. Konidaris, M. Ramalho, A. Sevasti, W. Van de Velde, ED - MEDIA 2000, Montreal, Canada, June 26 - July 1, 2000, pp. 105 – 110

162. Communicative Language – Learning Environment Using Video Annotation System, Y. Hada, H. Ogata, Y. Yano, AI - ED2001(Workshop on CALL)
163. XML – Based Video Annotation System for Language Learning Environment, 2nd International Conference on Web Information Systems Engineering(WISE '01), Volume 1, December 2001, pp. 102 – 114
164. Supporting Online Video – Based Correction for Language Learning through Markup – Based Video Editing, Y. Hada, H. Ogata, Y. Yano, ED – MEDIA 2002, Denver, Colorado, USA, 24 – 29 June, 2002, pp. 678 – 682
165. Video Similarity, A. Malik, Msc Multimedia Information Systems, Brunel University, Department of Information Systems and Computing, 2002,
http://disc.brunel.ac.uk:8080/modres_uploads/CS5007B/ci01amm.pdf
166. Video-Based Language Learning Environment Using an Online Video-Editing System, Yoshiaki Hada, Hiroaki Ogata, Yoneo Yano, Computer Assisted Language Learning, Volume 15, Number 4 / October 2002, pp. 387 – 408
167. What would children unable to attend school learn from constructing OZ TALES, MF Ramalho, Proc. of EUROLOGO2003

34. "Citizen information services using Internet technologies", C. Bouras, S. Kastaniotis, V. Triantafilou, 8th European Conference on Information Systems, (ECIS 2000), Vienna, Austria, 3 - 5 July 2000, Vol. 1, pp. 1123 - 1130

168. Citizen Relationship Management, A. Meier, [diuf.unifr.ch/is/seminars/e-government_WS03-04/ files/CitizenRelMgtHMDOrig.pdf](http://diuf.unifr.ch/is/seminars/e-government_WS03-04/files/CitizenRelMgtHMDOrig.pdf)
169. Adoption of e - government in three Latin American countries: Argentina, Brazil and Mexico, Lau, T.Y., Aboulhosen, M., Lin, C., Atkin, D.J., Telecommunications Policy, Volume 32, Issue 2, March 2008, pp. 88 - 100

35. "Network - Based Distributed Learning Environment", Ch Bouras, A. Gkamas, Th. Tsiatsos, **WebNet Journal: Internet, Technologies, Applications & Issues, July - September 2000 Vol. 2, No. 3, pp. 29-37 AACE**

170. A New Face for GCP: A Proposed Redesign of the Global Classroom Project Web Interface, Jennie Brown, Meghna Krishnan, Jeanie Miskelly, April 24, 2003, LCC 6310, Spring 2003, <http://www.xyz.net/~one/jeanie/resume/projects/GCPRedesign.pdf>

36. "Internet Protocols for Synchronous Distance Learning", Ch. Bouras, A. Gkamas, Th. Tsiatsos, **3rd International Workshop on Network-Based Information Systems-NBIS'2000, Greenwich, UK, September 4-8, 2000, pp. 46-50.**

171. Αξιοποίηση Περιβαλλόντων Σύγχρονης Τηλεκπαίδευσης για τη Διδασκαλία και τη Μάθηση στην Ανώτατη Εκπαίδευση Χαράλαμπος Μουζάκης, Παντελής Μπαλαούρας, Ιωάννης Ρουσσάκης, Δημήτριος Ματθαίου, 4ο Συνέδριο ΕΤΠΕ, 29/09 – 03/10/2004, Παν/μιο Αθηνών

172. Διδασκαλία του Τρίτου Νόμου του Νεύτωνα με Χρήση του Προγράμματος Σύγχρονης Τηλεκπαίδευσης Centra. Σύγκριση με την Αντίστοιχη Παραδοσιακή Μέθοδο Διδασκαλίας, Αναστάσιος Αναγνωστόπουλος, Μ.Π.Σ. « Νέες Τεχνολογίες και Ερευνά στη Διδακτική της Φυσικής», Πανεπιστήμιο Ιωαννίνων, Σχολή Θετικών Επιστημών, Τμήμα Φυσικής

173. Η χρήση του προγράμματος Centra για σύγχρονη εξ αποστάσεως διδασκαλία του τρίτου νόμου του Νεύτωνα, Αν. Αναγνωστόπουλος, Λ. Περιβολαρόπουλος, Κ. Θ. Κώτσης, ΔΙΔΑΚΤΙΚΗ ΦΥΣΙΚΩΝ ΕΠΙΣΤΗΜΩΝ ΚΑΙ ΝΕΕΣ ΤΕΧΝΟΛΟΓΙΕΣ ΣΤΗΝ ΕΚΠΑΙΔΕΥΣΗ, ΠΡΑΚΤΙΚΑ 5ου ΠΑΝΕΛΛΗΝΙΟΥ ΣΥΝΕΔΡΙΟΥ, ΤΕΥΧΟΣ Γ'.

174. MULTIFACTORIAL OPTIMIZATION SYSTEM AND METHOD, Hoffberg, Steven M. (West Harrison, NY, US), United States Patent 20070087756, Application Number 11/467931, Publication Date: 04/19/2007

37. "Distributed Virtual Learning Environment: A Web - Based Approach", C. Bouras, A. Filopoulos, **EUROMICRO WORKSHOP on Multimedia and Telecommunications, Vol. 2, Maastricht, Netherlands, September 4 - 7, 2000, pp. 50 - 55**

175. Searching for WISDeM, the Holy Grail of Intelligent Distance Education, W.A. Janvier, Claude Ghaoui, 5th Human Centred Technology Postgraduate Workshop, September 26 – 27, 2001

176. <http://www.soe.ecu.edu/vr/other.htm>

177. A Framework of Mobile Agent-based Virtual Laboratories, Msc, www.iecs.fcu.edu.tw/topic/ 碩士論文格式 英文論文範例 doc

178. An open framework for prototyping the delivery of multimedia-rich virtual learning experiences through the Internet, Stavroula Zoi, John Melas, Panagiotis Kalliaras, and Nikolas Mitrou, WSCG 2003, The Journal of WSCG Vol. 11. No 1-3, ISSN 1213-6972
179. Learning, Collaboration and Pseudo – Anonymity in an Online Isometric Environment, A. Eyal, R. Eksteen, Department of Computer Science, University of Cape Town, CVC Laboratory
180. Network Virtual Environment, DLOVE (Distance Learning System On Distributed Object - oriented Virtual Environment), http://snoopy.korea.ac.kr/200210/project_NVE_dlove.htm
181. Virtual laboratories using interactive 3 – D simulations for remote sensing education, P. Bhatt, M. Aten, P. Lawhead, http://geoworkforce.olemiss.edu/student%20papers/Pari_Virtual_Lab_paper.pdf
182. Key Technique of VRML on Web – based Distance Learning, Computer Engineering and Applications, 2004, Vol. 40, No. 26, pp. 109 – 111
183. Smart ProFlexLearn: An Intuitive Approach to Virtual, C Ghaoui, WA Janvier, Book: E-Education Applications: Human Factors and Innovative Approaches
184. Concept and application of three dimension virtual study technology for academic e - learning, Xinyu, D., Baoqing, G., Pin, J. International Conference on Computer Science and Information Technology, ICCSIT 2008, 2008, pp. 741 – 744
185. Constructive theory foundation and three dimension virtual study mode application, Duan, X., Chen, W., Journal of Software, Volume 7, Issue 1, 2012, pp 75-80
- 38. "An efficient algorithm to improve handoff in mobility for IPv6 protocol", C. Bouras, Y. Siahos, P. Spirakis, 8th International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2000), Split, Rijeka, Dubrovnik (Croatia), Trieste, Venice (Italy), October 11 - 14, 2000, Vol. 1, pp. 505 – 511**
186. An Adaptive Initiative Predictive Handoff Mechanism for Mobile IPv6, O. Yingfeng, L. Renfa, X. Shunhui, Journal of Computer Research and Development, 2005, Vol. 42, No. 10, pp 1712 – 1717
- 39. "A Networked Intelligent Distributed Virtual Training Environment: A first Approach, Bouras, Ch., Philopoulos, A., and Tsiatsos, Th. International Workshop on Intelligent Multimedia Computing and Networking (IMMCN 2000, a constituent of JCIS 2000), 2000**
187. External Interaction Management of VRML Scenes for E-Learning Applications, José M. Cubero, Luis Salgado, Jesús Bescós, Francisco

Morán and Julián Cabrera:, LET-Web3D'04, Udine (Italy), September 2004 pp. 47-52

188.Smart Virtual Counterparts for Learning Communities, Mohan Baruwa, Chhetri Shonali Krishnaswamy, Seng Wai Loke, Web Information Systems – WISE 2004 Workshops: WISE 2004 International Workshops, Brisbane, Australia, November 22-24, 2004, pp. 125–134

189.Efficient Architecture for Low-Cost Adaptive 3D Graphics-Based E-Learning Application, Luis Salgado , Jesús Bescós , Francisco Morán , Julián Cabrera , Enrique Estalayo and José Cubero <http://www.gti.ssr.upm.es/~fmb/pub/effArch43DGFXeLearnApps.pdf.gz>

190.Study on Data Collaboration Service for Collaborative Virtual Geographic Environment, J. Zhu, J. Gong, H. Qi, T. Song, 16th International Conference on Artificial Reality and Telexistence, ICAT 2006, Hangzhou, China, November 29 - December 1, 2006, pp. 344v-v353

40. "Streaming multimedia data with adaptive QoS characteristics", Ch. Bouras, A. Gkamas, Protocols for Multimedia Systems, 2000, Cracow, Poland, October 22-25 2000, pp. 129-139.

191.Überwachung der Ausgabequalität in einer, Videodatenbank Technische Universität Ilmenau, Institut für Praktische Informatik und Medieninformatik, Fachgebiet Datenbanken und Informationssysteme Betreuer: Prof. Dr.Ing., habil. KaiUwe, Sattler (<http://mordor.prakinf.tu-ilmeneau.de/papers/dbis/Diplomarbeiten/Gulich05.pdf>)

192.Survey of Content Based Access To Surveillance Video Arvind Karunanidhi, David Doermann, Laboratory for Language and Media Processing, University of Maryland, College Park, 2002, <http://www.cfar.umd.edu/~arvind/vidsurvey.htm>

193.Active Management to New Generation QoS-enabled Internet, Miguel F. de Castro, Abdallah M'hamed, and Dominique Gaïti INTERNATIONAL TELECOMMUNICATIONS SYMPOSIUM – ITS2002, NATAL, BRAZIL

194.Adaptive streaming on heterogeneous networks, Bernaschi, M., Cacace, F., Clementelli, R., Vollero, L., WMuNeP'05 - Proceedings of the First ACM International Workshop on Wireless Multimedia Networking and Performance Modeling, 2005, pp 16 – 23

195.System and method of network adaptive real-time multimedia streaming, Sang-Jo Lee, Sang-Wook Kim, Doh-Hyung Kim, United States Patent, Patent No.: US 7,295,520 B2, Nov. 13,2007

196.Lampl O., Böszörmenyi L., Towards Adaptive Quality-Aware Programming with Declarative QoS Constraints, Klagenfurt: Technical Reports of the Dept. of Information Technology 2008 (TR/ITEC/11/2.08), pp 18

197. Adaptive quality-aware programming with declarative qos constraints, Lampl, O., Böszormenyi, L., Proceedings of the IASTED International Conference on Internet and Multimedia Systems and Applications and Visual Communications 2008, pp 45-50

41. "Using Multi-user Distributed Virtual Environments in Education", World Conference of the WWW, Internet and Intranet- WebNet 2000, San Antonio, Texas, USA, C. Bouras, A. Philopoulos, T. Tsiatsos, 30 October - 4 November 2000, pp. 56 - 62.

198. ADVICE – Um Ambiente Virtual Colaborativo para o Ensino a Distância, S. RODRIGUES,

42. "pLVE: Suitable Network Protocol Supporting Multi-User Virtual Environments in Education", C. Bouras, Th. Tsiatsos, International Conference on Information and Communication Technologies for Education (ED - ICT 2000), Vienna, Austria, December 6 - 9, 2000, pp. 73 – 81

199. A Collaborative Multi-Agent Virtual Environment Proposal for the Construction and Simulation of Electrical Circuits : e-experimentation, Leandro Balladares Ocaña, Ernesto Germán Soto, Miguel Contreras Montoya Intelligent Computing in the Petroleum Industry (Workshop ICPI), Associated with XI International Conference on Computing – CIC 2002

200. A Multi-User Virtual Environment System with Extensible Animations, Yi-Lin Liu, Tsai-Yen Li, 8th International Symposium on Web3D Technologies, 9 - 12 March 2003 Saint Malo, France, pp. 129 – 134

201. IMNET: An Experimental Testbed for Extensible Multi-user Virtual Environment Systems, Tsai – Yen Li, Mao – Yung Liao, Pai – Cheng Tao, Computational Science and Its Applications – ICCSA 2005: International Conference, Singapore, May 9-12, 2005, Proceedings, Part I, pp. 957–966

202. Ευφρείς Πράκτορες σε Εικονικά Περιβάλλοντα Μάθησης, Κων/νος Γιωτόπουλος, Διδακτορική Διατριβή, Παν/μιο Πατρών, Τμήμα Μηχ. Η/Υ και Πληροφορικής 2006

203. Self-tuning multi-representing e-learning system (SMES) by decision maker intelligent agent (DMIA) for increasing training effectiveness, MH Nadimi, Proceedings of the 4th WSEAS International Conference on Artificial Intelligence, Knowledge Engineering Data Bases

43. "Efficient Web-Based Open and Distance Learning Services", C. Bouras, P. Destounis, J. Garofalakis, A. Gkamas, G. Sakalis, B. Sakopoulos, J. Tsaknakis, Th. Tsiatsos, Journal of Telematics and Informatics, Elsevier Science, Vol. 17, Issue 3(2000), pp. 213-237

204. Design of an Open and Distance Learning Framework Focused on Knowledge Management, P. Amann, e – Everything:e – Commerce, e – Government, e – Household, e- Democracy, 14th Bled Electronic Commerce Conference, Bled, Slovenia, June 25 – 26, 2001, pp. 96 – 116
205. Design of an Open and Distance Learning Framework Focused on Knowledge Management Philipp Amann, Gerald Quirchmayr, 14th Bled eCommerce Conference "eGlobal" Conference Proceedings, June 25-26, 2001
206. Web – multicast chat system for collaborative learning, M. A. Ngadi, B. S. Doherty, IADIS International Conference e – SOCIETY, Lisbon, Portugal, June 3 - 6, pp. 274 – 280
207. Estrategias para o Design Instrucional de Cursos pela Internet: Um Estudo de Caso, Marco Antonio Pinheiro, M.Sc. Dissertation, 2002
208. Virtual Learning Institution: A Distributed Model for Networked Open Learning for the Purposes of Lifelong Learning, Theodoros Kargidis, Demosthenes Stamatis, and Athanasios Manitsaris, Journal of Information Technology Impact (JITI), Volume 3, Issue 1, 2003, pp. 11 – 24
209. Experimental Issues in Web-Based Distance Learning for Enabling an E-Learning Infrastructure, Marc Bui, Erika Mata, Christophe Lecerf, International Conference On Advances In Infrastructure For Electronic Business, Education, Science, Medicine, and Mobile Technologies On The Internet, SSGRR-2003s, L'Aquila, Italy, July 28 - August 3, 2003
210. The Need of Structured Methodologies in New Learning Strategies, Ipsilandis, P., Soutsas, K., Andreopoulou, Z., Proceedings - International Conference on Education and Information Systems: Technologies and Applications, Orlando Florida, July 31 β August 2, 2003
211. Distance Learning in Higher Education and Perspectives in Greece, Soutsas, K., Andreopoulou, Z., Ipsilandis, P., Proceedings - International Conference on Education and Information Systems: Technologies and Applications, Orlando Florida, July 31 - August 2, 2003
212. Εκπαιδευτικό Περιβάλλον Ασύγχρονης και Σύγχρονης Επικοινωνίας με χρήση Τηλεδιάσκεψης, στα πλαίσια της Ανοικτής και Εξ Αποστάσεως Εκπαίδευσης, Αντρη Δημητρίου, Μπενιάτα Ελένη, Υποβλήθηκε στα πλαίσια του μαθήματος Ανοικτή και Ευέλικτη, Εξ Αποστάσεως Εκπαίδευση Φεβρουάριος, 2003, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης
213. Ανοικτή και εξ Αποστάσεως Εκπαίδευση, Α. Καρούλης, Μάθημα του ΠΜΣ στις Επιστήμες της Αγωγής, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης
214. Contextual Factors associated with Management Information Systems in a Virtual Organization, Albert H S Scott, Joseph Mula, BAI 2004 (International Workshop on Business and Information)

215. Developing web – based Java applets for on – line learning of geometric tools, You X. L., Advances in e – Engineering and Digital Enterprise Technology, 2004, pp. 601 – 610
216. Metadata Driven Multimedia Transcoding, M. Almaoui, Msc. Thesis, University of Toronto, 2005
217. The e-learning dome: a comprehensive e-learning environment development model, Magdalena Maria Maneschijn, University of South Africa, 2005.
218. Web based learning: an empirical analysis, A. Gunasekaran, E. Ngai, International Journal of Information and Operations Management Education, Vol. 1, No. 4, 2006, pp. 407 – 429
219. Guidelines in Selecting an E-Learning Development Model. Alta van der Merwe, Daleen Maneschijn. IADIS International Conference Applied Computing 2006, San Sebastian, Spain, 25-28 February 2006.
220. Switching mode power supply e – learning toolbox, A. Moreno – Munoz, V. Pallares, J. Luna, J. Flores, EPE 2003, ISBN: 90 – 75815 – 07 7
221. Metadata-driven multimedia transcoding for distance learning, Almaoui, M., Kushki, A., Plataniotis, K.N., 2007, Multimedia Systems 12 (6), pp. 505 – 520
222. GAME THEORETIC PRIORITIZATION SCHEME FOR MOBILE AD HOC NETWORKS PERMITTING HIERARCHAL DEFERENCE, HOFFBERG, Steven, Patent WO/2006/029297 (<http://www.wipo.int/pctdb/en/wo.jsp?wo=2006029297&IA=WO2006029297&DISPLAY=STATUS>)
223. E-learning in the internet supporting quality of life and environment within sustainability in the EU, Koutroumanidis, T., Andreopoulou, Z.S., Journal of Environmental Protection and Ecology, Volume 10, Issue 4, 2009, pp 1227-1242
224. Multimedia requirements of software for computer supported cooperative learning, Martinovic, G., Salai, M., Technics Technologies Education Management, Volume 6, Issue 4, 2011, pp 1289-1300

44. "Web Components: A concept for improving personalization and reducing user perceived latency on the World Wide Web", C. Bouras, A. Konidaris, 2nd International Conference on Internet Computing (IC 2001), Las Vegas, Nevada, USA, June 25 - 28, 2001, Vol.2, pp. 238 – 244

225. A Non – interfering Deployable Web Prefetching System, R. Kokku, P. Yalagandula, A. Venkataramani, M. Dahlin, 4th USENIX Symposium on Internet Technologies and Systems (USITS 2003), March 2003, Seattle WA, USA
226. Mechanisms and Algorithms for Aggressive Replication Systems, Arun Venkataramani, Dissertation Proposal, University of Texas at Austin, Department of Computer Sciences, December 2003

227. Intelligent Web Site: Understanding the Visitor Behavior, J Velasquez, P Estevez, H Yasuda, T Aoki, E Vera, Knowledge-Based Intelligent Information and Engineering Systems: 8th International Conference, KES 2004, Wellington, New Zealand, September 20-25, 2004, Proceedings, Part I, pp. 140 – 147
228. An intelligent web portal system for web information region integration, Ho J., Tsai C., Liang T., Yang C., IEEE International Conference on Systems, Man and Cybernetics, 4, pp. 3878 - 3883
229. An intelligent web portal system for web information integration, Ho J., Tsai C., Liang T., Yang C., Journal of Internet Technology, Vol. 7, Issue 1, January 2006, pp. 119 – 128
230. A Web-page Fragmentation Algorithm for Constructing Personalized Portal, Sun Jian, Li Junhuai, Zhang Jing, Computer Engineering and Applications, 2006
231. Adaptive Web Sites A Knowledge Extraction from Web Data Approach, Juan D. Velásquez, Vasile Palade, Proceedings of the 2008 conference on Adaptive Web Sites: A Knowledge Extraction from Web Data Approach, ISBN: 978-1-58603-831-1

45. "An Electronic Polling Service to support Public Awareness using Web Technologies", Proceedings 9th European Conference on Information Systems- ECIS 2001, Bled, Slovenia , Vol. 2, C. Bouras, N. Katris, V. Triantafillou, 27 - 29 June 2001, pp. 935 - 946

232. Technology as a Tool for Citizen Participation in Community Development and Tourism: The Rebuilding of Lower Manhattan, Information and Communication Technologies in Tourism 2005, pp. 102-113

46. "Aspects of Collaborative Learning Environment using Distributed Virtual Environments", Bouras C., Triantafillou V., Tsiatsos T. In Proceedings of ED-MEDIA 2001 (Tampere, Finland, Jun 2001), pp. 173-178

233. A Web-Based Multimedia Virtual Reality Environment for E-Learning, Gavin McArdle, Teresa Monahan, Michela Bertolotto, Eleni Mangina, Eurographics 2004 - the annual conference of the European Association for Computer Graphics, Grenoble (France), August 30 - September 3, 2004
234. Ένα Συνεργατικό Εικονικό Περιβάλλον για Τηλε – Διδασκαλία Ηλεκτρονικού Εμπορίου, Α. Μιχαηλίδου, Α. Οικονομίδης, Θέματα στην Εκπαίδευση, Τόμος 5, Τεύχος 1 – 2, σελ. 101 – 132, 2004
235. Collaborative Virtual Environments in education, Maurice Liebrecht 2nd Twente Student Conference on IT, Enschede 21 January, 2005 Copyright 2005, University of Twente, Faculty of Electrical Engineering, Mathematics and Computer Science, http://wwwhome.cs.utwente.nl/~referaat/documents/2005_02_C-

Intelligent_Interaction/2005_02_C_Liebregt,%20M.-
Collaborative_Virtual_Environments_in_education.pdf

236. Conceptual Agent Models for a Virtual Reality and Multimedia E – Learning Environment, G. McArdle, T. Monahan, M. Bertolotto, E. Mangina, Web – based Education – WBE 2005, Grindelwald, Switzerland, February 21 – 23, 2005
237. Analysis and Design of Conceptual Agent Models for a Virtual Reality E-Learning Environment, G. McArdle, T. Monahan, M. Bertolotto, E. Mangina, Advanced Technology for Learning, Issue 3, 2005
238. Quality of service considerations in collaborative learning environments, Quintero, A., Pierre, S., Tassy, MSAN '05., 2005 1st International Conference on Multimedia Services Access Networks, 2005 . MSAN '05., 2005, 13 - 15 June 2005, pp. 35 – 39
239. 3D User Interfaces and Multimedia in E-Learning. Monahan, T., McArdle, G., Bertolotto, M. & Mangina, E. Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2005 (pp. 4306-4313).
240. A collaborative learning environment architecture supporting quality of service, A. Quintero, S. Pierre, D. Tassy, Advanced Technology for Learning, Vol. 3, Issue 1, January 2006, pp. 1 – 8
241. 3D Collaborative virtual environments for e – learning and m – learning, G. McArdle, T. Monahan, M. Bertolotto, 5th International Conference on Web – based education, 2006, pp. 1 – 6
242. Quality of Service and Collaboration Aspects in a Distributed E-Laboratory Environment. Pierre, S., Quintero, A., Tassy, D. E-Learning Networked Environments and Architectures. Advanced Information and Knowledge Processing 2007. Springer London 978-1-84628-758-9, DOI - 10. 1007/978-1-84628-758-9_11.
243. Virtual Reality for Collaborative e – Learning, T. Monahan, G. McArdle, M. Bertolotto, Journal of Computers and Education, Elsevier Science, Vol. 50, Issue 4, 2008, pp. 1339 – 1353
244. WEB-BASED COMMUNITIES IN E-LEARNING, Gavin McArdle, Teresa Monahan and Michela Bertolotto, In Proceedings of the THIRD INTERNATIONAL CONFERENCE ON WEB INFORMATION SYSTEMS AND TECHNOLOGIES (WEBIST 2007), Volume 3 (SeBeGeL - Society, e-Business and e-Government / e-Learning), BARCELONA, SPAIN MARCH 3-6, 2007, pp. 265-272
245. Dynamic Data Path Prediction in Network Virtual Environment, S Song, S Jeong, G Hur, S Ra, Lecture Notes in Computer Science Volume 4488/2007 Computational Science – ICCS 2007, pp. 150-153
246. Using Multimedia and Virtual Reality for Web-Based Collaborative Learning on Multiple Platforms, Gavin McArdle, Teresa Monahan, Michela Bertolotto, Multimedia Technologies: Concepts, Methodologies, Tools, and Applications, 2008

247. Exploring the use of 3D collaborative interfaces for e-learning, McArdle, G., *Studies in Computational Intelligence* Volume 217, 2009, pp 249-270
248. Second Life and Project-Based e-Portfolios. J. M. Haefner. 25th Annual Conference on Distance Teaching & Learning. Madison, Wisconsin. 2009.
249. Assessing the application of three-dimensional collaborative technologies within an e-learning environment. McArdle, G. & Bertolotto, M. *Interactive Learning Environments*, 2010, doi: 10.1080/10494821003714749.
- 47. "e - Learning through Distributed Virtual Environments", C. Bouras, A. Philopoulos, Th. Tsiatsos, *Journal of Network and Computer Applications*, Academic Press, Vol. 24, No. 3, July 2001, pp. 175 - 199**
250. A Web-based 3D War-Gaming Simulation built on HLA Distributed Architecture, Tainchi Lu, Long-Sheng Li, Yen-Wen Lin, Guanchi Wu, *Journal of Internet Technology*, Vol. 3, No. 4, pp. 245-251, Oct. 2002
251. The War – Gaming training System Based on HLA Distributed Architecture, Tainchi Lu, Guanchi Wu, *International Conference on Computers in Education (ICCE' 02)*, December 2002, pp. 889 – 893
252. Administering a Web – Based Course on Database Technology, L. Oliveira, M. Cortimiglia, *Online Journal of Distance Learning Administration* Winter 2003, Volume 6, Number 4, www.westga.edu/~distance/ojdla/winter64/oliveira64.htm
253. Education practice and analysing behaviour of students in a Web – based learning environment: an exploratory study from China, Liu Y, Lin FZ, Wang X, *Online Information Review*, 27(2), 2003, pp. 110 – 119
254. A Virtual Environment for Collaborative Distance Learning With Video Synchronization, S. Gupta, G. Kaiser, *International Conference on Computers and Advanced Technology in Education*, <http://www.cs.columbia.edu/~library/TR-repository/reports/reports-2004/cucs-008-04.pdf>.
255. MPEG – 4 based interactive 3D visualization for web – based learning, Q. Zhang, JY. Shi, *Advances in Web – Based Learning – ICWL 2004*, pp. 176 – 183, 2004
256. Can avatars replace the trainer? A case study evaluation, Mahmood A. K., Ferneley E., 6th *International Conference on Enterprise Information Systems*, 2004, pp. 208 – 213
257. P2P Video Synchronization in a Collaborative Virtual Environment, S Gupta, G Kaiser, *ICWL 2005*: 86-98
258. E-learning Content Development Topic Priorities Consultation for SCIE, Julia Waldman, Tom Hopkins and Jackie Rafferty, March 2005

259. A survey of current state – of – the art support for lifelong learning, H. Graven, L. MacKinnon, ITHET 2005, pp. F2C – 19 – F2C – 25
260. Towards a model for e-learning using web services and fuzzy logic, Younas, I., Makki, M.A., Proceedings of the 2005 International Conference on Human-Computer Interaction, HCI'05, pp 3-9
261. Modelling and Programming VR applications: An ICT undergraduate course, G. Albeanu, 1st International Conference on Virtual Learning, ICVL 2006, pp. 83 – 90
262. M – Learning Management Tool Development in Campus – Wide Environment, A. Amin, A. Mahmud, A. Abidin, M. Rahman, Issues in Informing Sciences and Information Technology, Vol. 3, 2006
263. MOPCVE: A New CVE Prototype Running on Mobile Phone, Wenhong Li, Jianhua Gong, Daojun Wang, Mingxiang Huang, 16th International Conference on Artificial Reality and Telexistence--Workshops (ICAT'06), pp. 131-136
264. The Development of an Online Virtual English Classroom: VEC3D. Ya-Chun Shih, Yong-Yuan Lin and Mau-Tsuen Yang. Journal of Information Technology and Applications, Vol. 2, No. 2, pp. 61-68, 2007.
265. Integration of Internet and web – based tools in new product development process, G. Buyukozkan, A. Baykasolu, T. Dereli, Production Planning and Control, Vol. 18, Issue 1, January 2007, pp. 44 – 53
266. Construction of a knowledge center for medical image processing, Ding, H., Wang, G., Hong, B., Zhou, Y., Yang, Z., Meng, M., Gao, S., 2005, Annual International Conference of the IEEE Engineering in Medicine and Biology - Proceedings 7 VOLS, art. no. 1616347, pp. 82-85
267. A Model Driven Architecture and Toolset for Building Immersive Software Engineering Teaching tools, R Cooper, L Zhao, C Wang 2007, Proceedings of the 6th Conference on E-Learning 2007: ECEL pp 129-138,
268. A Desktop Virtual Reality Earth Motion System in Astronomy Education, C. Chen, J. Yang, S. Shen, M. Jeng, Educational Technology & Society, 10(3), 2007, pp. 289 – 304
269. Mobile oriented collaborative virtual geographic studio, Li, W., Gong, J., Zhang, L., Zhou, J., Geomatics and Information Science of Wuhan University, Volume 32, Issue 9, 5 September 2007, pp 817 – 820
270. Advanced Technologies for Life-Long Learning: Special Issue Educational Technology & Society, 10(3), 1-134. Available online at: <http://www.ifets.info/>
271. Using Multimedia and Virtual Reality for Web-Based Collaborative Learning on Multiple Platforms, Gavin McArdle; Teresa Monahan; Michela Bertolotto, Ubiquitous and Pervasive Knowledge and Learning Management: Semantics, Social Networking and New Media to Their Full Potential, pp 118-157

272. Networked Collaborative Virtual Geographic Environments: Design and Implementation, Jianhua GONG, Wenhong LI, Yabing LI, Mingxiang HUANG, 2008.. An International Conference on Developments in Visualization and Virtual Environments in Geographic Information Science, 7-8 January 2008, CUHK, HK.
273. Service-Oriented Architecture in Higher Education M Kantola, J Kettunen, 2008, Encyclopedia of Information Technology Curriculum Integration, pp.751-762
274. A Collaborative Virtual Environment for Situated Language Learning Using VEC3D, Shih, Y.-C., & Yang, M.-T. 2008, Educational Technology & Society, 11 (1), 56-68.
275. Virtual Reality for Collaborative e – Learning, T. Monahan, G. McArdie, M. Bertolotto, Journal of Computers and Education, Elsevier Science, Vol. 50, Issue 4, 2008, pp. 1339 – 1353
276. Development of an e-learning system for manufacturing technology education, Chi-Chia Liu, Min Jou, Han-Chiang Lee, International Journal of Knowledge and Learning, Volume 4, Number 4 / 2008, pp 370 - 382
277. Electronic Joint Application System in Higher Education, Kantola Mauri, Hautala Jouni and Kettunen Juha. International Journal of e-Business Management, Vol. 2, No. 1, May 2008: doi: 10.3316/IJEBM0201039.
278. The significance of multimedia didactic aids in the informative society., L. A. Dobrzański, R. Honysz. Archives of Materials Science, International OCSCO World Press, Volume 32 Issue 2 August 2008, pp. 117-120.
279. Exploring the use of 3D collaborative interfaces for e-learning, McArdle, G., Studies in Computational Intelligence Volume 217, 2009, pp 249-270
280. E-learning in the internet supporting quality of life and environment within sustainability in the EU, Koutroumanidis, T., Andreopoulou, Z.S., Journal of Environmental Protection and Ecology, Volume 10, Issue 4, 2009, pp 1227-1242
281. Exploring Students' Reactions to Virtual Worlds. Roberto A. Munoz Rosario, George R. Widmeyery, Starr Roxanne Hiltzz, Maria M. Plumme. Proceedings of the Fifteenth Americas Conference on Information Systems, San Francisco, California August 6th-9th 2009.
282. A new virtual reality environment used for e-Learning. Zhenbo Li, Jun Yue, Jauregui, D. A. G. IEEE International Symposium on IT in Medicine & Education, 2009. ITIME '09, 14-16 Aug. 2009, pp. 445-449.
283. Web engineering at the frontier of the web 2.0: Design patterns for online 3d shared spaces, Di Blas, N., Garzotto, F., Poggi, C., World Wide Web, Volume 12, Issue 4, October 2009, pp 345-379
284. Integrating video-capture virtual reality technology into a physically interactive learning environment for English learning, Yang, J.C., Chen,

- C.H., Chang Jeng, M., Computers and Education, Volume 55, Issue 3, 2010, pp 1346-1356
285. Development of a Sensor Network System for Industrial Technology Education, Chi-Chia Liu, Din-Wu Wu, Min Jou and Sheng-Jia Tsai Knowledge Management, Information Systems, E-Learning, and Sustainability Research, Communications in Computer and Information Science, 2010, Volume 111, 369-374, DOI: 10.1007/978-3-642-16318-0_43.
286. 3D Collaborative Virtual Environment based e-learning system, Qingping Lin, Liang Zhang, Sun Ding, Weihua Wang, Ker Neo, Robert Gay, International Journal of Applied Systemic Studies, Volume 3, Number 2 / 2010, pp 211 – 226
287. [Affective e-Learning System: Analysis of Learners State](#), G. Caridakis, P. Tzouveli, L. Malatesta, A. Raouzaïou, K. Karpouzis, S. Kollias, 2010, IGI Global
288. The Application of Virtual Reality in E-Learning, Fengming Yang, Wenjuan Wu, 2010 International Conference on E-Business and E-Government, pp.5548-5551
289. Web-based 3D visualization and interaction of medical data using Web3D, Settapat, S., Achalakul, T., Ohkura, M., Proceedings of the SICE Annual Conference 2010, Article number 5602838, pp 2986-2991
290. Design of an E-learning based on Service Software Bus, Chen, S., Pen, M., Advanced Materials Research, Volume 267, 2011, pp 879-883
291. Application of semantic approaches and interactive virtual technology to improve teaching effectiveness, Min Jou and Chi-Chia Liu, Interactive Learning Environments, DOI:10.1080/10494820.2010.509632
292. Empires of the Mind: Cross Cultural Cooperative Business Education, Keith Duncan, Simone Kelly, and Ray McNamara, World Journal of Social Sciences Vol. 1. No. 5. November 2011. pp.109-125
293. Web-based 3D medical image visualization framework for biomedical engineering education, Sittapong Settapat, Tiranee Achalakul, Michiko Ohkura, Computer Applications in Engineering Education, DOI: 10.1002/cae.20548
- 48. "Introducing Navigation Graphs as a technique for improving WWW user browsing", C. Bouras, A. Konidaris, E. Konidari, A. Sevasti, The Second International Conference on Web - Age Information Management (WAIM'01), Xi'an, China, July 9 - 11, 2001, pp. 249 – 256**
294. DIPLOMARBEIT. Fachbereich Informatik U NIVERSITÄT HAMBURG. Ontologiebasierte Suche und Navigation in webbasierten Informations systemen, Antony Norman Schmude, February 2004, http://swt1.informatik.uni-hamburg.de/publications/files/Dipl/Schmude_OntologiebasierteNavigation.pdf

49. "Architectures Supporting e - Learning Through Collaborative Virtual Environments: The Case of INVITE", C. Bouras, G. Hornig, V. Triantafillou, Th. Tsiatsos, IEEE International Conference on Advanced Learning Technologies (ICALT 2001), Madison, Wisconsin, USA, August 6 - 8, 2001, pp. 13 – 16

295. Integrated Environment for Web – based Experimentation in Engineering Education, A. Nguyen, Y. Pekik, D. Gillet, ED – MEDIA 2002, Denver, Colorado, USA, 24 – 29 June, 2002, pp. 1442 – 1447

296. Computer-facilitated Community Building for E - Learning, Panel Introduction, Anton Nijholt, 2nd IEEE International Conference on Advanced Learning Technologies, Kazan, Russia, September 9-12, 2002, pp. 541 – 544

297. Collaborative Question-Answering System for e-Learning, Thanachai Wongvibulsin Takashi Ishikawa, The 17th Annual Conference of the Japanese Society for Artificial Intelligence, 2003

298. Defining and Executing Practice Sessions in a Robotics Virtual Laboratory, L. Munoz-Gomez, M. Alencastre-Miranda, I. Rudomin, ENC 2003, Tlaxcala, Mexico, September 2003

299. Managing evolution and change in web – based teaching and learning environments, C. Pahl, Computers and Education, Vol. 40, Issue 2, February 2003, pp. 99 – 114

300. Representation of multimedia concepts and objects in a virtual education environment, International Multi – Conference on Applied Informatics, Vol. 21, 2003, pp. 321 – 326

301. An Exploration of Math in a Virtual World, Kerin L. McMullen, <http://idt.emporia.edu/graduateprojects/kerinmcmullen/kerinmcmullen.doc>.

302. Ένα Συνεργατικό Εικονικό Περιβάλλον για Τηλε – Διδασκαλία Ηλεκτρονικού Εμπορίου, Α. Μιχαηλίδου, Α. Οικονομίδης, Θέματα στην Εκπαίδευση, Τόμος 5, Τεύχος 1 – 2, σελ. 101 – 132, 2004

303. Reconsidering the avatar: From user mirror to interaction locus, KAI-MIKAEL JÄÄ-ARO. Doctoral Thesis Stockholm, Sweden 2004, [nada.kth.se - lib.kth.se](http://nada.kth.se-lib.kth.se)

304. CyberSession: A New Proposition for E-Learning in Collaborative Virtual Environments, Javad Sadeghi, Amir Aavani, Mohsen Sharifi, WSCG 2005 POSTERS proceedings, ISBN 80-903100-8-7, WSCG'2005, January 31-February 4, 2005, Plzen, Czech Republic, available at http://wscg.zcu.cz/wscg2005/Papers_2005/Poster/J03-full.pdf

305. Analysis and Design of Conceptual Agent Models for a Virtual Reality E-Learning Environment, G. McArdle, T. Monahan, M. Bertolotto, E. Mangina, Advanced Technology for Learning, Issue 3, 2005

306. Latency Reduction in Distributed Interactive applications Using Hybrid Strategy-Based models. Declan Delaney. PhD thesis, National University of Ireland, Maynoot, 2005.
307. CyberSession: A New Proposition for E-Learning in Collaborative Virtual Environments, Javad Sadeghi, Amir Aavani and Mohsen Sharifi, In proceedings of the 13-th International Conference in Central Europe on Computer Graphics, Visualization and Computer Vision (WSCG'2005), pp 57-58, Plzen, Czech Republic, January 31 - February 4, 2005
308. An E-Learning Environment Based on Authored Information. Simone C. dos Santos, André M. M. Neves, Luciano Meira. IADIS International Conference e-Commerce 2005, Porto, Portugal, 15-17 December 2005, pp. 395-399.
309. Remembrance of Things Past: Using Maps and Routes to Navigate through Virtual Environment Experiences, Verhulsdonck, G. Jeffery, C., HICSS '06, Proceedings of the 39th Annual Hawaii International Conference on System Sciences, 2006
310. On consistency and network latency in distributed interactive applications: A survey – Part I, D. Delaney, T. Ward, S. McLoone, Presence: Teleoperators and Virtual Environments, 15(2), 2006, pp. 218 – 234
311. Quality of Service and Collaboration Aspects in a Distributed E-Laboratory Environment. Pierre, S., Quintero, A., Tassy, D. E-Learning Networked Environments and Architectures. Advanced Information and Knowledge Processing 2007. Springer London 978-1-84628-758-9, DOI - 10.1007/978-1-84628-758-9_11.
312. The Development of an Online Virtual English Classroom: VEC3D. Ya-Chun Shih, Yong-Yuan Lin and Mau-Tsuen Yang. Journal of Information Technology and Applications, Vol. 2, No. 2, pp. 61-68, 2007.
313. A Collaborative Virtual Environment for Situated Language Learning Using VEC3D, Shih, Y.-C., & Yang, M.-T. 2008, Educational Technology & Society, 11 (1), 56-68.
314. Exploring the use of 3D collaborative interfaces for e-learning, McArdle, G., Studies in Computational Intelligence Volume 217, 2009, pp 249-270
315. Collaborative filtering adapted to recommender systems of e-learning. J. Bobadilla, F. Serradilla, A. Hernando and MovieLens. Knowledge-Based Systems, Volume 22, Issue 4, Artificial Intelligence (AI) in Blended Learning – (AI) in Blended Learning, May 2009, Pages 261-265, ISSN 0950-7051, DOI: 10.1016/j.knosys.2009.01.008
316. A new virtual reality environment used for e-learning, Li, Z., Yue, J., Jáuregui, D.A.G., ITME2009 - Proceedings 2009 IEEE International Symposium on IT in Medicine and Education 2009, Article number 5236382, pp 445-449

317. Intelligent pedagogical agents in immersive virtual learning environments: A review, Soliman, M., Guetl, C., MIPRO 2010 - 33rd International Convention on Information and Communication Technology, Electronics and Microelectronics, Proceedings, 2010, Article number 5533534, pp 827-832
318. Consistency aware dead reckoning threshold tuning with server assistance in client-server-based DVEs, Li, Y. , Cai, W. , Proceedings - 10th IEEE International Conference on Computer and Information Technology, CIT-2010, 7th IEEE International Conference on Embedded Software and Systems, ICES-2010, ScalCom-2010, Article number 5578496, pp 2925-2932
319. Suggested collaborative learning conceptual architecture and applications for mobile devices, Lee, K. , Razaque, A. , Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Volume 6769 LNCS, Issue PART 1, 2011, pp 611-620
320. Determining optimal update period for minimizing inconsistency in multi-server distributed virtual environments, Li, Y. , Cai, W. , Proceedings - IEEE International Symposium on Distributed Simulation and Real-Time Applications, 2011, Article number 6051789, pp 126-133
321. Architecture based prototypes for mobile collaborative learning (MCL) to improve pedagogical activities, Razaque, A. , Elleithy, K. , 2011 14th International Conference on Interactive Collaborative Learning, ICL 2011 - 11th International Conference Virtual University, VU'11, Article number 6059544, pp 32-41
- 50. "A Platform for Sharing Educational Virtual Environments", C. Bouras, D. Psaltoulis, C. Psaroudis, T. Tsiatsos, 9th International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2001), Split, Dubrovnik (Croatia), Ancona, Bari (Italy), October 9 - 12, 2001, Vol. 2, pp. 659 - 666**
322. Ευφυείς Πράκτορες σε Εικονικά Περιβάλλοντα Μάθησης, Κων/νος Γιωτόπουλος, Διδακτορική Διατριβή, Παν/μιο Πατρών, Τμήμα Μηχ. Η/Υ και Πληροφορικής 2006
- 51. "A Mechanism for Multicast Multimedia Data With Adaptive QoS Characteristics", Ch. Bouras, A. Gkamas, Protocols for Multimedia Systems 2001, October 17-19, 2001, Enschede, The Netherlands, pp. 74-88.**
323. Web Radio: Technology and Performance Paula Cortés Camino LITH-ISY-EX-3327-2002,
<http://www.icg.isy.liu.se/project/stb/docs/camino.pdf>
324. Adaptive streaming on heterogeneous networks Massimo Bernaschi National Research Council, Filippo Cacace, Raffaele Clementelli, Luca Vollero, Proceedings of the 1st ACM workshop on Wireless multimedia

networking and performance modelling, Montreal, Quebec, Canada, pp. 16-23, 2005

52. **"An Architecture for Redundant Multicast Transmission Supporting Adaptive QoS"**, C. Bouras, A. Gkamas, A. Karaliotas, K. Stamos, **Workshop on Multimedia Information Systems 2001, November 7-9, 2001, Capri, Italy, pp. 133-142.**

325. The User-Oriented Multimedia Presentation System with Provision of Dynamic QoS-aware control, National Pingtung University of Science and Technology, Taiwan

326. A Seamless Buffering and Transmission Control for MPEG Streaming, <http://www.mee.chu.edu.tw/labweb/2004CREDIT/paperdir%5CP0253.pdf>

53. **"STEPS: Supporting Traditional Education Procedures - A TCP/IP Multimedia Networks - Based Model"**, C. Bouras, P. Lampsas, P. Spirakis, **Multimedia Tools and Applications, Kluwer Academic Publishers, Vol. 16, No. 3, March 2002, pp. 251 – 276**

327. Architecture for Secure Distance Education through Virtual Learning, S Chaudhari, A Kavitha, SD Sudarsan, pp. 84 - 89 <http://elearn.cdac.in/elettechIndia05/PDF/18-Architecture%20for%20Secure%20Distance%20Education%20through%20Virtual%20Learning-Shashikanth%20Choudary-18.pdf>

54. **"SLA definition for the provision of an EF-based service"**, C. Bouras, M. Campanella, A. Sevasth, **16th International Workshop on Communications Quality & Reliability (CQR 2002), Okinawa, Japan, May 14-16 2002, pp. 17-21**

328. Qualidade de Servico: Definicao do Piloto, J. Monteiro, L. Sampaio, M. Figueredo, RNP, December 2002, <http://www.nuperc.unifacs.br/gtqos/arquivos/GTQoSp2.1v10.PDF>

329. A Study on SLA and QoS Specification in Policy-based Management Environments, G. Diaz, International Conference Computer Science and Technology – 2003, pp. 119 - 124

330. Providing Quality of Service Networking to High Performance GRID Applications, Miguel Rio, Javier Orellana, Andrea di Donato, Frank Saka, Ian Bridge, Peter Clarke, Networked Systems Centre of Excellence, University College London, UK, 2003

331. A two – component spot pricing framework for loss – rate guaranteed internet service contracts, A. Gupta, S. Kalyanaraman, L. Zhang, 2003 Winter Simulation Conference, pp. 372 – 380

332. Quality of Service Networking for High Performance Grid Applications, Miguel Rio, Andrea di Donato, Frank Saka, Nicola Pezzi, Richard Smith, Saleem Bhatti, Peter Clarke, Journal of Grid Computing, Volume 1, No. 4, 2003, pp. 329 – 343

333. Adaptive Measurement Based QoS Management in DiffServ Networks, C. Kulatunga, P. Malone, M. Foghlu, International Workshop on Inter-domain Performance and Simulation (IPS), Salzburg, Austria, 20 - 21 February, 2003 http://www.ist-intermon.org/workshop/papers/04_01_adaptive-qos.pdf.
334. Simulation for risk management: a two-component spot pricing framework for loss-rate guaranteed internet service contracts, A Gupta, L Zhang, S Kalyanaraman, 2003, Proceedings of the 35th conference on Winter simulation: driving innovation, pp. 372 - 380
335. Multidomain End to End IP QoS and SLA, N Simar, 2003, Quality of Service in Multiservice IP Networks: Second Edition pp.171-184
336. Multidomain End to End IP QoS and SLA, M Campanella, M Przybylski, R Roth, A Sevasti, N. Simar, 2003, Quality of Service in Multiservice IP Networks: Second International Workshop, QoS-IP 2003 Proceedings
337. Towards a Policy-Based Management for Ad Hoc Networks, Mouna Ayari, Farouk Kamoun, Davor Males, MEDHOC 2004, pp, 414 – 420, <http://www.ece.osu.edu/medhoc04/medhocnetfiles/papers/S10.5.pdf>.
338. A System-oriented Approach to Efficiency and Quality of Service for Internet Service Providers, O Heckmann - Dissertationsschrift, Technische Universität Darmstadt, 2004

55. “Desktop Synchronous Distance Learning Application Enhanced with Efficient Chair Control Capabilities”, C. Bouras, A. Gkamas, V. Kapoulas, K. Stamos, International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA 02), Monte Carlo Resort, Las Vegas, Nevada, USA , June 24 - 27 2002, volume III, pp. 1158-1164

339. A Multimedia Tool for Synchronous Distance E-Training of Employees in Geographically Dispersed Industries, J.C. Granda, D.F. Garcia, F.J. Suarez, I. Peteira, and C. Uria, Proceedings of Internet and Multimedia Systems and Applications, Innsbrck, Austria, 17-19 March
340. A tool for synchronous e-Learning in higher education (Herramienta para la teleenseñanza síncrona en educación superior), Candás, J.C.G. , Alonso, F.J.S. , Martínez, D.F.G., Revista Iberoamericana de Tecnologías del Aprendizaje, Volume 6, Issue 2, May 2011, pp 87-94

56. "An Educational Community Using Collaborative Virtual Environments", C. Bouras, D. Psaltoulis, C. Psaroudis, T. Tsiatsos, 1st International Conference on Web-based Learning, Hong Kong, China, August 17 – 19, 2002, pp. 180 – 191

341. E - learn: Towards a Collaborative Educational, Virtual Environment, Anna Michailidou, Anastasios A. Economides, Journal of Information Technology Education, Volume 2, 2003. pp. 131 – 152
342. Online Device Simulation Laboratory (ODSL). Vasileska D., Kaur S. 2nd European Conference on e-Learning. Glasgow Caledonian University Glasgow, Scotland 6-7 November 2003.

343. A Virtual Environment for Collaborative Distance Learning With Video Synchronization, S. Gupta, G. Kaiser, 7th IASTED International Conference on Computers and Applications 2004, <http://www.cs.columbia.edu/~library/TR-repository/reports/reports-2004/cucs-008-04.pdf>
344. Cooperative Learning in Self – organizing E – Learner Communities on a Multi – Agents Mechanism, F. Yang, P. Han, B. Kraemer, X. Fan, Australian Conference on Artificial Intelligence 2003, pp. 490-500, <http://www.fernuni-hagen.de/DVT/Mitarbeiter/yang/web-site/publications/AI2003-Cooperative%20Learning%20in%20Self-organizing%20E-Learner%20Communities%20Based%20on%20a%20Multi-Agents%20Mechanism.pdf>
345. Adaptivity in web and mobile learning services, .Kinshuk, Piet Kommers, Demetrios G. Sampson. Int. J. Cont. Engineering Education and Lifelong Learning, Vol. 14, Nos. 4/5, 2004 313, Copyright © 2004 Inderscience Enterprises Ltd
346. P2P Video Synchronization in a Collaborative Virtual Environment, S Gupta, G Kaiser, ICWL 2005, pp 86-98
347. Research and its implementation of a remote teaching application system model based on self-organization components, Shi, X.-P., Shen, J., Liang, W., Proceedings of the 1st International Workshop on Education Technology and Computer Science, ETCS 2009, Volume 2, 2009, Article number 4959075, pp 444-449
- 57. "Extending the Limits of CVE's to Support Collaborative e-Learning Scenarios", C. Bouras, T. Tsiatsos, 2nd IEEE International Conference on Advanced Learning Technologies, Kazan, Russia, September 9 – 12, 2002, pp. 420 – 424**
348. The added value of advanced learning technologies in education: reporting ICALT 2002, Piet Commers, International Journal of Cont. Engineering Education and Lifelong Learning, Vol. 13, Nos. ¾, 2003, pp. 413 – 425
349. Synchronous Small-Group Collaboration: Promoting Higher-Order Thinking in the Virtual Classroom Using Breakout Rooms. Jennifer Hofmann. Master Thesis. Fischler School of Education and Human Services. Nova Southeastern University 2007.
350. Cooperative Learning and ICT. Nicoletta Sala. Teaching in the Knowledge Society: New Skills and Instruments for Teachers, edited by Antonio Cartelli. DOI: 10. 4018/978-1-59140-953-3. ch013, 2006, pp. 187-204.
351. Assessing the needs of CSCL tool and its impacts in Malaysian context. Z. M. Kasirun, S. S. Salim. WSEAS Transactions on Computer Research, Volume 3, Issue 5 (May 2008), ISSN: 1991-8755, pp. 300-310, 2008.

58. "Building Educational Virtual Environments", C. Bouras, T. Tsiatsos, 2nd IEEE International Conference on Advanced Learning Technologies, Kazan, Russia, September 9 – 12, 2002, pp. 547 – 548

352.A Hypermedia Virtual Environment for Educational in Medicine, A. Manitsaris, K. Dimitropoulos, I. Mavridis,, Journal of Information Technology Impact, Vol. 6, No. 2, 2006, pp. 61 – 72

353.Electronic Classroom, Electronic Community: Virtual Social Networks and Student Learning. Lisa Harris. PhD Thesis School of Global Studies, Social Science and Planning Portfolio of Design and Social Context, RMIT University, October 2007.

354.AVirtual Reality Laboratory for Distance Education in Chemistry, J Georgiou, K Dimitropoulos, A Manitsaris, INTERNATIONAL JOURNAL OF SOCIAL SCIENCES VOLUME 2 NUMBER 1 2008 ISSN 1306-973X, pp. 34-41

59. "Enhancing the DiffServ architecture of a simulation environment", C. Bouras, D. Primpas, A. Sevasti, A. Varnavas, 6th IEEE International Workshop on Distributed Simulation and Real Time Applications, Fort Worth, Texas, USA, October 11 - 13, 2002, pp. 108 - 118

355.SBWAN: Service Differentiation in Broadband Wireless Ad Hoc Networks, Kumar, Praveen; Dhanakoti, Niranjana; Gopalan, Srividya; Sridhar V., 11th European Wireless Conference 2005 - Next Generation Wireless and Mobile Communications and Services (European Wireless), 10-13 April 2005, pp. 1-6

356.Active Queue Management for Real – time IP Traffic, Xiaoyan Wang, PhD, Department of Electronic Engineering, Queen Mary, University of London, October 2006

357.MEASUREMENT BASED COMPARISON BETWEEN VoIPoMPLS AND VoIP USING SOFTWARE ROUTERS, MASTER OF SCIENCE in Computer Networks, King Fahd University of Petroleum & Minerals, Dhahran, Saudi Arabia

358.MFMP: Max flow multipath routing algorithm, Mahlous, A.R., Fretwell, R.J., Chaourar, B. Proceedings - EMS 2008, European Modelling Symposium, 2nd UKSim European Symposium on Computer Modelling and Simulation, art. no. 4625321, pp. 482-487

359.Performance evaluation of max flow multipath protocol with congestion awareness, Mahlous, A.R., Chaourar, B., Mansour, M., Proceedings - International Conference on Advanced Information Networking and Applications, AINA 2009, Article number 5136751, pp 820-825

60. "An environment for the annotation of multimedia material by younger children", C. Bouras, A. Gkamas, A. Sevasti, Journal of Educational Multimedia and Hypermedia – JEMH, AACE, Vol. 11, Issue 4, 2002, pp. 363 – 385

360. Schuck, S. & Kearney, M. (2004). Students in the director's seat: Teaching and learning across the school curriculum with student-generated video. (This study was funded by a UTS Industry Links Research Grant with Apple Computers Australia)
361. Synthesis: Literature reviews EVAL3: Evaluation of E-learning Institute for Future Studies Innsbruck, Austria, University of Tampere, Finland, Nexus Dublin, Ireland, IVLOS, Institute of Education - Centre for ICT in Education – Utrecht University, the Netherlands, Interactive Studion Stockholm, Sweden, CRED and Kownet Pontypridd, Wales, September 19, 2004

61. "A Framework for Intelligent Virtual Training Environment: The steps from specification to design", C. Bouras, V. Triantafillou, T. Tsiatsos, Journal of International Forum of Educational Technology & Society (IFETS) Special Issue on Innovations in Learning Technology, Learning Technology Task Force – IEEE (on – line) Vol. 5, Issue 4, 2002, pp. 11 – 26

362. Warwick, Center for Academic Practice
<http://www2.warwick.ac.uk/services/cap/resources/interactions/archive/issue19/innov/>
363. DOCIS Documentation Computing and Information Science,
<http://wotan.liu.edu/docis/dbl/edteso/>
364. A Study of Blended Learning for Higher Education,
<http://ethesys.lib.fcu.edu.tw/ETD-db/ETD-search/getfile?urn=etd-0714103-113620&&filename=etd-0714103-113620.pdf>
365. The Potential Use of Collaboration Scripts in Synchronous Collaborative Learning, Aiman Turani and Rafael Calvo, Conference IMCL2007, April 18 -20, 2007 Amman, Jordan
366. Stepping Forward in Applying Computer Support for Collaborative Training, A. Turani, R. Calvo, ELME 2007
367. Open crimescene review log interaction log in a virtual crime scene investigation learning environment, Brennecke, A, Schlechtweg, S.F. Strothotte, T., GRAPP 2007 - 2nd International Conference on Computer Graphics Theory and Applications, Proceedings Volume AS, Issue IE/-, 2007, pp 185-190
368. Design and development of virtual reality: Analysis of challenges faced by educators, Hanson, K., Shelton, B.E., 2008, Educational Technology and Society 11 (1), pp. 118-131
369. Computer support for activity-based E-Training, Turani, A., Al-Shrouf, F., European Journal of Scientific Research Volume 30, Issue 1, May 2009, pp 26-35
370. E-Cooperation Patterns in Software Development Virtual Meetings". Aiman Turani and Faiz Al-Shrouf. IJCSNS International Journal of Computer Science and Network Security, VOL. 9 No. 5, May 2009, pp. 91.

371. Intelligent e-learning framework for practicing educational testing services, Turani, A., Al-Shrouf, F., International Arab Journal of Information Technology, Volume 8, Issue 4, October 2011, Pages 372-375

62. "From IPv4 to IPv6: The Case of OpenH323 Library" SAINT-2003, C. Bouras, A. Gkamas, K. Stamos, The 2003 International Symposium on Applications and the Internet, Workshop in IPv6 and Applications, Orlando, Florida, USA, January 27-31, 2003, pp. 196-199

372. Bienvenidos a IPv6 Cuba, <http://www.cu.ipv6tf.org/aplicaciones.htm>

373. Study on the Implementation of H.323 Video Conference System Terminal, China Cable Television, 2004 No.15 P.6-9

63. "Virtual Collaboration Spaces: The EVE Community", Bouras C., Giannaka E., Tsiatsos T. In Proceedings of the 2003 Symposium on Applications and the Internet, SAINT (Orlando, Florida, Jan 2003), pp. 48-55

374. A Web-Based Multimedia Virtual Reality Environment for E-Learning, Gavin McArdle, Teresa Monahan, Michela Bertolotto, Eleni Mangina, Eurographics 2004 - the annual conference of the European Association for Computer Graphics, Grenoble (France), August 30 - September 3, 2004

375. Applying Petri Nets to Model SCORM Learning Sequence Specification in Collaborative Learning, H. W. Lin, Wen-Chih Chang, George Yee, Timothy K. Shih, Chun-Chia Wang, Hsuan-Che Yang, 19th AINA, 28-30 March 2005, pp. 203 - 208

376. Conceptual Agent Models for a Virtual Reality and Multimedia E – Learning Environment, G. McArdle, T. Monahan, M. bertolotto, E. Mangina, Web – based Education – WBE 2005, Grindelwald, Switzerland, February 21 – 23, 2005

377. Analysis and Design of Conceptual Agent Models for a Virtual Reality E-Learning Environment, G. McArdle, T. Monahan, M. Bertolotto, E. Mangina, Advanced Technology for Learning, Issue 3, 2005

378. 3D User Interfaces and Multimedia in E-Learning, Monahan, T., McArdle, G., Bertolotto, M. & Mangina, E., Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2005, pp. 4306-4313

379. Using 3D graphics for learning and collaborating online., Monahan, T., McArdle, G., & Bertolotto, M., EUROGRAPHICS 2005, pp 33-40

380. Applying Petri nets to model learning sequence with SCORM specification in collaborative learning, Chun-Chia Wang, Lin, H.W., Wen-Chih Chang, Shih, T.K., Proceedings of the 2005 International Conference on Active Media Technology, 2005. (AMT 2005)., pp 181 - 186

- 381.3D Collaborative virtual environments for e – learning and m – learning, G. McArdle, T. Monahan, M. Bertolotto, 5th International Conference on Web – based education, 2006, pp. 1 – 6
- 382.Applying SCORM in Cooperative Learning. W. C. Chang. Journal of Computers, 2006.
- 383.Interactive Education System Using Mobile-Phone E-mail. Maeda, T., Okamoto, T., Fukushige, Y. & Asada, T. In E. Pearson & P. Bohman (Eds.), Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2006, pp. 2369-2374.
- 384.Interactive E-Learning Environment Using Mobile Phone Messages. Toshiyuki Maeda, Tadayuki Okamoto, Yae Fukushigeand Takayuki Asada. IADIS International Conference Mobile Learning, 2006.
- 385.WEB-BASED COMMUNITIES IN E-LEARNING, Gavin McArdle, Teresa Monahan and Michela Bertolotto, In Proceedings of the THIRD INTERNATIONAL CONFERENCE ON WEB INFORMATION SYSTEMS AND TECHNOLOGIES (WEBIST 2007), Volume 3 (SeBeGeL - Society, e-Business and e-Government / e-Learning), BARCELONA, SPAIN MARCH 3-6, 2007, pp. 265-272
- 386.E-mail-based Education Environment Using Mobile Phone Communication, [Maeda](#), [Okamoto](#), [Miura](#), [Fukushige](#), [Asada](#), [Seventh IEEE International Conference on Advanced Learning Technologies \(ICALT 2007\)](#), pp. 427 – 429
- 387.Virtual Reality for Collaborative e – Learning, T. Monahan, G. McArdie, M. Bertolotto, Journal of Computers and Education, Elsevier Science, Vol. 50, Issue 4, 2008, pp. 1339 – 1353
- 388.Learning Session Management with E-mail Communication. Maeda, T., Okamoto, T., Fukushige, Y. & Asada, T. In J. Luca & E. Weippl (Eds.), Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2008 (pp. 1787-1792). Chesapeake, VA: AACE.
- 389.Introducing Communities to e-Learning, Web Information Systems and Technologies. Gavin McArdle, Teresa Monahan and Michela Bertolotto. Lecture Notes in Business Information Processing, 2008, Volume 8, Part 5, 277-291, DOI: 10. 1007/978-3-540-68262-2_20.
- 390.Lecture sequence management system using mobile phone messages, Maeda, T., Okamoto T., Fukushige Y., Asada T., Studies in Computational Intelligence, Volume 131, 2008, pp. 181 – 187
- 391.Development of an Integrated System for Education and Administration, N Hanakawa, T Maeda, A Mori, S Tsutsui, Journal of The IPSI BgD Transactions on Internet Research
- 392.Design and implementation of collaborative virtual geographic education environment, Li, W., Gong, J., Zhou, J., Geomatics and Information Science of Wuhan University 33 (3), pp. 289-292

393. Exploring the use of 3D collaborative interfaces for e-learning, McArdle, G., Studies in Computational Intelligence Volume 217, 2009, pp 249-270
394. Mobile communication system for health education, Maeda Toshiyuki, Okamoto Tadayuki, Fukushige Yae, Asada Takayuki, Proceedings of World Conference on Educational Multimedia, Hypermedia & Telecommunications 2009, pp 1156-1161
395. Assessing the application of three-dimensional collaborative technologies within an e-learning environment. McArdle, G. & Bertolotto, M. Interactive Learning Environments, 2010, doi: 10.1080/10494821003714749.
396. Graphically E-Learning introduction and its benefits in Virtual Learning. A. D. Malayeri, J. Abdollahi, R. Rezaei – Arxiv preprint arXiv: 1003.3094, 2010.
397. An exploratory study of problem-based learning in virtual worlds, Vosinakis, S., Koutsabasis, P., Zaharias, P., Proceedings - 2011 3rd International Conference on Games and Virtual Worlds for Serious Applications, VS-Games 2011, Article number 5962093, pp 112-119
398. Managing invisible users in interactive networked collaborative Environment, Idrus, Z., Abidin, S.Z.Z., Omar, N., Hashim, R., Recent Researches in Communications and IT - Proc. of the 15th WSEAS Int. Conf. on Communications, Part of the 15th WSEAS CSCC Multiconference, Proc. of the 5th Int. Conf. on CIT'11, pp 158-163
399. Users Management in Interactive Networked Collaborative Environment, Zainura Idrus, Siti Z. Z. Abidin, N. Omar, R. Hashim, INTERNATIONAL JOURNAL OF COMPUTERS AND COMMUNICATIONS, Issue 4, Volume 5, 2011

64. "QoS and SLA aspects across multiple management domains: The SEQUIN approach", C. Bouras, M. Campanella, M. Przybylski, A. Sevasti, Future Generation Computer Systems Journal, Elsevier Science, Volume 19, Issue 2, February 2003, pp. 313 – 326

400. Pricing of Risk for Loss Guaranteed Intra-domain Internet Service Contracts, A. Gupta, S. Kalyanaraman, L. Zhang, accepted at Computer Networks Journal, 2005
401. Qualidade de Servico: Definicao do Piloto, J. Monteiro, L. Sampaio, M. Figueredo, RNP, December 2002, <http://www.nuperc.unifacs.br/gtqos/arquivos/GTQoS2.1v10.PDF>
402. Evaluating Architectures for Independently Auditing Service Level Agreements, AC Barbosa, J. Sauv e, W. Cirne, M. Carelli, Future Generation Computer Systems, Volume 22, Issue 7, August 2006, pp. 721 – 731
403. Cooperative service level agreement, B. Doshi, S. Wang, P. Kim, D. Goldsmith, B. Liebowitz, K. Park, IEEE Military Communications Conference – MILCOM, 2007

404. Managing service level agreement contracts in OGSA – based Grids, A. Litke, K. Konstanteli, V. Andronikou, S. Chantzis, T. Varvarigou, *Future Generation Computer Systems*, Vol. 24, Issue 4, April 2008, pp. 245 – 258
405. Monitoring of SLA parameters within VO for the SOA paradigm, Funika, W., Kryza, B., Slota, R., Kitowski, J., Skalkowski, K., Sendor, J., Krol, D., *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, Volume 6068 LNCS, Issue PART 2, 2010, pp 115-124
406. Special Section: Grid and pervasive computing (selected papers from 2010 International Conference on Grid and Pervasive Computing), Chang, R.-S., Chao, H.-C., *Future Generation Computer Systems*, Volume 27, Issue 6, June 2011, pp 820-822
- 65. “Υπηρεσία Σύγχρονης Τηλεκπαίδευσης με προηγμένες δυνατότητες διαχείρισης του μαθήματος” Απόστολος Γκάμας, Μιχάλης Ευρυπιώτης, Βαγγέλης Καπούλας, Χρήστος Μπούρας, Κώστας Στάμος, , 2ο Πανελλήνιο Συνέδριο για την Ανοικτή και εξ Αποστάσεως Εκπαίδευση, Πάτρα, 28 - 30 Μαρτίου 2003, σ. 572-582**
407. Αξιοποίηση Περιβαλλόντων Σύγχρονης Τηλεκπαίδευσης για τη Διδασκαλία και τη Μάθηση στην Ανώτατη Εκπαίδευση, Χαράλαμπος Μουζάκης, Παντελής Μπαλαούρας, Ιωάννης Ρουσσάκης, Δημήτριος Ματθαίου, 4ο Συνέδριο «Οι Τεχνολογίες της Πληροφορίας και της Επικοινωνίας στην Εκπαίδευση, Αθήνα, 29 Σεπτ. – 3 Οκτ. 2004
408. Διδασκαλία του τρίτου νόμου του Νεύτωνα με χρήση του προγράμματος σύγχρονης τηλεκπαίδευσης Centra. Σύγκριση με την αντίστοιχη παραδοσιακή μέθοδο διδασκαλίας, Αναστάσιος Αναγνωστόπουλος, Πανεπιστήμιο Ιωαννίνων, Σχολή Θετικών Επιστημών, Τμήμα Φυσικής, Μεταπτυχιακή Διατριβή για το Μ.Π.Σ. «Νέες τεχνολογίες και έρευνα στη διδακτική της Φυσικής», Ιωάννινα, Μάιος 2006
- 66. "Performance Evaluation of a Hybrid Run – time Management Policy for Data intensive Web Sites", C. Bouras, A. Konidaris, World Wide Web Journal: Internet and Web Information Systems, Kluwer Academic Publishers, Vol. 6, Issue 1, March 2003, pp. 23 – 47**
409. Unanticipated Evolution of Web Service Provision Software using Generative Object Communication, PhD., L. Bradford, Queensland University of Technology, Australia, 2006
410. Structuring e-services evaluation based on multi-level value flow models, Loukis, E., Pazalos, K., Salagara, A., *Proceedings of the European, Mediterranean and Middle Eastern Conference on Information Systems - Informing Responsible Management: Sustainability in Emerging Economies, EMCIS 2011*, pp 552-570

67. "Multi – User Layer in the EVE Distributed Virtual Reality Platform", 5th International Workshop on Multimedia Networks Systems and Applications (MNSA2003), Providence, Rhode Island, USA, C. Bouras, D. Psaltoulis, C. Psaroudis, T. Tsiatsos, 19 - 22 May 2003, pp. 602 - 607

411. Dynamic Data Path Prediction in Network Virtual Environment, S Song, S Jeong, G Hur, S Ra, Lecture Notes in Computer Science Volume 4488/2007 Computational Science – ICCS 2007, pp. 150-153

68. "Building e – learning communities: The case of VirRAD", C. Bouras, E. Giannaka, V. Kapoulas, M. Nani, T. Tsiatsos, 3rd IEEE International Conference on Advanced Learning Technologies, Athens, Greece, July 9 – 11, 2003, pp. 452

412. Establishment of community information network in a developing nation, [Rajendran, B.](#), [Venkataraman, N.N.](#), [Murugesan, P.](#), [Tandel, K.](#), [IEEE Region 10 Annual International Conference, Proceedings/TENCON](#), Volume 2007 Virtual laboratories in engineering education: the simulation lab and remote lab, Balamuralithara, B., Woods, P.C., Computer Applications in Engineering Education Volume 17, Issue 1, March 2009, pp 108-118

69. "Analytical approach and verification of a DiffServ – based priority service", C. Bouras, A. Sevasti, 6th IEEE International Conference on High Speed Networks and Multimedia Communications (HSNMC'03), Estoril, Portugal, July 23 – 25, 2003, pp. 11 - 20

413. Working Bibliography, <http://www.hcs.ufl.edu/~wernicke/hpn/wbibliography.doc>

414. Experimental Characterization of QoS in Commercial Ethernet Switches for Statistically Bounded Latency in Aircraft Networks, A. Jacobs, J. Wernicke, S. Oral, B. Gordon, and A. George, 29th Annual IEEE International Conference on Local Computer Networks (LCN'04), pp. 190-197

415. QoS Literature Search, R. Task, www.hcs.ufl.edu/~wernicke/hpn/lsearch.ppt

416. Characterization of Quality of Service in Commercial Ethernet Switches for Statistically Bounded Latency in Aircraft Networks, A. Jacobs, J. Wernicke, B. Gordon, A. George, 2004, Proceedings Conference on Local Computer Networks LCN, pp. 190-197

417. DiffServ for differentiated reliability in meshed IP/WDM networks, C Awad, B Sansñ, A Girard, 2008, Computer Networks Journal 52 (10), pp. 1988-2012

70. "A web – based game for supporting game – based learning", O. Dziabenko, M. Pivec, C. Bouras, V. Igglesis, V. Kapoulas, I. Misedakis, 4th GAME – ON 2003, London, UK, November 19 – 21, 2003, pp. 111 – 118

418. How serious are serious games? Some lessons from ifra – games, G. Bekebrede, I. Mayer, S. van Houten, R. Chin, A. Verbraeck, DiGRA 2005 Conference: Changing Vies – Worlds in Play
419. Learning in Immersive worlds: A review of game – based learning, JISC e – learning Programme, Sara de Freitas http://www.jisc.ac.uk/media/documents/programmes/elearning_innovation/gaming%20report_v3.3.pdf Supporting online learning with games, Yao, J., Kim, D., Herbert, J.P., 2007, Proceedings of SPIE - The International Society for Optical Engineering 6570, art. no. 65700G
- 71. "A Most Popular Approach of Predictive Prefetching on a WAN to Efficiently Improve WWW Response Times", C. Bouras, A. Konidaris, D. Kostoulas, The Second International Workshop on Grid and Cooperative Computing, Shanghai, China, December 7 – 10, 2003, pp. 344 – 351**
420. A performance analysis of a cache – based file prediction protocol for mobile file, A. Boukerche, R. Al – Shaikh, International Workshop on Modeling Analysis and Simulation of Wireless and Mobile Systems, Terromolinos, Spain, 2006, pp. 100-104
421. Optimizing predictive prefetching in multi-client single-server environment, Ahmad, N., Khan, A., Bibi, F., Proceedings - 2011 9th International Conference on Frontiers of Information Technology, FIT 2011, Article number 6137137, pp 154-160
- 72. "Using J2EE Web Services for the Implementation of an Application on Demand Portal", Ch. Bouras, A. Gkamas, D. Primpas, K. Stamos, The Second Workshop on e – Business (WeB 2003), Seattle, USA, December 13 - 14, 2003, pp. 72 – 83.**
422. Next generation ASP platform: Business processes, requirements and system architecture, Specht, T., Klostermann, T., Proceedings of the Third IASTED International Conference on Communications, Internet, and Information Technology , 2004, pp. 407 – 412
- 73. "Performance issues of bandwidth management in ATM networks", C. Bouras, C. Chantzi, V. Kapoulas, A. Panagopoulos, I. Sampraku, A. Sevasti, International Journal of Communication Systems, Wiley InterScience, Volume 16, Issue 2, 2003, pp. 151 - 169**
423. Large scale computational science on federated international grids: The role of switched optical networks, Coveney, P.V. , Giupponi, G., Jha, S., Manos, S., MacLaren, J., Pickles, S.M., Saksena, R.S., Soddemann, T., Suter, J.L., Thyveetil, M., Zasada, S.J., Future Generation Computer Systems, Volume 26, Issue 1, January 2010, pp. 99 – 110
- 74. "Competitive Video on Demand Schedulers for Popular Movies", C. Bouras, V. Kapoulas, G. Pantziou, P. Spirakis, Discrete Applied Mathematics, Special Issue Algorithmic Aspects of Communication, Elsevier Science, Vol. 129, Issue 1, (2003), pp. 49 – 61**

424. Design and analysis of online batching systems, R. Hung, H. Ting, LNCS 3887, pp. 605 – 616
425. Determining the proper number and price of software licenses, M. Murtojarvi, J. Jarvinen, M. Johnsson, T. Leipala, O. Nevalainen, IEEE Transactions on Software Engineering, Vol. 33, Issue 5, May 2007, pp. 305 – 315
426. Design and analysis of online batching systems, Hung, R.Y.S. , Ting, H.-F., Algorithmica (New York), Volume 57, Issue 2, June 2010, pp 217-231
- 75. "An electronic voting service to support decision making in Local Government", C. Bouras, N. Katris, V. Triantafillou, Journal of Telematics and Informatics-Special Issue, The Internet and Local Governance: Issues for Democracy, Elsevier Science, Vol. 20, Issue 3 (2003), pp. 255 – 274**
427. Electronic voting technology, <http://electronic-voting-technology-6.h324.com/e-vote.html>
428. Issues with Electronic Voting, N. Connolly, Msc Thesis, Dublin Institute of Technology, School of Computing, 2004
429. Method for secure on-line voting, Suyash Sinha, US Patent 7055742, 2004
430. Technology as a Tool for Citizen Participation in Community Development and Tourism: The Rebuilding of Lower Manhattan, C. Green, S. Murrmann, Information and Communication Technologies in Tourism, Innsbruck, Austria, 2005, pp. 102 – 113
431. Web-based Decision Support System for the Public Sector Comprising Linguistic Variables, J Benčina, 2007, Informatica (Ljubljana) 31 (3), pp. 311-323
432. The evaluation of the students teachers' attitudes toward Internet and democracy, B. Oral, Computers and Education, Vol. 50, Issue 1, January 2008, pp. 437 – 445
433. What is driving the increasing presence of citizen participation initiatives?, Yetano, A. , Royo, S. , Acerete, B., Environment and Planning C: Government and Policy, Volume 28, Issue 5, 2010, pp 783-802
434. Citizen participation in German and Spanish local governments: A comparative study, Royo, S., Yetano, A., Acerete, B., International Journal of Public Administration, Volume 34, Issue 3, February 2011, pp 139-150
- 76. "Multimedia Transmission with Adaptive QoS based on Real Time Protocols", Ch. Bouras, A. Gkamas, International Journal of Communications Systems, Wiley InterScience, 2003; 16, pp. 225-248**
435. Resource management techniques for dynamic multimedia content adaptation in heterogeneous networks, Nikolouzou, E. Email this author,

- Sampatakos, P., Kosmatos, V., Venieris, I.S. Proceedings of SPIE - The International Society for Optical Engineering, Volume 5242, 2003, pp 246-257
- 436.QoS Adaptation in Multimedia Multicast Conference Applications, Srgio Deusdado, Paulo Carvalho, ECUMN'04 - 3rd European Conference on Universal Multiservice Networks, October 25-27, Porto, Portugal, 2004
- 437.Enamorado: An intelligent multimedia content delivery system, E. Kosmatos, C. Papagianni, E. Nikolouzou, P. Sampatakos, S. Maniatis, I.S.Venieris, in Proceedings of Mobile Summit 2004, June 2004.
- 438.Intelligent Multimedia Content Provision for Nomadic Users, Papagianni C., Kosmatos E., Nikolouzou, E., Venieris I. S., European Wireless 2005 - 11th European Wireless Conference 2005 - Next Generation wireless and Mobile Communications and Services, 10-13/04/2005, Nicosia, Cyprus
- 439.Innovation and the Knowledge Economy: Issues, Applications, Case Studies, Miriam Cunningham, IOS Press 2005, pp: 1811 ISBN:1586035630
- 440.Improving node behaviour in a QoS control environment by means of load-dependent resource redistributions in LANs, Bernd E. Wolfinger, Jurgen Wolf and Gwendal Le Grand, International Journal of Communication Systems, Wiley InterScience, 2005, 18, pp. 273 - 394.
- 441.Adaptive Application for Mobile Network Environment, K Mitsuya, M Isomura, K Uehara, J Murai, The 5th International Conference on ITS Telecommunications (ITST), pp.211-214, Brest, France, June 2005.
- 442.Dynamic Resource Reservation and QoS Management in IEEE 802.11e Networks Dynamic Resource Reservation and QoS Management in IEEE 802.11e Networks, J. Wolf, S. Heckmüller, B.E. Wolfinge, In Proc. of the Int. Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS), 2005.
- 443.Enamorado: Enabling Nomadic Agents in a Multimedia Oriented Architectures of Distributed Object, Y. Krasteva, C. Papagianni,, E. Kosmatos, E. de la Torre, I.S.Venieris, Innovation and the Knowledge Economy, ISBN: 1- 8603 – 563 – 0, ISSN: 1574 – 1230, pp. 975 – 982
- 444.QoS adaptation in multimedia multicast conference applications for e – learning services, S. Deusdado, P. Carvalho, International Journal of Distance Education Technologies, Vol. 4, Issue 4, October 2006, pp. 56 – 68
- 445.Constraint - based media content delivery over heterogeneous networks and devices, E. Nikolouzou, P. Sampatakos, E. Kosmatos, S. Maniatis, Iakovos S. Venieris, International Journal of Wireless and Mobile Computing (IJWMC), Vol. 2, No. 2/3, 2007
- 446.Comprehensive Study of Transmission Techniques for Reducing Packet Loss and Delay in Multimedia over IP, M. Ngatman, M. Ngadi, J. Sharif,

2008, International Journal of Computer Science and Network Security, Vol. 8 No. 3, pp. 292-299

447. Dynamic QoS management for multimedia real-time transmission in industrial environments, J Silvestre, L Almeida, R Marau, P Pedreiras, Emerging Technologies & Factory Automation, 2007. ETFA. IEEE Conference, pp. 1473-1480
448. J. Wolf, Lastadaptive Betriebsmittelverwaltung und Dienstgütemanagement für verteilte Echtzeitanwendungen in lokalen und drahtlosen Netzen, Dissertation, Department Informatik, Universität Hamburg, 2007, erschienen in: Wolfinger B.E. (Hrsg.), Berichte aus dem Forschungsschwerpunkt Telekommunikation und Rechnernetze, Band 6, Shaker-Verlag, Aachen, 2007.
449. Strategic Applications of Distance Learning Technologies, Edited By: Mahbubur Rahman Syed. ISBN: 978-1-59904-480-4, Publisher: Information Science Reference, Pub Date: July 2008, Pages: 314
450. A survey of active transmission technique for improve quality of service in multimedia over IP, M.F. Ngatman, J.M.Sharif, Md.A.Ngadi, International Symposium on Information Technology 2008, ITSIm, Vol. 4, 2008
451. Adaptation: A Concept for Next-Generation Security Application Development, Robby S. Fusell, Information Security Management Handbook, Sixth Edition, Volume 2, Harold F. Tipton and Micki Krause, Auerbach Publications 2008, pp 349–359
452. Adaptive real-time video transmission over DDS, García-Valls, M., Basanta-Val, P., Estévez-Ayres, I., IEEE International Conference on Industrial Informatics (INDIN) 2010, Article number 5549450, pp 130-135
453. On-line QoS Management for Multimedia Real-Time Transmission in Industrial Networks, Silvestre-Blanes J., Marau R., Almeida L., Pedreiras P., IEEE Transactions on Industrial Electronics, Volume 58, Issue 3, March 2011, Article number 5462942, Pages 1061-1071
454. Supporting service composition and real-time execution through characterization of qos properties, García-Valls, M., Basanta-Val, P., Estévez-Ayres, I., Proceedings - International Conference on Software Engineering 2011, pp 110-117
455. Adaptive RTP rate control method, Tos, U., Ayav, T., Proceedings - International Computer Software and Applications Conference 2011, Article number 6032202, pp 7-12
456. A stereoscopic video transmission algorithm for an IPTV network based on empirical data, Lloret, J., Garcia, M., Canovas, A., Turro, C., International Journal of Communication Systems Volume 24, Issue 10, October 2011, pp 1298-1329

- 77. "Evaluation of Teleteaching Services over ATM and IP Networks", Ch. Bouras, A. Gkamas, V. Kapoulas, Th. Tsiatsos, Journal of Telematics and Informatics, Elsevier Science, Vol. 20, Issue 1, 2003, pp. 1-18.**

457.IP, ISDN, and ATM infrastructures for synchronous teleteaching - An application oriented technology assessment, Soy, M., Bodendorf, F. Lecture Notes in Computer Science, Volume 3420, Issue I, 2005, pp 690-697

- 78. A SCORM – conformant LMS, ED – MEDIA 2003, Honolulu, Hawaii, USA, C. Bouras, M. Nani, T. Tsiatsos, 23 - 28 June 2003, pp. 10 – 13**

458.Late-binding SCORM Contents in Dynamic Learning Environments. Hu, Shueh-Cheng. Proceeding of the 2005 conference on Towards Sustainable and Scalable Educational Innovations Informed by the Learning Sciences, 2005, pp. 690-693.

459.Hu, S. & Chen, I. (2006). A Revamped LMS for Coping with Service-oriented Instructional Processes. In T. Reeves & S. Yamashita (Eds.), Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2006 (pp. 2853-2858). Chesapeake, VA: AACE

- 79. "Building reusable and interactive e – learning content using Web", C. Bouras, M. Nani, T. Tsiatsos, 2nd International Conference on Web - based Learning, Melbourne, Australia, August 18 – 20, 2003, pp. 497 - 508**

460.A metaprogramming - based model for generation of the eLearning-oriented WEB pages, Stuiikys, V., Damasevicius, R., Montvilas, M., ITRE 2004 – 2nd International Conference on Information Technology: Research and Education - Proceedings, pp. 64 – 68

461.Enriching a Pedagogical Model for the Implementation of a Virtual Training Environment, M. Mimirinis, A. Dafoulas, 5th IEEE ICALT, 2005, pp. 419 – 420

462.Estándares y especificaciones: estudio preliminar sobre su adopción en el desarrollo de cursos en línea en la USB, G Díaz-Antón, A Suárez, E Tahhan, D González, SPDECE 2007

- 80. "Efficient Reduction of Web Latency through Predictive Prefetching on a WAN", C. Bouras, A. Konidaris, D. Kostoulas, The Fourth International Conference on Web - Age Information Management (WAIM'03), Chengdu, China, August 17 - 19, 2003, pp. 25 – 36**

463.Cost – benefit analysis of web prefetching algorithms from the user's point of view, J. Domenech, A. Pont, J. Sahuquillo, A. Gil, LNCS 3976, pp. 1113 – 1118

464.A user-focused evaluation of web prefetching algorithms, J. Domenech, A. Pont, J. Sahuquillo, A. Gil, [Computer Communications](#), Elsevier Science, [Volume 30, Issue 10](#), 31 July 2007, pp. 2213 – 2224

465. Guidelines for Evaluating and Adapting Web Prefetching Techniques, J. Domenech, A. Pont, J. Sahuquillo, A. Gil, XVII Jornadas de Paralelismo – Albacete, Septiembre 2007
466. Dynamic Web pre – fetching technique for latency reduction, A. s. Nair, J. S. Jayasudha, International Conference on Computational Intelligence and Multimedia Applications – ICCIMA 2007, pp. 202 – 206
467. An intelligent technique for controlling web prefetching costs at the server side, Márquez, J., Domènech, J., Gil, J.A., Pont, A., Proceedings - 2008 IEEE/WIC/ACM International Conference on Web Intelligence, WI 2008, Article number 4740528, pp 669-675

81. "The deployment of IPv6 in an IPv4 world and Transition Mechanisms", C. Bouras, P. Ganos, A. Karaliotas, Internet Research: Electronic Networking, Applications and Policy, Emerald, Volume 13, Number 2, 2003, pp. 86 - 93

468. IPv6 network comprehensive deployment on campus network, Chen, Y.-G., Hu, Z.-Y., Tan, S.-M., Proceedings - 2009 International Conference on Environmental Science and Information Application Technology, ESIAT 2009 Volume 2, 2009, Article number 5199971, pp 631-634

82. "A new pricing mechanism for a high – priority DiffServ – based service", C. Bouras, A. Sevasti, The 6th International Conference on Advanced Communication Technology, Phoenix Park, Republic of Korea, February 9 – 11, 2004

469. Modeling of dynamic pricing by market demand in multiple QoS networks, S. Kim, M. Choi, LNCS 3751, 2005, pp. 49 - 57

83. "Performance of Adaptive Multimedia Transmission: The case of One Multicast Stream techniques", The International Conference on Information Networking (ICOIN), Busan, Korea, C. Bouras, A. Gkamas, 18 - 20 February 2004

470. Comprehensive Study of Transmission Techniques for Reducing Packet Loss and Delay in Multimedia over IP, MF Ngatman, MA Ngadi, JM Sharif, IJCSNS 2008 p.292

84. "A Web – page fragmentation technique for personalized browsing", C. Bouras, V. Kapoulas, I. Misedakis, 19th ACM Symposium on Applied Computing – Track on Internet Data Management, Nicosia, Cyprus, March 14 – 17, 2004, pp. 1146 – 1147

471. An intelligent web portal system for web information integration, Ho J., Tsai C., Liang T., Yang C., IEEE International Conference on Systems, Man and Cybernetics, 2005, pp. 3878 – 3883
472. An intelligent web portal system for web information integration, Ho J., Tsai C., Liang T., Yang C., Journal of Internet Technology, Vol. 7, Issue 1, January 2006, pp. 119 – 128

473. Towards effective browsing of large scale social annotations, R Li, S Bao, Y Yu, B Fei, Z Su, International World Wide Web Conference, Proceedings of the 16th international conference on World Wide Web, pp. 943 – 952
474. Supporting end-users in the creation of dependable web clips, S Lingam, S Elbaum, International World Wide Web Conference, Proceedings of the 16th international conference on World Wide Web, pp. 953 - 962

85. "Using VR technology to Support e - Learning: The 3D Virtual Radiopharmacy Laboratory" A. Alexiou, C. Bouras, E. Giannaka, V. Kapoulas, M. Nani, T. Tsiatsos, 6th International Workshop on Multimedia Network Systems and Applications (MNSA 2004), Tokyo, Japan, March 23 - 26 2004, pp. 268 - 273

475. A 3D Situated Language Exercising System in the WWW Environment Huan-Chao Keh, Jia-Lin Chang, Kun-Yi Lin, Hun-Hui Hsu, International Journal of Distance Education Technologies, Volume 3, Issue 3, July 2005, pp. 65 – 81
476. Modelling and Programming VR applications: An ICT undergraduate course, Grigore Albeanu, The 1st International Conference on Virtual Learning, ICVL 2006, October 27 – 29, Bucharest, Romania, pp. 83-90
477. Uso de RV no Suporte a Exercícios de Laboratório Auto Dirigidos e Interativos em Fisiologia, F. Santos, M. Duzzioni, R. Siqueira, p. Giassi – Junior, L. Scharz, C. De Oliveira, J. Marino Neto, X Congresso Brasileiro de Informática em Saúde – CBIS 2006, Florianópolis, Brazil, October 14 – 18, 2006
478. Supporting web-based E-learning through collaborative virtual environments for radiotherapy treatment: A formal design. Al Hamidi, A., Boukerche, A., Ahmad, L., Zhang, M., 2008, VECIMS 2008 - IEEE Conference on Virtual Environments, Human-Computer Interfaces and Measurement Systems Proceedings, art. no. 4592752, pp. 51-56
479. E-learning systems in virtual environment, Abdul-Kader, H.M., 2008 ITI 6th International Conference on Information and Communications Technology, ICICT 2008, Article number 4806644, pp 71-76
480. Exploring the use of 3D collaborative interfaces for e-learning, McArdle, G., Studies in Computational Intelligence Volume 217, 2009, pp 249-270
481. Design of a virtual environment aided by a model-based formal approach using DEVS, Boukerche, A., Hamidi, A.A., Ming, Z., Concurrency Computation Practice and Experience Volume 21, Issue 11, 10 August 2009, pp 1422-1436
482. Architectural design for the 3D virtual radiology department using virtual reality technology, Boukerche, A., Hamidi, A.A., Pazzi, R., Ahmad, L., 2009 IEEE Workshop on Computational Intelligence in Virtual Environments, CIVE 2009 – Proceedings, 2009, Article number 4926317, pp 45-52

483. Supporting virtual reality in an adaptive web-based learning environment, De Troyer, O., Kleinermann, F., Pellens, B., Ewais, A., Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Volume 5794 LNCS, 2009, pp 627-632
484. e-learning systems in virtual environment, Abdul-Kader, H.M., International Arab Journal of Information Technology, Volume 8, Issue 1, January 2011
485. Virtual Educational System and communication, Kostic, Z.O., Jevremovic, A.D., Markovic, D.S., Popovic, R.M., Proceedings of Papers 2011 10th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, TELSIKS 2011, Article number 6112074, pp 373-376

86. "Performance Evaluation of an IPv6-capable H323 Application", C. Bouras, A. Gkamas, D. Primpas, K. Stamos, The 18th International Conference on Advanced Information Networking and Applications (AINA 2004), Fukuoka, Japan, March 29-31 2004, pp. 470-475

486. IPv6 Links and Documents, Vasaka Visoottiviseth, <http://mucc.mahidol.ac.th/~ccvvs/ipv6-links.html>
487. Principles, implementation and transition to IPv6 protocol, Vladimir Kotal, Department of Software Engineering, Univerzita Karlova v Praze, 19.4.2005
488. Impact of IPSec Overhead on Web Application Servers, S. Meenakshi, S. . Raghavan., International Conference on Advanced Computing and Communications, ADCOM 2006, pp. 652 – 657
489. OpenH323-Based IPv6 Multimedia Education System", Hu Yifeng, Li Zhizhan, Sun Zichen, Zhao Zeyu, China Education Network, 2008 No.2 pp.126-128
490. Network performance issues in IP transition phase, Bilski, T., Proceeding - 6th International Conference on Networked Computing and Advanced Information Management, NCM 2010, Article number 5572359, pp 39-44

87. "Distributed Virtual Reality: Building a Multi – User Layer in EVE Platform", C. Bouras, Th. Tsiatsos, Journal of Network and Computer Applications, Academic Press, Vol. 27, No. 2, April 2004, pp. 91 – 111

491. External Interaction Management of VRML Scenes for E-Learning Applications, José M. Cubero, Luis Salgado, Jesús Bescós, Francisco Morán and Julián Cabrera., LET-Web3D'04, Udine (Italy), September 2004, pp. 47 – 52
492. Efficient Architecture for Low-Cost Adaptive 3D Graphics-Based E-Learning Application, Luis Salgado , Jesús Bescós , Francisco Morán , Julián Cabrera , Enrique Estalayo and José Cubero

493. Web – based product development and simulation with virtual reality, X. Zou, B. Gu, J. Sun, H. He, *Journal of Computation and Information Systems*, 2006(1), pp. 161 – 166
494. A web-based virtual laboratory for teaching automatic control, Granada, E., Colmenares, W., Strefezza, M., Alonso, A. , *Computer Applications in Engineering Education*, Volume 15, Issue 2, August 2007, pp 192 – 197
495. A distributed virtual reality-based system for neonatal decision-making training, Holobar, A. , Divjak, M., Prelog, I., Korošec, D., Zazula, D. , *Computer Applications in Engineering Education*, Volume 15, Issue 4, January 2008, pp. 329 – 339
496. The significance of multimedia didactic aids in the informative society”. L. A. Dobrzański, R. Honysz. *Archives of Materials Science and Engineering International OCSCO World Press*. Volume 32, Issue 2, August 2008, Pages 117-120.
497. RECOLLVE - REpresenting COLlaboration in virtual environments, Dos Santos Filho, J.V., Gomes, R.L., De Castro Pinto Pedroza, A., Courtiat, J.-P., *Proceedings of the 2008 International Conference on Computer Graphics and Virtual Reality, CGVR 2008*, pp 174-180
498. The agent-based architecture of recollve, Dos Santos Filho, J.V., Gomes, R.L., Pinto Pedroza, A.D.C., Courtiat, J.-P., *V Simposio Brasileiro de Sistemas Colaborativos, SBSC 2008*, Article number 4700792, pp 134-145
499. Development of an intelligent agent system for collaborative mold production with RFID technology, [Trappey, A.J.C.](#), [Lu, T.-H.](#), [Fu, L.-D.](#), 2009, *Robotics and Computer-Integrated Manufacturing* 25 (1), pp. 42-56
500. Virtual worlds as a tool for enterprise services, Vijaykar, S., Kadavasal, M.S., Dhara, K.K., Wu, X., Krishnaswamy, V., 2009 6th IEEE Consumer Communications and Networking Conference, CCNC 2009 ,Article number 4784828
501. Coordinating collaborative work with RECOLLVE, Santos Fh, J.V., Gomes, R.L., Bacurau, R.M., Pedroza, A.De.C.P., Courtiat, J.-P., 2009 International Symposium on Collaborative Technologies and Systems, CTS 2009, Article number 5067490, pp 266-275
502. Generation of Virtual Learning Environment on the Internet Using VRML. Radi Romansky, Elena Parvanova. *Proceedings of the International Conference on Information Technologies (InfoTech-2009)*, 17th-20th September 2009, Bulgaria.
503. A roaming system of the residential building's virtual internal scene based on VRML, Zhang, L. , Zheng, G., *Proceedings - 2010 2nd International Workshop on Intelligent Systems and Applications, ISA 2010* ,2010, Article number 5473396

504. Integrating video-capture virtual reality technology into a physically interactive learning environment for English learning. Yang, J. C., Chen, C. H., and Chang Jeng. *Computers & Education*, Volume 55, Issue 3, November 2010, Pages 1346-1356, doi: 10.1016/j.compedu.2010.06.005.
505. Virtual operation of motor based on the virtual reality technology, Tao, G., Zhang, X., Zhang, Q., *Proceedings - 2010 2nd International Conference on Intelligent Human-Machine Systems and Cybernetics, IHMSC 2010*, Volume 2, 2010, Article number 5591129, pp 37-40
506. The virtual campus based on VRML, Tian, Y.-L., Yang, Y., *Wuhan Ligong Daxue Xuebao/Journal of Wuhan University of Technology*, Volume 32, Issue 21, 15 November 2010, pp 127-130
507. Work in progress : A communications-enabled collaboration platform, Buford, J., Dhara, K., Krishnaswamy, V., Wu, X., Kolberg, M., *Proceedings of IPTComm 2010 - Principles, Systems and Applications of IP Telecommunications 2010*, pp 155-163
508. A communications-enabled collaboration platform: work in progress, John F. Buford, Krishna Kishore Dhara, Venky Krishnaswamy, Xiaotao Wu, Mario Kolberg, 2010, DOI: 10.1145/1941530.1941552

88. "Web Page Fragmentation for Personalized Portal Construction", C. Bouras, V. Kapoulas, I. Misedakis, IEEE International Conference on Information Technology: Coding and Computing - ITCC 2004 (Web/IR Track), The Orleans, Las Vegas, Nevada, USA, April 5 - 7, 2004, pp. 332 – 336

509. An intelligent web portal system for web information integration, Ho J., Tsai C., Liang T., Yang C., *IEEE International Conference on Systems, Man and Cybernetics*, 2005, pp. 3878 – 3883
510. An intelligent web portal system for web information integration, Ho J., Tsai C., Liang T., Yang C., *Journal of Internet Technology*, Vol. 7, Issue 1, January 2006, pp. 119 – 128
511. Information usage system by static portal page, Odagiri, K., Tadauchi, M., Yaegashi, R., Ishii, N., 2007, *Proceedings - SNPD 2007: Eighth ACIS International Conference on Software Engineering, Artificial Intelligence, Networking, and Parallel/Distributed Computing 1*, art. no. 4287613, pp. 805-811
512. Practical DACSWeb Service for User's Free Portal Page Creation, Kazuya Odagiri, Rihito Yaegashi, Masaharu Tadauchi, Naohiro Ishii, *IEEE International Conference on Web Services (ICWS 2007)*, pp.952-959
513. Basic Portal System with the Function of Communication Control for Each User, Kazuya Odagiri, Rihito Yaegashi, Masaharu Tadauchi, Naohiro Ishii, *Journal of Convergence Information Technology - JCIT* , vol. 3, no. 1, pp. 22-30, 2008
514. A Portal System and its application based on dacs web service, Kazuya Odagiri, naohiro Ishii, Rihito Yaegashi, Masaharu Tadauchi,

- 89. "Web page fragmentation and content manipulation for constructing personalized portals", The Sixth Asia Pasific Web Conference (APWeb '04), Hangshou, China, I. Misedakis, V. Kapoulas, C. Bouras, 14 - 17 April 2004, pp. 744 - 754**

515.FRACS: A Hybrid Fragmentation-Based CDN for E-commerce Applications, I Chabbouh, M Makpangou, In USENIX Annual Technical Conference (2007)

- 90. "Providing and verifying advanced IP services in hierarchical DiffServ networks – the case of GEANT", A. Liakopoulos, B. Maglaris, C. Bouras, A. Sevasti, International Journal of Communication Systems, Wiley InterScience, Volume 17, Issue 4, May 2004, pp. 321 – 336**

516.Alternatives for in – service BER estimation in all – optical networks; towards minimum intrusion, C. Pinart, Journal of Computers, Academy Publisher, Vol. 2, No. 3, May 2007, pp. 56 – 63

- 91. "Predictive Prefetching on the Web and its Potential Impact in the Wide Area", C. Bouras, A. Konidaris, D. Kostoulas, World Wide Web Journal: Internet and Web Information Systems, Kluwer Academic Publishers, Vol. 7, Issue 2, June 2004, pp. 143 – 179**

517.How current web generation affects prediction algorithms performance, J.Domènech, J. Sahuquillo, A. Pont, and J. A.Gil, Proceedings of the IEEE International Conference on software, Telecommunications and Computer Networks, Split, Croatia. 2005

518.Design Keys to Adapt Web Prefetching Algorithms to Environment Conditions, J. Domenech, J. Sahuquillo, A. Pont, J. Gil, 1st. International Conference on Communication System and Software and Middleware (COMSWARE 2006), New Delhi, India, 2006

519.Web prefetching performance metrics: A survey J.Domènech, J. A.Gil, J. Sahuquillo and A. Pont, Performance Evaluation Journal, Volume 63, Issue 9 – 10, October 2006, pp. 988 – 1004

520.A Comparative Study of Web Prefetching Techniques Focusing on User's Perspective, J. Domenech , A. Pont , J. Sahuquillo , J.A Gil, IFIP International Conference on Network and Parallel Computing (NPC 2006)

521.A predictive model for web prefetching, K. Gao, Y. Wang, Z. Wang, Journal of Computer Information Systems, 46, (4), pp. 1 – 7

522.Cost – benefit analysis of web prefetching algorithms from the user's point of view, J. Domenech, A. Pont, J. Sahuquillo, A. Gil, LNCS 3976, pp. 1113 – 1118

523. The Impact of the Web Prefetching Architecture on the Limits of Reducing User's Perceived Latency, J. Domenech, J. Sahuquillo, J. Gil, A. Pont, 2006 IEEE/WIC/ACM International Conference on Web Intelligence, pp. 740 – 744
524. DDG: An Efficient prefetching algorithm for current web generation, Domènech, J., Gil, J.A., Sahuquillo, J., Pont, A., 2006 1st IEEE Workshop on Hot Topics in Web Systems and Technologies, HotWeb, art. no. 4178377
525. A Matrix Algorithm for Web Cache Prefetching, W. Feng, H. Chen, 2006 IEEE/WIC/ACM International Conference on Web Intelligence, pp. 788 – 794
526. Delfos: The Oracle to Predict Next Web User's Accesses, B. de la Ossa, J. Gil, J. Sahuquillo, A. Pont, 21st International Conference on Advanced Networking and Applications (AINA '07), pp. 679 – 686
527. A user-focused evaluation of web prefetching algorithms, J. Domenech, J. Sahuquillo, J. Gil, A. Pont, Computer Communications Journal, Volume 30, Issue 10, 31 July 2007, pp 2213-2224
528. Machine Learning Prediction and Web Access Modeling, F. Wenyang, V. Karan, 31st Annual International Computer Software and Applications Conference, 2007. COMPSAC 2007 - Vol. 2. pp 607 - 612
529. Centralized Web Proxy Services: Security and Privacy Considerations, Guy-V. Jourdan, IEEE Internet Computing, vol. 11, no. 6, 2007, pp. 46 - 52.
530. Web prefetch performance evaluation in a real environment, De La Ossa, B. Gil, J.A., Pont, A., Sahuquillo, J., 4th International Latin American Networking Conference, LANC 2007, pp 65-74
531. Integrating recommendation models for improved web page prediction accuracy, F Khalil, H Wang, J Li, 2007
532. Guidelines for Evaluating and Adapting Web Prefetching Techniques, J Domenech, A Pont, JA Gil, J Sahuquillo. Available at: http://www.gii.upv.es/web_architecture/download/paper-20061031130210-apont.pdf
533. A PPM Prediction Model Based on Stochastic Gradient Descent for Web Prefetching, Z Ban, Z Gu, Y Jin, 2008, 22nd International Conference on Advanced Information Networking and Applications (AINA 2008) pp. 166-173
534. Selection of Training Period Based on Two-Window, Z Ban, Z Gu, Y Jin, 2008, 10th International Conference on Advanced Communication Technology, ICACT 2008, pp. 2043-2047
535. A Web caching and prefetching simulator, Márquez, J., Domènech, J., Gil, J.A., Pont, A., SoftCom 2008: 16th International Conference on Software, Telecommunications and Computer Networks, 2008, pp. 346 – 350

536. Comparison of proposed PPMM with other PPM methods for link completion problem, Chaiwanarom, P., Lursinsap, C., Proceedings - 2008 International Conference on Advanced Computer Theory and Engineering, ICACTE 2008, Article number 4736978, pp 341-345
537. Web cache prefetching by multi-dimensional matrix, Feng, W., Vij, K., Proceedings of the 2008 Advanced Software Engineering and its Applications, ASE 2008, Article number 4721358, pp 265-270
538. Link completion using prediction by partial matching, Chaiwanarom, P., Lursinsap, C., 2008 International Symposium on Communications and Information Technologies, ISCIT 2008, Article number 4700278, pp 675-680
539. Exploring the benefits of caching and prefetching in the Mobile Web, J.M Márquez , J. Domenech , J.A Gil , A. Pont, Second IFIP Symposium on Wireless Communications and Information Technology for Developing Countries (WCITD 2008)
540. Sliding window-based adaptive web prediction modeling, Ban, Z.-J., Gu, Z.-M., Jin, Y., Dianzi Keji Daxue Xuebao/Journal of the University of Electronic Science and Technology of China Volume 38, Issue 2, March 2009, pp 249-252
541. Peer assisted video streaming with supply-demand-based cache optimization, Kozat, U.C., Harmanci, Ö., Kanumuri, S., Demircin, M.U., Civanlar, M.R., IEEE Transactions on Multimedia Volume 11, Issue 3, April 2009, Article number 4783081, pp 494-508
542. A prefetching strategy based on LMS rule, Ban, Z., Jin, Y., Wuhan Daxue Xuebao (Xinxi Kexue Ban)/ Geomatics and Information Science of Wuhan University, Volume 34, Issue 8, August 2009, pp 1004-1007
543. Adaptive prefetching scheme using web log mining in Cluster-based web systems, Lee, H.K., An, B.S., Kim, E.J., 2009 IEEE International Conference on Web Services, ICWS 2009, Article number 5175912, pp 903-910
544. An integrated model for next page access prediction, F. Khalil, J. Li, H. Wang, International Journal of Knowledge and Web Intelligence, Volume 1, Number 1-2 / 2009, pp 48 - 80
545. Fluxo: A system for Internet service programming by non-expert developers, Kiciman, E., Livshits, B., Musuvathi, M., Webb, K., Proceedings of the 1st ACM Symposium on Cloud Computing, SoCC '10, 2010, pp 107-118
546. Creating an Efficient Prefetching Mechanism by Leveraging Rule Based Agents, Jyoti, A. K. Sharma, Amit Goel, International Journal of Computer Science & Emerging Technologies (E-ISSN: 2044-6004), Volume 1, Issue 4, December 2010
547. Using current web page structure to improve prefetching performance, Domenech, J. , Gil, J.A. , Sahuquillo, J. , Pont, A., Computer Networks Volume 54, Issue 9, 2010, pp 1404-1417

548. Evaluation, Analysis and Adaptation of Web Prefetching Techniques in Current Web, Josep Domènech, Ana Pont-Sanjuán, Julio Sahuquillo and José A. Gil, *Web-based Support Systems, Advanced Information and Knowledge Processing*, 2010, 2, 239-271, DOI: 10.1007/978-1-84882-628-1_12
549. Decision Method of Training Data for Web Prefetching, Zhijie Ban, Feilong Bao, *Proceedings of the Sixth International Conference on Internet and Web Applications and Services (ICIW 2011)*, 20-25 March 2011 - St. Maarten, The Netherlands Antilles
550. Efficient Web Logs Stair-Case Technique to Improve Hit Ratios of Caching, Khushboo Hemnani, Dushyant Chawda and Bhupendra Verma, *Advanced Computing, Communications in Computer and Information Science*, 2011, Volume 133, Part 2, pp 173-182, DOI: 10.1007/978-3-642-17881-8_17
551. On Wide Area Network Optimization, Zhang, Y., Ansari, N., Wu, M., Yu, H., *Communications Surveys & Tutorials, IEEE*, Issue:99, pp. 1 – 24
552. Graph based Prediction Model to Improve Web Prefetching, P.Venketesh, R.Venkatesan, *International Journal of Computer Applications (0975 – 8887)*, Volume 36– No.10, December 2011
553. Key factors in web latency savings in an experimental prefetching system, Bernardo A. de la Ossa, Julio Sahuquillo, Ana Pont and Jose A. Gil, *Journal of Intelligent Information Systems*, Springer, DOI: 10.1007/s10844-011-0188-x
554. Enhancing Web Services Using Predictive Caching, C. Umapathi, M. Aramuthan, and K. Raja, *International Journal of Research and Reviews in Information Sciences (IJRRIS)*, Vol. 1, No. 3, September 2011, ISSN: 2046-6439

92. "Fast and Efficient IP Handover in IEEE 802.11 Wireless LANs", I. Samprakou, C. Bouras, T. Karoubalis, The 2004 International Conference on Wireless Networks (ICWN'04), Las Vegas, Nevada, USA, June 21 – 24, 2004, pp. 249 – 255

555. Inter – subnetwork handover in IEEE 802.11 legacy networks using secure L2 masquerading, A. Sayegh, D. Todd, D. Zhao, *23rd Biennial Symposium on Communications*, 2006, pp. 231 – 235
556. Low-Latency Mobile IP Handover Based on Active-Scan Link Layer Assisted FMIPv6, C Hsia, CR Lin, *Lecture Notes in Computer Science*, pp. 165-173
557. An Experimental Analysis of the Mobile IPv6 Handover Latency Components, V. Vassiliou, and Z. Zinonos, *In Proc. of the 1st ERCIM Workshop on eMobility (in conjunction with WWIC2007)*.
558. A reference architecture for micro-mobility support in IP networks, Prado, R., Zagari, E., Badan, T., Cardozo, E., Magalhães, M., Carrilho, J., Pinto, R., (...), Westberg, L., 2008, *Proceedings - IEEE Symposium on Computers and Communications*, art. no. 4625634, pp. 624-630

559. BASH: A backbone-aided seamless handoff scheme for wireless mesh networks, 2008, Yan, H., Perkins, D., 2008 IEEE International Symposium on A World of Wireless, Mobile and Multimedia Networks, WoWMoM2008, art. no. 4594850
560. An Analysis of the Handover Latency Components in Mobile IPv6, Vasos Vassiliou, Zinon Zinonos, Journal of Internet Engineering, Vol 3, No 1 (2009)
561. A Robust seamless handover scheme for the support of multimedia services in heterogeneous emerging wireless networks, Oh, H., Yoo, K., Na, J., Kim, C.-K., Wireless Personal Communications Volume 52, Issue 3, February 2010, pp 593-613

93. "Quality of Service aspects in an IPv6 domain", C. Bouras, A. Gkamas, D. Primpas, K. Stamos, 2004 International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS' 04), San Jose, California, USA, July 25 – 29, 2004, pp. 238 – 245

562. QoS for IPv4 and IPv6, Mícheál Ó Foghlú', Telecommunications Software & Systems Group (TSSG), Waterford Institute of Technology and Irish National IPv6 Centre
563. Triple Play Service Simulation and Packet Scheduling Performance Evaluation, G. Sotiropoulos, D. Styliaras, E. Kosmatos, C. Papagianni, N. Tselikas, I. Venieris, International Conference on Digital Telecommunications 2006
564. A Proposed Model for Policy-Based Routing Rules in the IPv6 Offering QoS for IPTV Broadcasting, A Proposed Model for Policy-Based Routing Rules in the IPv6 Offering QoS for IPTV Broadcasting, 2008, IJCSNS International Journal of Computer Science and Network Security, VOL.8 No.3, March 2008, pp. 163-173
565. Performance Evaluation of the PBR and QoS Control Routing for Multi-Channel Adaptive Streaming (PQMAS) Model, MA Al-Madi, R Idrus, A Osman, R Budiarto, IJCSNS International Journal of Computer Science and Network Security, VOL.8 No.4, April 2008, pp. 85-93
566. Quality of service over IPV6 and IPV4, Parra, O.J.S., Rios, A.P., Rubio, G.L., 7th International Conference on Wireless Communications, Networking and Mobile Computing, WiCOM 2011, Article number 6040165
567. ACM International Conference Proceeding Series, Salcedo Parra, O.J., Rios, A.P., Rubio, G.L., 2011, Pages 463-466, 13th International Conference on Information Integration and Web-Based Applications and Services, iiWAS2011; Ho Chi Minh City, 5 December 2011 through 7 December 2011; Code 88513

94. "A Web – based Tool for Building and Accessing Learning Objects and Online Courses", C. Bouras, M. Nani, 4th IEEE International Conference on Advanced

Learning Technologies, Joensuu, Finland, August 30 – September 1, 2004, pp. 645 - 647

- 568. Masterfulness definition model: A model to identify specific skill of learners based on standard learning road map, P. Wannurak, C. Boonmee, 2005 IEEE International Conference on Information Reuse and Integration, 2005, pp. 476 - 480
- 569. Enriching a pedagogical model for the implementation of a virtual training environment, M. Mimirinis, A. Dafoulas, 5th IEEE ICALT, 2005, pp. 419 - 420
- 570. Custom E-learning experiences: Working with profiles for multiple content sources access and adaptation, Ferretti, S., Roccetti, M., Salomoni, P., Mirri, S., Journal of Access Services Volume 6, Issue 1-2, 2009, pp 174-192

95. "An Adaptive Admission Control Algorithm for Bandwidth Brokers", C. Bouras, K. Stamos, 3rd IEEE International Symposium on Network Computing and Applications (IEEE NCA04), Cambridge, MA, USA, August 30 - September 2004, pp. 243-250

- 571. Bandwidth Brokers and Managers, M. Giertych R. Krzywania, A. Sevasti, D. Primpas, GÉANT2 project, activity JRA3: "Bandwidth on Demand", 19.11.2004
- 572. Weighted fair adaptive admission control algorithm in broadband wireless access network, Wang Xingjian Hu Aiqun Guan Yanfeng, Journal of Southeast University (Natural Science Edition), 2006 Vol.36 No.4 P.499-503
- 573. An enhanced allocation resource mechanism for diffserv domains using bandwidth broker, L Reis, PR Guardieiro, 2006, International Telecommunications Symposium 2006, pp. 334-339
- 574. PoQBA: A New Path Admission Control for Diffserv Networks, Enrique Pena, Miguel Rios, Christian Oberli, Vladimir Marianov, Network-Based Information Systems First International Conference, NBiS 2007, Regensburg, Germany, September 3-7, 2007, pp. 435 – 445
- 575. An Analytical Model for a Book-Ahead Bandwidth Scheduler, X Zhu, ME McGinley, T Li, M Veeraraghavan, 2007, Global Telecommunications Conference GLOBECOM '07. IEEE pp. 2280-2285
- 576. Analysis of Individual Flows Performance for Delay Sensitive Applications, Ricardo Nabhen, Edgard Jamhour, Manoel C. Penna and Mauro Fonseca, Proceedings of IFIP 19th World Computer Congress, TC-6, 5th IFIP International Conference on Network Control and Engineering for QoS, Security and Mobility, August 20–25, 2006, Santiago, Chile, Springer Boston, Volume 213/2006, pp. 143-156
- 577. A Study of Bandwidth-sharing Mechanisms in Connection-oriented Networks, [Xiangfei Zhu](#), May 2008

578. Research and simulation of improved diffserv network, Lin, N., Guan, X.-M., Song, L.-X., Proceedings - 5th International Conference on Wireless Communications, Networking and Mobile Computing, WiCOM 2009, Article number 5301863
579. Solution to implement DiffServ in IPv6 over MPLS network, Yue Hong-Chao, Wang Wen-Dong, Gong Xiang-Yang, Que Xi-Rong, Jiao Li, Computer Engineering and Applications, Vol. 45, no. 11, pp. 132-136. 11 Apr. 2009
580. Edge-based distributed admission control for multicast network. Yang, Q., Saadawi, T., Abdelal, A., Patel, M., 6th Euro NF Conference on Next Generation Internet, NGI 2010 - Proceedings 2010, Article number 5534473 Bandwidth broker, Sohail, S., Recent Patents on Computer Science, Volume 4, Issue 2, May 2011, pp 127-133
581. Bandwidth broker, Sohail, S., Recent Patents on Computer Science, Volume 4, Issue 2, May 2011, pp 127-133
582. On utilization efficiency of backbone bandwidth for a heterogeneous wireless network operator, Leu, J.-S., Lin, C.-K., Wireless Networks, Volume 17, Issue 7, October 2011, pp 1595-1604

96. "EVE – II: An Integrated Platform for Networked Virtual Environments", C. Bouras, A. Panagopoulos, N. Theoxaris, T. Tsiatsos, The Tenth International Conference on Distributed Multimedia Systems – DMS'2004, San Francisco, USA, September 8 – 10, 2004, pp. 81 - 85

583. A distance learning system with customizable screen layouts for multiple learning situations, Nagataki, H., Noguchi, K., Katsuma, R., Yamauchi, Y., Shibata, N., Yasumoto, K., Ito, M., CSEDU 2011 - Proceedings of the 3rd International Conference on Computer Supported Education, Volume 1, 2011, pp 94-102

97. "Performance Evaluation of UMTS for Mobile Internet Access", A. Alexiou, C. Bouras, V. Igglesis, 12th Annual Meeting of the IEEE/ACM International Symposium on Modeling, Analysis and Simulation of Computer and Telecommunication Systems (MASCOTS 2004), Volendam, The Netherlands, October 5 – 7, 2004, pp. 1 – 4

584. UMTS Integration with Satellite Component Design, Protocol Architecture and Performance Analysis, N. Zangar, M. abdennebi, S. Tohme, S. Tabbane, 12th IEEE International Conference on Electronics, Circuits and Systems, ICECS'05, Gammarth (Tunisie), 11-14 Décembre 2005
585. A Model for Assured Software Download on Mobile Terminals, Sabetghadam, S.; Niamanesh, M.; Esmaeili, J.; Communications and Mobile Computing, 2009. CMC '09. WRI International Conference on Volume 2, 6-8 Jan. 2009 pp(s):432 - 436

- 98. "An optimized handoff scheme for IP mobility support in IEEE 802.11 WLANs", I. Samprakou, C. Bouras, T. Karoubalis, 7th ACM International Symposium on Modeling, Analysis and Simulation of Wireless and Mobile Systems (MSWiM 2004), Venice, Italy, October 4 – 6, 2004, pp. 99 – 108**

586.Trust - based Fast Authentication for Multi – owner Wireless Networks, J. Hassan, H. Sirisena, B. Landfeldt, IEEE Transactions on Mobile Computing, Vol. 7, Issue 2, February 2008, pp. 24447 - 261

- 99. "Monitoring and Analyzing Performance of Networked Virtual Environments: the case of EVE", C. Bouras, E. Giannaka, 8th IEEE International Symposium on Distributed Simulation and Real Time Applications, Budapest, Hungary, October 21 – 23, 2004, pp. 218 - 221**

587.Understanding performance metrics and their collection in dynamic virtual machines, Maciej Młyński, Theoretical and Applied Informatics, 2010, pp 115-130

- 100. "Pricing QoS over transport networks", Internet Research: Electronic Networking, Applications and Policy, Emerald, Volume 14, Number 2, C. Bouras, A. Sevasti, 2004, pp. 167 - 174**

588.Charging Models in DiffServ Networks, M Eichenberger, T Abdul, V Saycocie, Internet Economics II, Chapter 10

589.Study on the bandwidth allocation scheme for ADSL access network with multi-class traffics, W Gang,

590.The notion of cost and quality in packet switched networks: An abstract approach, Wang, L., Verma, P.K., 2009 IEEE International Workshop Technical Committee on Communications Quality and Reliability, CQR 2009, Article number 5137354

591.Stability analysis on equilibrium of resource allocation game in WDM based hybrid optical network, Wang, G., Liu, Y.-M., Xiong, G., Guangdianzi Jiguang/Journal of Optoelectronics Laser, Volume 21, Issue SUPPL., December 2010, pp 143-146

592.An application of game theory for the selection of traffic routing method in interconnected NGN, Kostić-Ljubisavljević, A., Radonjić, V., Mladenović, S., Aćimović-Raspopović, V., Communications in Computer and Information Science, Volume 189 CCIS, Issue PART 2, 2011, pp 107-122

593.Competitive pricing using Cournot game in Next Generation Networks, Radonjić, V., Aćimović-Raspopović, V., Kostić-Ljubisavljević, A., Mladenović, S., Proceedings of Papers 2011 10th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, TELSIXS 2011, Article number 6112056, pp 297-300

- 101. "Performance Evaluation of TCP over UMTS Transport Channels", A. Alexiou, C. Bouras, V. Igglesis, 7th International Symposium on Communications**

Interworking – INTERWORKING 2004, Ottawa, Canada, November 29 – December 1, 2004

594. New Reno and SACK TCP implemented in UMTS networks: A performance analysis, J. P. van den Burg, 2nd Twente Student Conference on IT, Enschede 21 January, The Netherlands, 2005
595. Design and Implementation of a BAN handover mechanism for M-Health Services, Master degree Thesis, Jan-Willem Brokamp, Department of Computer Science, University of Twente, The Netherlands, 2005.
596. Performance of Different TCP Versions over UMTS Common/Dedicated channels, Master degree Thesis, Xavier Dubois, University of Namur, Belgium, 2005
597. Architecture and evaluation of a unified V2V and V2I communication system based on cellular networks, J. Santa, A. Gomez, Computer Communications, Elsevier (in press)
598. A novel vehicle communication paradigm based on cellular networks for improving the safety in roads, J. Santa, R. Toledo-Moreo, A. Gomez-Skarmeta, International Journal of Intelligent Information and Database Systems, Wiley InterScience, 2008, vol. 2, no. 2, pp. 240-257
599. Experimental Evaluation of a Novel Vehicular Communication Paradigm Based on Cellular Networks, J. Santa, A. Moragon, A. Skarmeta, 2008 IEEE Intelligent Vehicles Symposium (IV 2008), Eindhoven, the Netherlands, June 4 - 6, 2008, pp. 198-203
600. Potentials of cellular networks in vehicular communications, J. Santa, A. H. Gómez-Skarmeta, 2008 World Congress on ITS. Nueva York, USA.
601. On the Design of efficient Vehicular Applications, Y. Khaled, M. Tsukada, J. Santa, T. Ernst, 2009 IEEE 69th Vehicular Technology Conference – VTC 2009 Spring, Barcelona, Spain, 26 – 29, April 2009, Article number 5073727
602. A usage oriented analysis of vehicular networks: from technologies to applications, Yacine Khaled, Manabu Tsukada, José Santa, JinHyeock Choia and Thierry Ernst, JOURNAL OF COMMUNICATIONS, ACADEMY PUBLISHER, VOL. 4, NO. 5, JUNE 2009, pp. 357 – 386
603. Dynamic Buffer Management for Multimedia QoS in Beyond 3G Wireless Networks Suleiman, Y. Yerima and Khalid Al-Begain, IAENG International Journal of Computer Science, 36:4, 2009
604. Analytical TCP throughput model for high-speed downlink packet access, Bodrog, L, Horváth, G., Vulkán, C., Journal of IET Software Volume 3, Issue 6, 2009, pp 480-494
605. An analysis of communication and navigation issues in collision avoidance support systems,, José Santa, Rafael Toledo-Moreo, Miguel A. Zamora-Izquierdo, Benito Úbeda , Antonio F. Gómez-Skarmeta, Elsevier Science, Transportation Research Part C: Emerging Technologies, Volume 18, Issue 3, June 2010, pp.351-366

606. Priority-Based Vehicle-to-Infrastructure Communication (PV2I) in UMTS, Al Azri, A., Chilamkurti, N., 6th International Symposium on Wireless and Pervasive Computing (ISWPC), 2011, pp. 1-8

102. "Performance Evaluation of the impact of Quality of Service mechanisms in an IPv6 network for IPv6 – capable real time applications", C. Bouras, A. Gkamas, D. Primpas, K. Stamos, Journal of Network and Systems Management, Kluwer Academic Publishers, Volume 12, Issue 4, December 2004, pp. 463 - 483

607. A SIP-enabled multimedia service framework for CERNET2, Chen, Q., Shen, J., 2005, Proceedings - Fifth International Conference on Computer and Information Technology, CIT 2005, art. no. 1562788, pp. 996-1001

608. QoS provisioning for real time services on DiffServ aware IPv6 optical network using IXP-2400 intel network, Saleem, K., Faisal, N.Bt., Ahmad Zabidi, M.M.B., 2008, 5th IEEE and IFIP International Conference on Wireless and Optical Communications Networks, WOCN 2008, art. no. 4542489

609. Performance evaluation between IPv4 and IPv6 on MPLS Linux platform, Yunos, R., Noor, H.M., Ahmad, S.A., Proceedings - 2010 International Conference on Information Retrieval and Knowledge Management: Exploring the Invisible World, CAMP'10 2010, Article number 5466916, pp 204-208

103. "The Virtual Radiopharmacy Laboratory: A 3D Simulation for Distance Learning", A. Alexiou, C. Bouras, E. Giannaka, V. Kapoulas, M. Nani, Th. Tsiatsos, Journal of Educational Multimedia and Hypermedia – JEMH, AACE, Vol. 13, Issue 3, 2004, pp. 307 – 322

610. Animating the Invisible World of Bacteria, Shelley M. Underbrink, Campus Technology Summer Conference 2006, July 31 – August 3, 2006, Boston, USA

611. Virtual Mechatronic/Robotic laboratory e A step further in distance learning, Veljko Potkonjak,, Mimir Vukobratovi, Kosta Jovanovi, Miroslav Medenica, Computers and Education, Volume 55, Issue 2, September 2010, pp 465-475

612. A distance learning system with customizable screen layouts for multiple learning situations, Nagataki, H., Noguchi, K., Katsuma, R., Yamauchi, Y., Shibata, N., Yasumoto, K., Ito, M., CSEDU 2011 - Proceedings of the 3rd International Conference on Computer Supported Education Volume 1, 2011, pp 94-102

104. "SLA – based QoS pricing in DiffServ networks", C. Bouras, A. Sevasti, Computer Communications Journal, Special Issue, Performance and Control of Next Generation Communications Networks, Edited by F. Huebner and R. D. van der Mei, Elsevier Science, Volume 27, Issue 18, December 2004, pp. 1868 - 1880

613. Pricing of Risk for Loss Guaranteed Intra-domain Internet Service Contracts, A. Gupta, S. Kalyanaraman, L. Zhang, *Computer Networks Journal*, Volume 50, Issue 15, October 2006, pp. 2787 – 2804
614. Practices and problems in managing electronic services using SLA, P. Fitsilis, *Information Management and Computer Security*, Volume 14, Issue 2, 2006, pp. 185 – 195
615. Quality of Service Negotiation in Next Generation Networks, VS Acimovic-Raspopovic, MD Stojanovic, DB Teodorovic, 8th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, 2007. TELSIXS 2007, pp. 77-86
616. Optimal Provisioning of Elastic Service Availability, D. Xu, Y. Li, M. Chiang, A. Calderbank, *IEEE INFOCOM 2007*, pp. 1505 – 1513
617. The Use of Customer Relationship Management In Resource Allocation The Case of Cellular Networks, Işıklar, Y. Kastro and A. Bener, *ICC&IE 2007*, Alexandria, Egypt, October 20-23, 2007
618. Resource allocation in cellular networks based on marketing preferences, Y Kastro, G Işıklar, AB Bener, 2008, *Journal of Wireless Networks*, pp. 1-12.
619. Elastic service availability: utility framework and optimal provisioning, Dahai Xu, Ying Li; Mung Chiang; Calderbank, A.; *IEEE Journal on Selected Areas in Communications*, Aug. 2008, Volume: 26, Issue:6, pp 55 - 65
620. A new bandwidth allocation strategy in GEO satellite networks and pricing the differentiated services, Isjklar, G., Bener, A.B., Alagöz, F., 2006, *IEEE International Conference on Communications 4*, art. no. 4024423, pp. 1855-1860
621. Time and volume based optimal pricing strategies for telecommunication networks, Berna Tektas, Nihat Kasap, 17th International Conference on Management of Technology (IAMOT 2008), Dubai, UAE
622. Qos Supported Networks, Scheduling, and Pricing; Theory and Applications, J. Joutsensalo, T. Hamalainen, A. Sayenko,, Book, University of Jyvaskyla, 2008, 214 pages.
623. Resource allocation in cellular networks based on marketing preferences, Yomi Kastro, Gulfem Isiklar, Ayse Basar Bener, *Wireless Networks Springer Verlag*, 2010, Vol. 26, No 27, pp. 27 – 30
624. Customer oriented resource allocation framework in cognitive radio, Alptekin, G.I., Bener, A.B., *Computers and Industrial Engineering* , Volume 58, Issue 3, April 2010, pp 401-410
625. The effects of qos level degradation cost on provider selection and task allocation model in telecommunication networks, Hasan Huseyin TURAN, Nihat KASAP, Berna Tektas SIVRIKAYA, *International Journal Of Social Sciences And Humanity Studies*, 2 (1). December 2010, pp. 45-53. ISSN 1309-8063 (Online)

626. Network neutrality and the evolution of the internet, G. Knieps, International Journal of Management and Network Economics, pp. 24-38

105. "Performance Evaluation of the impact of Quality of Service mechanisms in an IPv6 network for IPv6 – capable real time applications", C. Bouras, A. Gkamas, D. Primpas, K. Stamos, Journal of Network and Systems Management, Kluwer Academic Publishers, Volume 12, Issue 4, December 2004, pp. 463 – 483

627. A SIP – enabled multimedia service framework for CERNET2, Qiu Chen, Jun Shen, The Fifth International Conference on Computer and Information Technology, CIT 2005, 21 – 23 September 2005, pp. 996 – 1001

628. <http://rd.ipv6.org.tw/Project/2005/IETF/ietf200504.doc>

629. Bilateral Haptic Guided Robot Teleoperation Via Packet Switched Networks Using Wave Variables with Impedance Adaptation, EMMANUEL NUÑO and LUIS BASAÑEZ, Congress communication 2006, ISBN: 8476538855

630. HAPTIC GUIDANCE WITH FORCE FEEDBACK TO ASSIST TELEOPERATION SYSTEMS VIA HIGH SPEED NETWORKS, Emmanuel Nuño Luis Basañez, Congress communication 2006, ISBN: 3180919566

631. QoS provisioning for real time services on DiffServ aware IPv6 optical network using IXP-2400 Intel Network, Saleem, K. Fisal, N.B. Zabidi, M.M.B., 5th IFIP International Conference on Wireless and Optical Communications Networks, 2008. WOCN '08, pp. 1-5

632. Utilizing IXP-2400 to Provision QoS for Real Time Services on IPv6 DiffServ Network, Saleem, Kashif, and Norshiela Fisal, and Muhammad Mun'im B Ahmad Zabidi, (2008), ElektriKA Journal of Electrical Engineering, 10 (1). pp. 49-53. ISSN 01284428

633. Bilateral haptic guided Robot teleoperation via packet switched networks using wave variables with impedance adaptation, Nuño Ortega, Emmanuel, Basañez, Luis, Universitat Politècnica de Catalunya. Institut d'Organització i Control de Sistemes Industrials, Sense grup de recerca, <http://hdl.handle.net/2117/1278>

634. Performance evaluation between IPv4 and IPv6 on MPLS Linux platform, Yunos, R., Noor, H.M., Ahmad, S.A., Proceedings - 2010 International Conference on Information Retrieval and Knowledge Management: Exploring the Invisible World, CAMP'10, Article number 5466916, pp 204-208

106. "Design and implementation of a Bandwidth Broker in a simulation environment", C. Bouras, D. Primpas, K. Stamos, N. Stathis, 7th International Symposium on Communications Interworking - INTERWORKING 2004, Ottawa, Canada, November 29 - December 1 2004

635. MPLS Core Network for an Interworked NGN Providing QoS, S.M.A. Salehin, H.A. Chan, N. Ventura, Proceedings of 14th IEEE International Conference on Networks, 2006 (ICON '06), Vol.1, pp. 1-6, September 2006
- 107. "A Web based Virtual Community: Functionality and Architecture Issues", C. Bouras, V. Igglesis, V. Kapoulas, T. Tsiatsos, IADIS International Conference – Web Based Communities 2004, Lisbon, Portugal, March 23 – 26, 2004, pp. 59 – 66**
636. Knowledge Trading Environment using Virtual Money for Livelye-Community. Hiroyuki Mitsuhashi, Akihiro Kitamura, Kazuhide Kanenishi, Yoneo Yano. Proceedings of the 5th WSEAS International Conference on E-Activities, Venice, Italy, November 20-22, 2006, pp. 258-265.
637. Community Driven Commerce: Design of an Integrated Framework for SocialShopping. Leitner, P. and Grechenig, T. Proceedings of IADIS International Conference e-Commerce 2007, Algarve, Portugal, pp. 353-356.
638. Customer generated content: Embedding interactive collaboration tools into e-shops, Leitner, P. Grechenig, T., MCCSIS'08 - IADIS Multi Conference on Computer Science and Information Systems; Proceedings e-Commerce 2008, Pages 271-274
639. Collaborative Shopping Networks: Sharing the Wisdom of Crowds in E-Commerce Environments, Peter Leitner and Thomas Grechenig, 21st Bled eConference eCollaboration: Overcoming Boundaries through Multi-Channel Interaction June 15 - 18, 2008; Bled, Slovenia
640. Scalable social software services: Towards a shopping community model based on analyses of established web service components and functions, Leitner, P., Grechenig, T., Proceedings of the 42nd Annual Hawaii International Conference on System Sciences, HICSS 2009, Article number 4755403
- 108. "Game Based Learning Using Web Technologies", C. Bouras, V. Igglesis, V. Kapoulas, I. Misedakis, O. Dziabenko, A. Koubek, M. Pivec, A. Sfri, International Journal of Intelligent Games and Simulation, Volume 3, Number 2, 2004, pp. 67 - 84**
641. Not just fun, but serious strategies: Using meta-cognitive strategies in game-based learning, Kim, B., Park, H., Baek, Y., Computers and Education Volume 52, Issue 4, May 2009, pp 800-810
642. Virtual Parabola festival: The platform design and learning strategies for virtual learning community of practice, Kuo, M.-S., Lin, C.-S., DIGITEL 2010 - The 3rd IEEE International Conference on Digital Game and Intelligent Toy Enhanced Learning, 2010, Article number 5463736, pp 3-9

643. Can game-based therapies be trusted? Is game-based education effective? A systematic review of the Serious Games for health and education, Bartolomé, N.A., Zorrilla, A.M., Zapirain, B.G., Proceedings of CGAMES'2011 USA - 16th International Conference on Computer Games: AI, Animation, Mobile, Interactive Multimedia, Educational and Serious Games 2011, Article number 6000353, pp 275-282
644. Building a learning games network in cloud learning platform based on immigrant education, Tu, C.-C., Chen, A.-P., Proceedings - 2011 International Conference on Advances in Social Networks Analysis and Mining, ASONAM 2011, Article number 5992669, pp 746-750

109. "Architecture and Performance Evaluation for Redundant Multicast Transmission Supporting Adaptive QoS", C. Bouras, A. Gkamas, A. Karaliotas, K. Stamos, Multimedia Tools And Applications, Kluwer Academic Publishers, Vol. 25, No. 1, January 2005, pp. 85 - 110

645. Contrôle de qualité pour les applications temps réel dans les réseaux multicast, De Émilie LAMBERT, Master Thesis http://www.irisa.fr/master/colloque/Colq2005/biblio_lambert.pdf
646. Content – aware adaptive video streaming system, A. Talaat, A. Koutb, M. Kelash, H. Aboelez, ITI 3rd International Conference on Information and Communications Technology, ICICT 2005 – Enabling Technologies for the New Knowledge Society, Vol. 2005, 2005, pp. 265 – 276
647. A framework for configuration and management of resources and components in open distributed multimedia systems, Adilson Barboza Lopes, Universidade Estadual de Campinas, Faculdade de Engenharia Elétrica e de Computação, PhD Thesis, 2006
648. Game theory based fuzzy unicast QoS routing scheme, W. Wang, J. Hou, M. Huang, Wang Q., Chinese Journal of Computers, Vol. 30, Issue 1, January 2007, pp. 10 17
649. Video streaming over the internet with optimal bandwidth resource allocation, H Luo, ML Shyu, SC Chen, 2008, Journal of Multimedia Tools and Applications

110. "Design and Implementation of a Game Based Learning Related Community", I. Antonellis, C. Bouras, V. Kapoulas, V. Pouloupoulos, IADIS International Conference – Web Based Communities 2005, Algarve, Portugal, February 23 – 25, 2005, pp. 215 – 222

650. An Investigation of Learning Style Differences and Attitudes toward Digital Game – based Learning among Mobile Users, C. Chao, 4th IEEE International Workshop on Wireless, Mobile and Ubiquitous Technology in Education, 2006, pp. 29 – 31

111. "A Decision Feedback Scheme for Multimedia Transmission Over 3G Mobile Networks", A. Alexiou, C. Bouras, V. Igglesis, The Second IEEE and IFIP International Conference on Wireless and Optical Communications Networks (WOCN 2005), Dubai, United Arab Emirates – UAE, March 6 – 9, 2005, pp. 357 - 361

651. Technical Communication: Feedback QoS control scheme for wireless network applications, Nong – Kun Chen, Jiann – Liang Chen, Computers and Electrical Engineering, Vol. 33, Issue 3 (May 2007), Pergamon Press

652. Feedback QoS control scheme for wireless network applications, N. Chen, J. Chen, Computers and Electrical Engineering, Elsevier Sciences, 2007

653. Analysis of decision feedback using RTCP for multimedia streaming over 3G, Sivabalakrishnan, M., Manjula, D., 2008, Proceedings of the International Conference on Computer and Communication Engineering 2008, ICCCE08: Global Links for Human Development, art. no. 4580763, pp. 1023-1026

654. Adaptive resource management in multi-service mobile wireless cellular networks, Yi, C., Tingting, H., Sai, W., Ge, G., 2008 International Conference on Wireless Communications, Networking and Mobile Computing, WiCOM 2008, Article number 4678660

655. New resource management strategy for multi-service mobile wireless cellular networks, Chen, Y., Zheng, S., Li, R., Gao, G., 2008 International Conference on Communications, Circuits and Systems Proceedings, ICCAS 2008, Article number 4657743, pp 129-133

656. Quality of experience-driven adaptation scheme for video applications over wireless networks, Khan, A., Sun, L., Jammeh, E., Ifeakor, E., IET Communications, Volume 4, Issue 11, July 2010, Article number ICEOCW000004000011001337000001, pp 1337-1347

112. "SRAMT: A hybrid sender and receiver-based adaptation scheme for TCP friendly multicast transmission", Computer Networks Journal, Elsevier Science, Vol. 47, No. 4, C. Bouras, A. Gkamas, March 2005, pp. 551 - 575

657. QoS Support in Delivering Video data over the Internet, M. Moumen, Master thesis, Computer Engineering Department of Electrical Engineering Faculty of Electrical Engineering, Mathematics and Computer Science Delft University of Technology

658. Hierarchical total utility modeling and solution for large-scale video multicast system, Wang, H., Sha, J.-C., Jiang, Z.-H., Zhang, X., Jisuanji Xuebao/Chinese Journal of Computers 30 (12), pp. 2115-2123

113. "Estimating and Eliminating Redundant Data Transfers Over the Web: A Fragment Based Approach", C. Bouras, A. Konidaris, International Journal of Communication Systems, Wiley InterScience, Vol. 18, Issue 2, March 2005, pp. 119 – 142

659. Enhancing Hyperlink Structure for Improving Web Performance, J. Czyzowicz, E. Kranakis, D. Krizanc, A. Pelc, M. Vargas Martin, *Journal of Web Engineering*. 1(2): 93-127, 2003
660. SPIAR: An architectural style for single page internet applications, A. Mesbah, K. Broenink, A. van Dseurse, Report SEN – R0603, CWI, April 2006
661. An Architectural Style for Ajax, A. Mesbah, A. van Deursen, 6th Working IEEE/IFIP Conference on Software Architecture, 2007
662. A component- and push-based architectural style for ajax applications, A. Mesbah, A. van Deursen, 2008, *Journal of Systems and Software* 81 (12), pp. 2194-2209
663. A dynamic attribute-based data filtering and recovery scheme for web information processing, Ahuja, A., Ng, Y.-K., *Knowledge and Information Systems*, Volume 18, Issue 3, 2009, pp. 263-291

114. "Examining the Benefits of a Hybrid Distributed Architecture for Bandwidth Brokers", C. Bouras, K. Stamos, 1st IEEE International Workshop on Multimedia Systems and Networking (WMSN 2005), Phoenix, Arizona, USA, April 7 - 9 2005, pp. 491 – 498

664. Koncepcja Modelu Do Badania Wydajnosci Domeny IP QoS, Sylwester Kaczmarek, Piotr Zmudzinski, IX Poznanskie Warsztaty Telekomunikacyjne, pp. 188-193 (ISBN 83-912916-4-2), Poznan 8-9 December 2005
665. Analiza ilościowa ruchu sygnalizacyjnego AC w dominie Differentiated Services, Sylwester Kaczmarek, Piotr Zmudzinski, Krajowe Sympozjum Telekomunikacji i Teleinformatyki - KSTiT 2006, Bydgoszcz 2006, 1-11
666. Multiple Routing Configurations (MRC) As A Basis For Resource Allocation In Computer Networks, Johan H. W. Basberg, University of Oslo, Institute for Informatics, Thesis, 2007
667. Simplifying Network Management with Fuzzy Logic, S Sohail, A Khanum, International Conference on Communications Workshops, 2008. ICC Workshops '08. IEEE, pp. 195-201
668. PoQBA: A New Path Admission Control for Diffserv Networks, S Sohail, A Khanum, Communications Workshops, 2008. International Conference on ICC Workshops' 08. IEEE, pp. 195-201
669. Edge-limited scalable QoS flow set-up, James Lembke, Byung Kyu Choi, *Journal of Network and Computer Applications*, Volume 31, Issue 3 (August 2008), pp. 317-337, Academic Press Ltd. London, UK
670. Fuzzy Bandwidth Broker: Machine Learning Based Approach to Resolve Architectural Issues, Shaleeza Sohail, Aasia Khanum, Madiha Sarfraz, Javeria Sana, Umber Iqbal, IEEE International Networking and Communications Conference, 2008 (INCC 2008), 1-3 May 2008 pp 44 – 48

671. A resource management algorithm based on multi-path max-min fairness, Zhang, M., Wu, C., Jiang, M., Yu, J., 2009 1st International Conference on Future Information Networks, ICFIN 2009, Article number 5339590, pp 76-80
672. A centralized resource and admission control scheme for NGN core networks, Cho, I.K., Okamura, K., 2009 International Conference on Information Networking, ICOIN 2009, Article number 4897252
673. Bandwidth broker, Sohail, S., Recent Patents on Computer Science, Volume 4, Issue 2, May 2011, pp 127-133

115. "Fast IP handoff support for VoIP and multimedia applications in 802.11 WLANs", I. Samprakou, C. Bouras, T. Karoubalis, IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks – WoWMoM 2005, Taormina, Italy, 13 – 16 June, 2005, pp. 332 - 337

674. Minimum – cost data delivery in heterogeneous wireless networks, H. Chen, H. Wu, S. Kumar, N. F. Tzeng, IEEE Transactions on Vehicular Technology, Vol. 56, Issue 6I, 2007, pp. 3511 – 3523
675. WiFi architecture for traffic control using MIPv6, RM Daoud, MA El-Dakroury, HH Amer, HM Elsayed, M. El-Soudani, Mediterranean Conference on Control & Automation, 2007. MED '07, pp. 1-5
676. Optimization of 802.11b/g Networks for High Mobility and Dynamic Data Applications, K. Henain, M. Milad, R. Morgan, S. Ramzy, R. Daoud, H. Amer, The 9th International Conference on Telecommunications, Zagreb, Croatia, June 13-15, 2007
677. Trust - based Fast Authentication for Multi – owner Wireless Networks, J. Hassan, H. Sirisena, B. Landfeldt, IEEE Transactions on Mobile Computing, Vol. 7, Issue 2, February 2008, pp. 247 - 261
678. Intelligent Fast Handover Scheme for Mobile IPv6-based Wireless Local Area Networks, Li Jun ZHANG, Liyan Zhang, Samuel Pierre, IJCSNS International Journal of Computer Science and Network Security, VOL.9 No.8, August 2009
679. Achieving seamless handoffs via backhaul support in Wireless Mesh Networks, Yan He and Dmitri Perkins, Telecommunication Systems, DOI: 10.1007/s11235-011-9474-8

116. "Securing a Bandwidth Broker Architecture", C. Bouras, K. Stamos, The 2005 International Conference on Internet Computing (ICOMP'05), Las Vegas, Nevada, USA, June 27-30, 2005, pp. 474 - 480

680. Bandwidth broker, Sohail, S., Recent Patents on Computer Science, Volume 4, Issue 2, May 2011, pp 127-133
681. [Design and implementation of a Secure Bandwidth Broker Discovery Protocol, Okumus, I.T., Cekerekli, S., Computer Standards and Interfaces, Volume 34, Issue 2, February 2012, pp 231-237](#)

117. "Performance of Adaptive Multimedia Transmission: The case of Unicast Technique", C. Bouras, A. Gkamas, 5th International Network Conference – INC 2005, Samos Island, Greece, 5 – 7 July, 2005, pp. 121 - 128

682. A survey of active transmission technique for improve quality of service in multimedia over IP, M.F. Ngatman, J.M.Sharif, Md.A.Ngadi, International Symposium on Information Technology 2008, ITSIm, Vol. 4, 2008

683. Comprehensive Study of Transmission Techniques for Reducing Packet Loss and Delay in Multimedia over IP, Mohd Farhan Ngatman , Md Asri Ngadi , Johan M. Sharif, IJCSNS International Journal of Computer Science and Network Security, VOL.8 No.3, March 2008

684. Real-time-component based software architecture for QoS-adaptive networked multimedia applications, Colmenares, J.A., Kim, K.H. Zhang, Z, Lim, C., Rim, K.-W., ISORC 2010 - 2010 13th IEEE International Symposium on Object/Component/Service-Oriented Real-Time Distributed Computing, Volume 1, 2010, Article number 5479563, pp 133-142

118. "Designing Virtual Spaces to Support Learning Communities and e - Collaboration", C. Bouras, E. Giannaka, T. Tsiatsos, 5th IEEE International Conference on Advanced Learning Technologies, Koahsiung, Taiwan, July 5 – 8, 2005, pp. 328 - 332

685. Towards an agent – based robust collaborative environment for e – learning in the service grid, C. Huang, F. Xu, X. Xu, X. Zheng, Volume 4088 LNAI, 2006, pp. 702 – 707

686. Blogs–Collaborative Learning for the Next Generation, R Birney, M Barry, Available at: http://eprints.wit.ie/895/1/ALT-C_Paper.pdf

687. Weblogs: Supporting the creation of learning networks in the technology classroom, Rosanne Birney, Mary Barry, Dr. Mícheál o hÉigearthaigh, ALT-C 2006, 5-7 September, Edinburgh, Scotland.

688. GeoW@re: A Multipurpose Geo-Based Groupware Platform Using Integrated Approach. Mohamed Dbouk. The International Arab Journal of Information Technology, Vol. 4, No. 3, July 2007, pp. 255-263.

689. Integrated virtual environments for collaborative real-time activities: The Co.S.M.O.S. prototype, Impedovo, D., Pirlo, G., Stasolla, E., Journal of E-Learning and Knowledge Society, Volume 7, Issue 2, 2011, pp 59-68

690. The effects of virtual space on learning: A literature review, Olle Sköld, First Monday, Volume 17, Number 1 – 2, January 2012

119. "A host selection model for a distributed bandwidth broker", C. Bouras, D. Primpas, Third International Working Conference on Performance Modelling and Evaluation of Heterogeneous Networks, Ilkley, West Yorkshire, UK, July 18 – 20, 2005

- 691.Simplifying Network Management with Fuzzy Logic, Sohail, S., Khanum, A., IEEE International Conference on Communications Workshops, 2008. ICC Workshops '08., 19-23 May 2008, pp 195 - 201
- 692.Bandwidth broker, Sohail, S. , Recent Patents on Computer Science, Volume 4, Issue 2, May 2011, pp 127-133

120. "QoS issues in a large - scale IPv6 network", C. Bouras, K. Stamos, D. Primpas, 2005 International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS' 05), Philadelphia, Pennsylvania, USA, July 23 - 28 2005, pp. 406-415

- 693.QoS sobre IPv6 na RCTS2, Mónica Domingues, FCCN, IPv6 Desenvolvimentos Avançados em Redes (IPv6-DAR), Deliverable 1.03, <http://www.fccn.pt/files/documents/D1.03.PDF>
- 694.IPv6 Tactical Network Management, John F.Dobrydney, Master's thesis, NAVAL POSTGRADUATE SCHOOL MONTEREY CA, September 2009
- 695.Quality of service over IPV6 and IPV4, Parra, O.J.S., Rios, A.P., Rubio, G.L., 7th International Conference on Wireless Communications, Networking and Mobile Computing, WiCOM 2011, Article number 6040165
- 696.ACM International Conference Proceeding Series, Salcedo Parra, O.J., Rios, A.P., Rubio, G.L., 2011, Pages 463-466, 13th International Conference on Information Integration and Web-Based Applications and Services, iiWAS2011;Ho Chi Minh City, 5 December 2011through7 December 2011;Code88513

121. "Game based learning for mobile users, Antonellis, I., Bouras, C., Pouloupoulos, V. (2005) Paper presented at the 6th International GAME - ON Conference on the theme: Computer Games: AI and Mobile Users 27-30 July, Louisville, Kentucky, USA

- 697.2D barcode and augmented reality supported english learning system, Liu, T.-Y., Tan, T.-H., Chu, Y.-L., 2007, Proceedings - 6th IEEE/ACIS International Conference on Computer and Information Science, ICIS 2007; 1st IEEE/ACIS International Workshop on e-Activity, IWEA 2007, art. no. 4276349, pp. 5-10
698. Mobile game based learning – Taxonomy and student experience, Cistic, D., Tijan, E., Kurek, A., 2007, Proceedings of the International Conference on Information Technology Interfaces, ITI, art. no. 4283787, pp. 299-305
- 699.Computer Science students can help to solve problems of multiplayer mobile games, CI Sedano, E Kuts, E Sutinen, In Proc. Seventh Baltic Sea Conference on Computing Education Research (Koli Calling 2007), Koli National Park, Finland. CRPIT, **88**. Lister, R. and Simon, Eds. ACS. 213-216.

700. Communication and Collaboration in Educational Multiplayer Mobile Games, Ekaterina Kuts, Carolina Islas Sedano, Adele Botha, Erkki Sutinen, IADIS International Conference on Cognition and Exploratory Learning in Digital Age CELDA 2007, Algarve, Portugal
701. A Design Science Approach for Creating Mobile Applications, Paul Golding, Opal Donaldson, Proceedings of the International Conference on Information Systems (ICIS2009)
702. Definition of User Requirements concerning Mobile Learning Games within the mGBL Project, Emanuel Maxl and Astrid Tarkus, Serious Games on the Move 2009, Theme 1, pp 91-104, DOI: 10.1007/978-3-211-09418-1_6

122. "Multimedia Transmission over Third Generation Cellular Networks", A. Alexiou, C. Bouras, V. Igglesis, 10th IFIP International Conference on Personal Wireless Communications – PWC'05, Colmar, France, August 25 – 27, 2005, pp 317 - 324

703. Learning models for video quality prediction over wireless local area network and universal mobile telecommunication system networks, Khan, A., Sun, L., Ifeachor, E., IET Communications, Volume 4, Issue 12, August 2010, Article number ICEOCW000004000012001389000001, pp 1389-1403

123. "Application on Demand System over the Internet", C. Bouras, A. Gkamas, I. Nave, D. Primpas, A. Shani, O. Sheory, K. Stamos, Y. Tzruya, Journal of Network and Computer Applications, Academic Press, Vol. 28, No. 3, August 2005, pp. 209 - 232

704. Research and Implementation of ASP Member Management Model for Networked Manufacturing System, Lou Yong-hong, Cai Ming, Lin Lan-fen, Dong Jin-Xiang, Application Research of Computers, 2006 Vol.23 No.1 pp.34-36,40
705. Prefetching over heterogeneous channels of communication, Highley Jr., T.L., Reynolds Jr., P.F., 2006, Proceedings of the Fifth IASTED International Conference on Communications, Internet, and Information Technology, CIIT 2006, pp. 96-105
706. Apply Rough Set Theory into the Web Services Composition, Wen-Yau Liang, 22nd International Conference on Advanced Information Networking and Applications, 2008. AINA 2008, pp. 888-895
707. Development of an information system for multicenter epidemiologic studies on cancer, Vázquez, J.M., Martínez, M., López, M.G., González-Conde, B., Arnal, F.M., Pereira, J., Pazos, A., 2008, Proceedings of the IEEE/EMBS Region 8 International Conference on Information Technology Applications in Biomedicine, ITAB, art. no. 4407366, pp. 149-152
708. An ontology – based information system for multicenter epidemiologic studies on cancer, [Vázquez, J.M.](#), [Martínez, M.](#), [López, M.G.](#), [González-Conde, B.](#), [Arnal, F.M.](#), [Pereira, J.](#), [Pazos, A.](#), HEALTHINF 2008 – 1st

International Conference on Health Informatics, Volume 2, 2008, pp. 133 – 139

709. An efficient and secure agent code distribution service, Cucurull, J., Nvarro-Arribas, G., Martí, R., Robles, S., Borrell, S., Software - Practice and Experience, Volume 40, Issue 4, 10 April 2010, pp 363-386

710. Framework and key technologies of ASP-based Collaborative Networked Manufacturing Service Platform for SMEs, Su, Y., International Journal of Manufacturing Research, Volume 5, Issue 4, October 2010, pp 464-477

124. Multimedia Transmission Over Third Generation Cellular Networks, Alexiou, A., Bouras, C., Igglesis, V., (2005) Proc. of 10th IFIP International Conference on Personal Wireless Communications Colmar, France, August 25-27

711. Performance analysis of medical video monitoring and surveillance applications for 3G mobile terminals, Issa, O., Grégoire, J.-C., Belala, Y., Wong, J., 2007 IEEE Sarnoff Symposium, SARNOFF, art. no. 4567350

712. 3G Video Uploading Applications: Performance and Improvements, O. Issa, J. Gregoire, Y. Belala, J. Wong, M. Bage, IEEE Multimedia Journal 2008, Vol. 15, Issue 4, pp. 58 – 67

713. Towards a converged network: Video streaming over WiMAX vs. HSDPA in the rural environment, Odhiambo, M.O., Amimo-Rayolla, P.O., Kurien, A.M., IEEE AFRICON Conference 2009, Article number 5308196

714. Learning models for video quality prediction over wireless local area network and universal mobile telecommunication system networks, Khan, A., Sun, L., Ifeachor, E., IET Communications, Volume 4, Issue 12, August 2010, Article number ICEOCW000004000012001389000001, pp 1389-1403

125. "Techniques for DiffServ – based QoS in Hierarchically Federated MAN Networks – the GRNET Case", A. Varvitsiotis, V. Siris, D. Primpas, G. Fotiadis, A. Liakopoulos, C. Bouras, The 14th IEEE Workshop on Local and Metropolitan Area Networks (LANMAN 2005), Chania, Island of Crete, Greece, September 18 – 21, 2005

715. Đảm bảo chất lượng dịch vụ trên mạng IP bằng phương pháp Diffserv, Post, Telecommunications and Information Technology Journal, 20/12/2006

<http://www.tapchibcv.gov.vn/en-GB/vientonginternet/2006/12/17469.bcv?SearchTerm=Diffserv>

126. "Rate and loss control for Video transmission over UMTS using Real - Time Protocols", A. Alexiou, C. Bouras, 13th Annual Meeting of the IEEE/ACM

International Symposium on Modeling, Analysis and Simulation of Computer and Telecommunication Systems (MASCOTS 2005), Atlanta, Georgia, USA, September 27 – 29, 2005, pp. 333 – 336

716. Analysis of decision feedback using RTCP for multimedia streaming over 3G, Sivabalakrishnan, M., Manjula, D., 2008, Proceedings of the International Conference on Computer and Communication Engineering 2008, ICCCE08: Global Links for Human Development, art. no. 4580763, pp. 1023-1026

717. QoS analysis of video streaming service in live cellular networks, Díaz, A., Merino, P., Javier Rivas, F., Journal of Computer Communications, Volume 33, Issue 3, 26 February 2010, pp 322-335

127. "Deployment of Broadband Infrastructure in the Region of Western Greece", A. Alexiou, C. Bouras, V. Igglesis, V. Kapoulas, M. Paraskevas, I. Scopoulis, J. Papagiannopoulos, 2nd IEEE/Create – net International Workshop on Deployment Models and First/Last Mile Networking, Boston, MA, USA, October 7, 2005, pp. 588 - 593

718. A Framework for Planning a Unified Wired and Wireless ICT Infrastructure, T. Riaz, R. Nielsen, J. Pedersen, N. Prasad, O. Madsen, 10th International Symposium on Wireless Personal Multimedia Communications (WPMC 2007), Jaipur, India, December 3-6, 2007, pp. 375-379

719. Sensor and Actuator Networks in Metropolitan Scenarios, Felipe Marques Pires, Gean Davis Breda, Leonardo de Souza Mendes, IJCSNS International Journal of Computer Science and Network Security, VOL.9 No.10, October 2009, pp. 44-51

720. An architecture for environmental monitoring and control in municipal scale, Pires, F.M., Miani, R.S., De Souza Mendes, L., ICETE 2009 - International Joint Conference on e-Business and Telecommunications 2009, pp 27-31

721. A Framework for Planning a Unified Wired and Wireless ICT Infrastructure, T. Riaz, R. Nielsen, J. Pedersen, N. Prasad, O. Madsen, Wireless Personal Communications, Volume 54, Issue 1, July 2010, pp. 169-185

128. "Creating a Polite Adaptive and Selective Incremental Crawler", C. Bouras, V. Pouloupoulos, A. Thanou, IADIS International Conference WWW/INTERNET 2005, Lisbon, Portugal, October 19 – 22, 2005, pp. 307 - 314

722. Clustering-based incremental web crawling, Qingzhao Tan, Prasenjit Mitra, ACM Transactions on Information Systems - TOIS , vol. 28, no. 4, pp. 1-27, 2010, DOI: 10.1145/1852102.1852103

129. "Service Level Agreement for DiffServ – based services provisioning", C. Bouras, A. Sevasti, Journal of Network and Computer Applications, Academic Press, Vol. 28, No. 4, November 2005, pp. 285 - 302

723. A theory for setting the “safety margin” on availability SLA, L. Zhou, W. Grover, *Design on Reliable Communication Networks 2005*, October 16 – 19, 2005, pp 403 – 409
724. SLAM: an Object-Oriented Application for IP Quality of Service Negotiation, SV Bostjancic, MD Stojanovic, 8th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, 2007. TELSIXS 2007, pp. 87-90
725. Quality of Service Negotiation in Next Generation Networks, VS Acimovic-Raspopovic, MD Stojanovic, DB Teodorovic, 8th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, 2007. TELSIXS 2007, pp. 77-86
726. Enterprise customer's needs for SLA on telecom services in Korea, [Jee, H.L.](#), 2007, *Portland International Conference on Management of Engineering and Technology*, art. no. 4349330, pp. 180-184
727. Improving service management in supply chains, [Karhunen, H.](#), [Eerola, A.](#), [Jääntti, M.](#), 2007, *Proceedings - ICSSSM'06: 2006 International Conference on Service Systems and Service Management 2*, art. no. 4114698, pp. 1415-1420
728. End-to-end quality of service specification and mapping: The third party approach, Stojanovic, M.D., Rakas, S.V.B., Acimovic-Raspopovic, V.S., *Computer Communications*, Volume 33, Issue 11, 1 July 2010, pp 1354-1368
729. SNAP: A DSS to analyze network service pricing for state networks, Chongwatpol, J., Sharda, R., *Decision Support Systems*, Volume 50, Issue 1, 2010, pp 347-359
730. Unicast QoS routing in overlay networks, Ilie, D. , Popescu, A., *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, Volume 5233, 2011, pp 1017-1038
731. QoS adaptation in inter-domain services, Matos, F. , Matos, A. , Simões, P. , Monteiro, E., *Proceedings of the 12th IFIP/IEEE International Symposium on Integrated Network Management, IM 2011*, Article number 5990699, pp 257-264
732. Service specification and negotiation in multi-provider networks: The bilateral approach, Rakas, S.V.B., Stojanovic, M.D., 10th International Conference on Telecommunication in Modern Satellite Cable and Broadcasting Services (TELSIXS), 2011, pp. 733-736

130. "The Broadband Status in the Region of Western Greece: Overview and Recommendations", A. Alexiou, C. Bouras, V. Igglesis, V. Kapoulas, M. Paraskevas, T. Tsiatsos, J. Papagiannopoulos, *Broadband Europe 2005*, Bordeaux, France, 12 – 14 December 2005

733. Towards a Viable Broadband Solution in South Africa: the Potential of WiMAX Technology. Nhlanhla MLITWA, Maghmuda OCKARDS. *IST-Africa 2008 Conference Proceedings*, Paul Cunningham and Miriam

Cunningham (Eds), IIMC International Information Management Corporation, 2008, ISBN: 978-1-905824-07-6.

- 131. "Porting and performance aspects from IPv4 to IPv6: The case of OpenH323", C. Bouras, A. Gkamas, D. Primpas, K. Stamos, International Journal of Communication Systems, Wiley InterScience, Vol. 18, Issue 9, 2005, pp. 847 - 866**

734. Performance evaluation of multimedia application QoS over wireless and wired IPv6 networks, Namee, K., Proceedings of the 2009 International Conference on Communication Software and Networks, ICCSN 2009, Article number 5076930, pp 629-633

- 132. "A web – based virtual community", C. Bouras, V. Igglessis, V. Kapulas, Th. Tsiatsos, International Journal of Web Based Communities (IJWBC), Inderscience Publishers, Vol. 1, No 2, 2005, pp. 127 - 139**

735. ACCESS CONTROL WITHIN WEB BASED VIRTUAL CUSTOMER COMMUNITIES, Thomas Leckner, In Proceedings of the IADIS International Conference, San Sebastian, Spain February 26-28, 2006, pp 376-381

736. A Virtual Teacher Community to Facilitate Professional Development, Ratcheva D., Stefanova E., Nikolova I., Proceedings of the ISSEP 2006: Informatics Education – The Bridge between Using and Understanding Computers, Vilnius, Lithuania, 7 - 11 November 2006, ISBN 9955-680-47-4, pp. 297 - 305

737. Collaboration Between People for Sustainability in the ICT Society, G. Bradley, Symposium on Human Interface 2007, Held as Part of HCI International 2007, Beijing, China, July 22-27, 2007, Proceedings, Part II, pp. 703 – 712

738. Requirements for building accessible web-based communities for people with functional diversity, OC Santos, JG Boticario, International Journal of Web Based Communities, Vol. 4, pp. 52 – 65

739. Surveying the identification of communities. Puig-Centelles, A., Ripolles, O., and Chover, M. Int. J. Web Based Communities 4, 3 (Jul. 2008), 334-347.

740. Determinants for success in online learning communities. Lin, B. and Vassar, J. A. Int. J. Web Based Communities 5, 3 (May. 2009), 340-350.

741. Determinants for success in online learning communities, Binshan Lin and John A. Vassar, International Journal of Web Based Communities, Volume 5, Number 3 / 2009, pp 340 – 350

742. Knowledge Management and Interaction in Virtual Communities, Maria Chiara Caschera, Arianna D'Ulizia, Fernando Ferri, Patrizia Grifoni, Semantic Knowledge Management: An Ontology-Based Framework, pp 216-232

743. Discovery of Web user communities and their role in personalization, Georgios Paliouras, User Modeling and User-Adapted Interaction, Volume 22, Numbers 1-2, DOI: 10.1007/s11257-011-9111-y, pp. 151-175

133. "Advances in X3D multi – user virtual environments", C. Bouras, A. Panagopoulos, T. Tsiatsos, IEEE International Symposium on Multimedia (ISM 2005), Irvine, California, USA, 12 – 14 December 2005, pp. 136 - 142

744. Interactive 3D Graphics Applications Embedded in Web Pages, F Luengo, M Contreras, A Leal, A Iglesias, Computer Graphics, Imaging and Visualisation, 2007. CGIV '07, pp. 434-440

745. X3director: A front-end for modeling web virtual world navigation and visualization parameters, Buttarazzi, B., Pizziconi, D., ICINCO 2007 - 4th International Conference on Informatics in Control, Automation and Robotics, Proceedings Volume 1 RA, 2007, pp 333-336

746. Research and Realization of Simulation Visualization Supporting Service, N Li, X Peng, G Gong, Book chapter: Communications in Computer and Information Science 2008, pp. 175-183

747. Konzeption und Implementierung einer 3D-Visualisierung für das CSCL/CSCW-System, S Mischke, T Hampel, Thesis

748. Framework for 3D web-based visualization of HLA-compliant simulations, Araujo, R.B., Iwasaki, F.M., Pizzolato, E.B., Boukerche, A, Proceedings of the 13th International Symposium on 3D Web Technology, Web3D 2008, pp 83-90

749. Research and realization of X3D-based simulation visualization supporting service, Li, N., Peng, X.-Y., Gong, G.-H., Xitong Fangzhen Xuebao / Journal of System Simulation Volume 21, Issue 22, 20 November 2009, pp 7195-7198

750. The Virtual Scylla: An exploration of serious games, artificial life and simulation complexity”, Stone, R., White, D., Guest, R., Francis, B., Virtual Reality, Volume 13, Issue 1, 2009, pp 13-25

751. A survey of technologies for building collaborative virtual environments. Wright, T. E., And Madey, G. The International Journal of Virtual Reality 8, 1, 53-66. 2009.

752. A web-based 3D collaborative virtual environment for distance learning, Settapat, S., Ohkura, M., Achalakul, T., ICCAS-SICE 2009 - ICROS-SICE International Joint Conference 2009, Proceedings 2009, Article number 5334966, pp 1084-1088

753. Streaming and synchronization of multi-user worlds through HTTP/1.1, Marvie, J.-E. , Gautron, P. , Lecocq, P. , Mocquard, O. , Gérard, F. , Proceedings - 16th International Conference on 3D Web Technology, Web3D 2011, pp 111-119

- 754.3D Modeling educational environment, Kostić, Z. , Jevremović, A. , Popović, R., EUROCON 2011 - International Conference on Computer as a Tool - Joint with Conftele 2011, Article number 5929375
- 755.Virtual reality training environment a proposed architecture, Da Silva Netto, A.V., De Fatima Queiroz Vieira, M., VECIMS 2010 - 2010 IEEE International Conference on Virtual Environments, Human-Computer Interfaces and Measurement Systems, Proceedings 2010, Article number 5609364, pp 77-81

134. "Personalized News Categorization through Scalable Text Classification", I. Antonellis, C. Bouras, V. Pouloupoulos, The Eighth Asia Pacific Web Conference (APWeb – 06), Harbin China, January 16 - 18, 2006, pp. 391 – 401

- 756.PolyNews: Delivering Multiple Aspects of News to Mitigate Media Bias, S. Park, S. Kang, S. Chung, S. Choe, J. Song, KAIST Technical Report, CS – TR – 2006 – 263, November 2006
- 757.ASNA: An Intelligent Agent for retrieving and Classifying News on the Basis of Emotion – Affinity, S. Masum, T. Islam, M. Ishizuka, International Conference on Computational Intelligence for Modelling Control and Automation, and International Conference on Intelligent Agents, Web Technologies and Internet Commerce (CIMCA – IAWTIC'06), 2006
- 758.Implementation of Affect Sensitive News Agent (ASNA) for Affectively Classifying of News Summary, S. Masum, T. Islam, M. Ishizuka, H. Prendinger, International Conference on Computer and Information Technology – ICCITT 2006
- 759.A Study of Local and Global Thresholding Techniques in Text Categorization, N. Wanas, D. Said, N. Hegazy, N. Darwish, Fifth Australasian Data Mining Conference (AusDm2006)
- 760.Emotion Sensitive News Agent: An Approach Towards User Centric Emotion Sensing from the News, NM Wanas, DA Said, NH Hegazy, NM Darwish, 2007, Proceedings of the fifth Australasian conference on Data mining and analytics - Volume 61 pp. 91 – 101
- 761.Video news classification for automatic content personalization: A genetic algorithm based approach, Manzato, M.G. , Goularte, R., Proceedings of the 14th Brazilian Symposium on Multimedia and the Web - WebMedia 2008, pp 36-43
- 762.Ontology-based Classification of News in an Electronic Newspaper, Lena Tenenboim , Bracha Shapira, Peretz Shoval, [Book 2 Advanced Research in Artificial Intelligence](#), 2008
- 763.Evaluation of video news classification techniques for automatic content personalization, Manzato, M.G., Macedo, A.A., Goularte, R., International Journal of Advanced Media and Communication, Volume 3, Issue 4, 2009, pp 383-403
- 764.Mining frequent generalized patterns for web personalization in the presence of taxonomies, Giannikopoulos, P., Varlamis, I., Eirinaki, M.,

765. Exploration of document relation quality with consideration of term representation basis, term weighting and association measure, Kittiphattanabawon, N. , Theeramunkong, T. , Nantajeewarawat, E., Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Volume 6122 LNCS, 2010, pp 126-139
766. An enhanced content selection mechanism for personalization of video news programmes, Marcelo G. Manzato, Danilo B. Coimbra, Rudinei Goularte, Multimedia Systems, DOI 10.1007/s00530-010-0204-y, Springer-Verlag , vol. 17, no. 1, pp. 19-34, 2011
767. News relation discovery based on association rule mining with combining factors, Kittiphattanabawon, N. , Theeramunkong, T., Nantajeewarawat, E., IEICE Transactions on Information and Systems , Volume E94-D, Issue 3, March 2011, pp 404-415
768. Emotion sensitive news agent (ESNA): A system for user centric emotion sensing from the news, Al Masum Shaikh, M., Prendinger, H., Ishizuka, M., Web Intelligence and Agent Systems, Volume 8, Issue 4, 2010, pp 377-396
- 135. “A platform for virtual collaboration spaces and educational communities: The case of EVE”, Bouras, Ch., Giannaka, E., Panagopoulos, A., Tsiatsos, Th., Multimedia Systems, Volume 11, Issue 3, March 2006, Pages 290-303**
769. Multiple worlds in simulation games for spatial decision making: Concept and architecture, Fumarola, M., Verbraeck, A., Proceedings - Winter Simulation Conference 2008, Article number 4736367, pp 2555-2562
770. Framework for 3D web-based visualization of HLA-compliant simulations, Araujo, R.B., Iwasaki, F.M., Pizzolato, E.B., Boukerche, A., Proceedings of the 13th International Symposium on 3D Web Technology, Web3D 2008, pp 83-90
771. Interacting through avatars: Virtual worlds as a context for online education, Petrakou, A., Computers and Education Volume 54, Issue 4, May 2010, pp 1020-1027
772. Virtual Classrooms Supporting a Two-Way Synchronized Video and Audio Interaction. Xin Li, Minghua Li and Liren Zeng. Entertainment for Education. Digital Techniques and Systems. Lecture Notes in Computer Science, 2010, Volume 6249/2010, 446-455, DOI: 10.1007/978-3-642-14533-9_46.
773. An online 3d virtual learning environment for teaching children Mathematics. H. Mpouta, F. Paraskeva and S. Retalis. Innovations in E-learning, Instruction Technology, Assessment, and Engineering Education 2007, 123-126, DOI: 10.1007/978-1-4020-6262-9_22.

- 136. "Using the ns – 2 simulation environment to implement and evaluate Bandwidth Broker models", C. Bouras, I. Pappas, D. Primpas, K. Stamos, 2nd Conference on Next Generation Internet Design and Engineering (NGI 2006), Valencia, Spain, April 3 – 5, 2006, pp. 285 - 291**

774.Simulation of advanced bandwidth broker implementation in PLC networks, Šećerbegović, E., Begić, Z., Hodžić, H., Proceedings Elmar - International Symposium Electronics in Marine 2009, Article number 5342843, pp 139-142

- 137. "Scalability of text classification", I. Antonellis, C. Bouras, V. Pouloupoulos, A. Zouzas, 2nd International Conference on Web Information Systems and Technologies (WEBIST 2006), Setubal, Portugal, April 19 – 22, 2006, pp. 408 - 413**

775.Comparing SVM and Naïve Bayes classifiers for text categorization with Wikitology as knowledge enrichment, Hassan, S.,Rafi, M.,Shaikh, M.S., Proceedings of the 14th IEEE International Multitopic Conference 2011, INMIC 2011, Article number 6151495, pp 31-34

- 138. "Evaluating Admission Control Modules for Bandwidth Brokers in DiffServ Networks Using ns – 2", 13th International Conference on Telecommunications, Madeira Island, Portugal, C. Bouras, K. Stamos, 9 - 12 May 2006**

776.PoQBA: A New Path Admission Control for Diffserv Networks, Enrique Pena, Miguel Rios, Christian Oberli, Vladimir Marianov, Network-Based Information Systems First International Conference, NBiS 2007, Regensburg, Germany, September 3-7, 2007, pp. 435 – 445

- 139. "A Multicast Approach for UMTS: A Performance Study", A. Alexiou, C. Bouras, D. Antonellis, 2006 IFIP Networking Conference, Coimbra, Portugal, 15 – 19 May, 2006, pp. 1086 – 1091**

777.Adaptive Multicasting using Common Spreading Codes in Infrastructure – to – Vehicle Communication Networks, N. Challa, H. Ham, IEEE INFOCOM (MOVE Workshop). May 6 – 12, 2007, Anchorage, AL, USA

- 140. "Distribution and Partitioning Techniques for NVEs: the case of EVE", C. Bouras, E. Giannaka, A. Panagopoulos, T. Tsiatsos, Challenges of Large Applications in Distributed Environments, Paris, France, 19 June, 2006**

778.A group-based load balancing approach for the multi-service distributed virtual environment, Zhuang, Y. , Pan, J., Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) Volume 6872 LNCS, 2011, pp 542-547

141. "Evaluating Different One to Many Packet Delivery Schemes for UMTS", A. Alexiou, D. Antonellis, C. Bouras, 7th IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks – WoWMoM 2006, Niagara – Falls/Buffalo, New York, USA, June 26 – 29, 2006, pp. 66 – 72

779. A versatile hardware – software platform for In – Situ Monitoring systems, C. Spath, O. Faust, A. Allen, Concurrent Systems Engineering Series, Vol. 65, 2007, pp. 299 – 311

142. "Educational Virtual Environments: Design Rationale and Architecture", C. Bouras, T. Tsiatsos, **Multimedia Tools and Applications**, Kluwer Academic Publishers, Vol. 29, No. 2, June 2006, pp. 153 - 173

780. Εισαγωγή στις εκπαιδευτικές εφαρμογές των τεχνολογιών της Πληροφορίας και των Επικοινωνιών, Β. Κόμης, Εκδόσεις Νέων τεχνολογιών, ISBN 960 – 8105 – 67 – 6, Αθήνα 2004

781. Virtual Reality for Collaborative e – Learning, T. Monahan, G. McArdie, M. Bertolotto, Journal of Computers and Education, Elsevier Science, 2007

782. Multimedia instruction in a work – integrated e – learning environment, c. ostlund, L. Svensson, K. Kautz, 30th Information Systems Research Seminar IRIS 2007

783. Interactive Interfaces for Presenting Online Courses: An Evaluation Study McArdie G., Monahan T., Bertolotto M. European Conference on Information Systems (ECIS) 2008.

784. Integrating Collaborative Program Development and Debugging within a Virtual Environment. Hani Bani-Salameh, Clinton Jeffery, Ziad Al-Sharif, Iyad Abu Doush. Lecture Notes In Computer Science. Groupware: Design, Implementation, and Use: 14th International Workshop, CRIWG 2008, Omaha, NE, USA, September 14-18, 2008, Section: Collaborative Systems Development. Pages: 107-120.

785. Differentiating Authentic Learning-Scholastic vs Work-Integrated E-learning. Ostlund, C. In C. Bonk et al. (Eds.), Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2008, pp. 1881-1888.

786. Virtual Reality for Collaborative e – Learning, T. Monahan, G. McArdie, M. Bertolotto, Journal of Computers and Education, Elsevier Science, Vol. 50, Issue 4, 2008, pp. 1339 – 1353

787. The 3D simulation modeling and application of paroxysmal calamity in public places based on Agent, [Chai, X.-H.](#), [Jin, X.-L.](#), 2008, *Shanghai Jiaotong Daxue Xuebao/Journal of Shanghai Jiaotong University* 42 (10), pp. 1669-1673

788. Using Multimedia and Virtual Reality for Web-Based Collaborative Learning on Multiple Platforms, Gavin McArdie, Teresa Monahan, Michela Bertolotto, *Multimedia Technologies: Concepts, Methodologies, Tools, and Applications*, 2008

789. A 3D Multi-User Virtual Laboratory: Is Successful Implementation Enough?, Sime, J.A. & Kemp, B., Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2008, pp. 3539-3547
790. Exploring the use of 3D collaborative interfaces for e-learning, McArdle, G., Studies in Computational Intelligence Volume 217, 2009, pp 249-270
791. Presence Relates to Distinct Outcomes in Two Virtual Environments Employing Different Learning Modalities. Susan Persky, Kimberly A. Kaphingst, Cade McCall, Christina Lachance, Andrew C. Beall, Jim Blascovich. *CyberPsychology & Behavior*. June 2009, 12(3): 263-268. doi: 10.1089/cpb.2008.0262.
792. Assessing the application of three-dimensional collaborative technologies within an e-learning environment. McArdle, G. & Bertolotto, M. *Interactive Learning Environments*, doi: 10.1080/10494821003714749.
793. Collaborative virtual 3D Environment for Internet-accessible Physics Experiments. Scheucher T., Bailey P. H., Gütl C. & Harward V. J. Proceedings of the International Conference of Remote Engineering and Virtual Instrumentation, June 2009.
794. A web-based 3D collaborative virtual environment for distance learning Settapat, S.; Ohkura, M.; Achalakul, T. ICCAS-SICE, 2009, pp.1084-1088, 18-21 Aug. 2009.
795. An adaptive sketching user interface for education system in virtual reality, Ma, C., Du, Y., Teng, D., Chen, J., Wang, H., Dai, G., ITME2009 - Proceedings 2009 IEEE International Symposium on IT in Medicine and Education 2009, Article number 5236314, pp 796-802
796. Research on adaptive sketch user interface for virtual education application, Teng, D.-X., Du, Y., Ma, C.-X., Wang, H.-A., Dai, G.-Z., Ruan Jian Xue Bao/Journal of Software Volume 20, Issue SUPPL. 1, December 2009, pp 298-305
797. Exploring the Use of 3D Collaborative Interfaces for E-Learning, Gavin McArdle, *Intelligent Systems and Technologies, Studies in Computational Intelligence*, 2009, Volume 217/2009, 249-270, DOI: 10.1007/978-3-642-01885-5_14
798. Auction approach for management of a virtual classroom, Di Lecce, V., Giove, A., Quarto, A., CIMSIA 2010 - IEEE International Conference on Computational Intelligence for Measurement Systems and Applications, Proceedings 2010, Article number 5611758, pp 48-53
799. The ecology of virtual human resource development, Bennett, E.E., Bierema, L.L., *Advances in Developing Human Resources*, Volume 12, Issue 6, December 2010, pp 632-647

- 143. "Design Aspects of Open Municipal Broadband Networks", A. Alexiou, C. Bouras, D. Primpas, First International Conference on Access Networks, Athens, Greece, September 4 – 6, 2006**

800.An alternative approach for formula modelling in security metrics, Miani, R.S., Pires, F.M., De Souza Mendes, L., ICETE 2009 - International Joint Conference on e-Business and Telecommunications 2009, pp 381-386

801.Demand aggregation for fibre optical networks in the business market: A case study of the Netherlands, Brennenraedts, R., Maltha, S., First International Conference on Infrastructure Systems and Services: Building Networks for a Brighter Future (INFRA), 10-12 Nov. 2008

- 144. "Pathfinding architectures for interdomain Bandwidth Broker operation", C. Bouras, D. Primpas, 14th IEEE International Conference on Networks, Singapore, September 13 – 15, 2006, pp. 21 - 26**

802.Multi-area QoS provisioning using hierarchical bandwidth brokers architecture, Chaw, L.T., Keong, P.K., Fong, A.T., Pei, L.G., Malaysian Journal of Computer Science, Volume 21, Issue 2, 2008, pp 88-100

- 145. "Enhancing a Web Based Community: the case of SIG-GLUE", International Journal of Web Based Communities (IJWBC), Inderscience Publishers, Vol. 2, No 1, I. Antonellis, C. Bouras, V. Kapoulas, V. Pouloupoulos, 2006, pp. 112 - 130**

803.A Virtual Teacher Community to Facilitate Professional Development, D Ratcheva, E Stefanova, I Nikolova, Proceedings of the Second International Conference" Informatics in Secondary Schools: Evolution and Perspectives", Vilnius, Lithuania 2006

- 146. "An Integrated Platform for Educational Virtual Environments", C. Bouras, E. Giannaka, M. Nani, A. Panagopoulos, T. Tsiatsos, Web – Based Intelligent E – Learning Systems: Technologies and Applications, Chapter XV, IDEA GROUP PUBLISHING, 2006, pp. 291 – 320**

804.If They Build it, They Will Come: Creating Oppurtunities fro e – learning Communities of Practce, K. Kirkwood, Universitas 21 Cnference on e – larning and Pedagogy, Guadalajara, Mexico, 28 – 30 November 2006

805.E-learning system development using an open-source customization approach, Mohammadi, H., Monadjemi, S.A., Moallem, P., Olounabadi, A.A., Journal of Computer Science 4 (5), pp. 360-365

- 147. "IPv6 Deployment: Real Time Applications and QoS Aspects ", C. Bouras, A. Gkamas, D. Primpas, K. Stamos, Computer Communications Journal, Elsevier Science Vol. 29, No. 9, 2006, pp 1393 - 1401**

806. "Internet Protocol version 6: IPv6 Handbook", Chit-Pon Noo Ban Jong, Suranaree University of Technology, 28 September 2006, <http://ccsmail.sut.ac.th/e-ru/teacher/file/file172.doc>

- 148. "Using the ns – 2 simulation environment to implement and evaluate Bandwidth Broker models", C. Bouras, I. Pappas, D. Primpas, K. Stamos, 2nd Conference on Next Generation Internet Design and Engineering (NGI 2006), Valencia, Spain, April 3 – 5, 2006, pp. 285 - 291**

807. Simulation of advanced bandwidth broker implementation in PLC networks, Šećerbegović, E., Begić, Z., Hodžić, H., Proceedings Elmar - International Symposium Electronics in Marine 2009, Article number 5342843, pp 139-142

- 149. "Equation Based Congestion Control for Video Transmission over WCDMA Networks", A. Alexiou, D. Antonellis, C. Bouras, The IEEE 20th International Conference on Advanced Information Networking and Applications, Vienna, Austria, April 18 – 20, 2006, pp. 445 – 450**

808. Performance Evaluation of H. 264 video transmission in CDMA2000 Network, K. Irshad, R. Asim, International Conference on Information and Emerging Technologies – ICIET 2007, 6 – 7 July, 2007, pp. 1 - 5

809. TCP-Friendly High-Speed Downlink Packet Access, KD Singh, D Ros, 12th IEEE Symposium on Computers and Communications, 2007. ISCC 2007, pp. 515-521

810. An improved equation based rate adaptation scheme for video streaming over UMTS, Abdolkarim Mardanian Dehkordi and Vahid Tabataba Vakili, Telecommunication Systems, DOI: 10.1007/s11235-011-9668-0

- 150. "Comperative Evaluation of Adaptive Price – based Admission Control Algorithms for Bandwidth Allocation", C. Bouras, K. Stamos, Fifth International Symposium on Communication Systems, Networks and Digital Signal Processing (CSNDSP'06), Patras, Greece, 19 – 21 July, 2006, pp. 339 - 343**

811. Bandwidth broker, Sohail, S., Recent Patents on Computer Science Volume 4, Issue 2, May 2011, pp 127-133

- 151. "An Efficient Multicast Packet Delivery Scheme for UMTS", A. Alexiou, D. Antonellis, C. Bouras, A. Papazois, 9th ACM International Symposium on Modeling, Analysis and Simulation of Wireless and Mobile Systems (MSWiM 2006), Torremolinos, Spain, October 2 – 6, 2006, pp. 147 – 150**

812. Effective minimization of GTP tunnels for MBMS data transfer in UMTS, Babu, K.N.R.M., Kumar, B.M.M., Murthy, K.N.B., Mamatha, 5th European Conference on Circuits and Systems for Communications (ECCSC), 2010 ,23-25 Nov. 2010, pp 34 - 38

813.ON REDUCTION OF GTP TUNNELS FOR MBMS DATA TRANSFER IN UMTS, Rama Mohan Babu K N K.N.Balasubramanya Murthy, A Srinivas Mahesh Kumar BM, International Journal of Future Generation Communication and Networking Vol. 4, No. 1, March 2011

152. "IPv6 QoS Testing on Dual Stack Networks", The Second International Workshop on Advanced Architectures and Algorithms for Internet Delivery and Applications (AAA-IDEA 2006), Pisa, Italy, C. Bouras, D. Primpas, K. Stamos, 10 October 2006

814.The Future of IPv6: A Technical Review and Issues Concerning Industry Acceptance, Dominic P. Carissimi, MMIS 653 - December 2, 2007

815.Performance Evaluation of the PBR and QoS Control Routing for Multi-Channel Adaptive Streaming (PQMAS) Model, MA Al-Madi, R Idrus, A Osman, R Budiarto, IJCSNS 2008 vol.8 no.4 , p.85

816.A Proposed Model for Policy-Based Routing Rules in the IPv6 Offering QoS for IPTV Broadcasting, MA Al-Madi, R Idrus, S Ramadass, R Budiarto, IJCSNS 2008 vol.8 no.3, p.163

817.Quality of service performance for xcast in IPV6 network, Siregar, L., Budiarto, R., Omar, M.N., Rosli, A.H., 2008 1st International Conference on Distributed Frameworks and Application, DFmA 2008 2008, Article number 4784432, pp 170-173

153. "Best Practices Worldwide for Broadband Growth", Broadband Europe 2006, Geneva, Switzerland, C. Bouras, E. Giannaka, T. Tsiatsos, 11 - 14 December 2006

818.Broadband development: The importance of enablers and constraints for a consistent strategic policy making – Peter Trkman, Borka Jerman Blažič and Tomaž Turk, Innovating for and by users, A publication of COST – European Co-operation in the field of Scientific and Technical Research, Brussels: Opoce, 2008, pp. 181-194

154. "A Web Content Manipulation Technique based on Page Fragmentation", Journal of Network and Computer Applications, Academic Press, Vol. 30, Issue 2, C. Bouras, G. Kounenis, I. Misedakis, April 2007, pp. 563 - 585

819.Providing Personalized Mashups Within the Context of Existing Web Applications, O Diaz, S Perez, I Paz, Lecture Notes in Computer Science Web Information Systems Engineering – WISE 2007, pp. 493-502

820.Employing clustering techniques for automatic information extraction from HTML documents, Ashraf, F., Özyer, T., Alhajj, R., 2008, IEEE Transactions on Systems, Man and Cybernetics Part C: Applications and Reviews 38 (5), pp. 660-673

- 155. "Cost Analysis of the MBMS Multicast Mode of UMTS", A. Alexiou, C. Bouras, E. Rekkas, The Twelfth IEEE Symposium on Computers and Communications, Aveiro, Portugal, July 1 – 4, 2007, pp. 797 - 802**

821.Comparative study of broadcast and multicast in 3GPP and 3GPP2 networks, Weng, J.F. Chen, J.C. Cheng, K.W.Computer Communications, 2008, Elsevier, doi: 10.1016/j.comcom.2008.07.009

- 156. "A Power Control Scheme for Efficient Radio Bearer Selection in MBMS", A. Alexiou, C. Bouras, E. Rekkas, 8th International Symposium on a World of Wireless, Mobile and Multimedia Networks, - WoWMoM 2007, Helsinki, Finland, June 18 – 21, 2007**

822.Multicast in Terrestrial-HAP Systems: "User Number" vs. "User Distribution" Oriented RRM Policies, Araniti Giuseppe, Molinaro Antonella, Iera Antonio, IEEE 66th Vehicular Technology Conference, 2007. VTC - 2007 Fall. 2007, 30 September – 3 October 2007, Baltimore, MD, USA pp. 154 - 158

823.Power Counting for Optimized Capacity in MBMS Enabled UTRAN, A. Panayides, C. Christophorou, J. Antoniou, A. Pitsillides, V. Vassiliou, 2008 IEEE Symposium on Computers and Communications (ISCC 2008), Marrakech, Morocco, July 6 - 9, 2008

824.Comparative study of broadcast and multicast in 3GPP and 3GPP2 networks, Weng, J.F. Chen, J.C. Cheng, K.W.Computer Communications, 2008, Elsevier, doi: 10.1016/j.comcom.2008.07.009

825.Effective service delivery and group management in integrated terrestrial-HAP systems for multicast communications, 2008, Giuseppe Araniti, Antonio Iera, Antonella Molinaro, Wireless Communications and FMobile Computing, DOI: 10.1002/wcm.676

826.A Power Based Algorithm for Efficient Radio Resource Management Policy in Integrated Terrestrial/HAP MBMS Systems, Giuseppe Araniti, Antonio Iera, and Antonella Molinaro, Global Telecommunications Conference, 2008. IEEE GLOBECOM 2008. IEEE ,Volume , Issue , Nov. 30 2008-Dec. 4 2008 pp:1 – 5

827.The Applicability of Context-Based Multicast - A Shopping Centre Scenario, Thomas Wozniak, Katarina Stanoevska-Slabeva, Diogo Gomes, Hans D. Schotten, Incentives, Overlays, and Economic Traffic Control Lecture Notes in Computer Science, 2010, Volume 6236/2010, pp 101-108, DOI: 10.1007/978-3-642-15485-0_11

- 157. "A framework for cross layer adaptation for multimedia transmission over wired and wireless networks", Bouras, C., A. Gkamas and G. Kioumourtzis, Proceedings of the 2007 International Conference on Internet Computing Jun. 25-28, Monte Carlo Resort, Las Vegas, Nevada, USA.**

828.Error Resistant Real-Time Transport Control Protocol, *American Journal of Engineering and Applied Sciences* , S. Shahbazi, K. Jumari and M. Ismail, 2009.

829.PIW: A QoS Provisioning Scheme for Efficient Real Time Data Transmission in Hybrid Wireless Networks, International Journal of Engineering & Technology IJET-IJENS Vol: 10 No: 01, Wajahat Abbas, Adeel Akram, Asim Shahzad.

830.Investigation of Packet Loss Patterns in Audio/Video Content Distribution over RTP in Wireless Networks, International Journal of Electrical & Computer Sciences IJECS-IJENS Vol: 10 No: 01, Wajahat Abbas, Adeel Akram, Asim Shahzad.

158. "X3D multi – user virtual environment platform for collaborative spatial design", C. Bouras, Ch. Tegos, V. Triglianios, Th. Tsiatsos, The 9th International Workshop on Multimedia Network Systems and Applications (MNSA – 2007), Toronto, Canada, June 25 – 29, 2007

831.Multiresolution volumetric 3D object reconstruction for collaborative interactions, Guerchouche, R., Bernier, O., Zaharia, T., Pattern Recognition and Image Analysis Volume 18, Issue 4, December 2008, pp 621-637

832.Web-based distributed simulations visualization and control with HLA and web services, Boukerche, A., Iwasaki, F.M., Araujo, R.B., Pizzolato, E.B., Proceedings - 12th 2008 IEEE/ACM International Symposium on Distributed Simulation and Real Time Applications, DS-RT 2008 ,Article number 4700099, pp 17-23

833.A Version Control System as a Tool and Methodology to Foster Children's Collaboration in Spatial Configuration Decision Tasks, Filipe Santos, Benjamim Fonseca, Leonel Morgado, Paulo Martins, : International Workshop on Groupware - CRIWG 2008 , DOI: 10.1007/978-3-540-92831-7_23 pp. 281-288,

834.A web-based 3D collaborative virtual environment for distance learning. S. Settapat, M. Ohkura, T.Achalakul. ICCAS-SICE 2009, 18-21 August 2009, pp. 1084-1088.

835.DWeb3D: A toolkit for developing X3D applications in a simplified environment. Quintella, F., Soares, L. P., and Raposo, A. B. In Proceedings of the 15th international Conference on Web 3D Technology (Los Angeles, California, July 24-25, 2010). Web3D '10. ACM, New York, NY, 45-54.

836.Case studies using multiuser virtual worlds as an innovative platform for collaborative design, Merrick, K.E., Gu, N., Wang, X., Electronic Journal of Information Technology in Construction, Volume 16, February 2011, pp 165-188

837.3D Modeling educational environment, Kostić, Z. , Jevremović, A. , Popović, R., EUROCON 2011 - International Conference on Computer as a Tool - Joint with Conftele 2011, Article number 5929375

159. "Performance Analysis of Adaptive Admission Control Algorithms for Bandwidth Brokers", C. Bouras, K. Stamos, Journal of Network and Systems Management, Kluwer Academic Publishers, 2007, Vol. 15, No. 2, pp. 191 - 218

838.The Method of DiffServ Bandwidth Allocation Based on Fairness, Kong Yi-quan, Wang Wen-juan, Journal of Wuhan University of Science and Engineering, 2008 Vol.21, No.2, pp.32-35

839.Adaptive QoS class allocation schemes in multi-domain path-based networks, Ogino, N. , Nakamura, H., IEICE Transactions on Communications, Volume E92-B, Issue 3, March 2009, pp 898-908

840.An architecture for network congestion control and charging of non-cooperative traffic, Salles, R.M. , Carvalho, J.M.A., Journal of Network and Systems Management, Volume 19, Issue 3, September 2011, pp 367-393

160. " UMTS for Enhanced Performance", A. Alexiou, D. Antonellis, C. Bouras, International Journal of Communication Systems, Wiley InterScience, 2007, Vol. 20, Issue 1, pp. 65 – 81

841.Transmission algorithm for video streaming over cellular networks, Y. Falik, A. Averbuch, U. Yechiali, <http://www.cs.tau.ac.il/~amir1/PS/YAY.pdf>

842.TCP – Friendly Rate Control over High – Speed Downlink Packet Access, S. Kamal, D. Ros, 12th IEEE Symposium on Computers and Communications - ISCC 2007, Aveiro, Portugal, July 1 – 4, 2007, pp. 515 – 521

843.Performance evaluation of H.264 video transmission in CDMA2000 network, Khan, I., Ur Rehman, A. 2007, 2007 International Conference on Information and Emerging Technologies, ICIET, art. no. 4381309, pp. 47-51

844.Transmission algorithm for video streaming over cellular networks, Y. Falik, Z A. Averbuch, Z U. Yechiali, Witeless Netw, Springer, 2009

845.An equation based rate control and multiple connections for adaptive video streaming over cellular networks, Dehkordi, A.M., Vakili, V.T., SoftCOM 2009 - 17th International Conference on Software, Telecommunications and Computer Networks 2009, Article number 5306875, pp 176-180

846.Learning models for video quality prediction over wireless local area network and universal mobile telecommunication system networks, Khan, A. , Sun, L., Ifeakor, E., IET Communications, Volume 4, Issue 12, August 2010, Article number ICEOCW000004000012001389000001, pp 1389-1403

847.Quality of experience-driven adaptation scheme for video applications over wireless networks, Khan, A. , Sun, L., Jammeh, E., Ifeakor, E., IET Communications, Volume 4, Issue 11, July 2010, Article number ICEOCW000004000011001337000001, pp 1337-1347

848. Qoe-driven sender bitrate adaptation scheme for video applications over IP multimedia subsystem, Khan, A. , Mkwawa, I.-H. , Sun, L. , Ifeachor, E. , IEEE International Conference on Communications 2011, Article number 5962458
849. A method for seamless codec changeover during active video calls, Lewcio, B. , Möller, S. , Vidales, P., 2011 IEEE 16th International Workshop on Computer Aided Modeling and Design of Communication Links and Networks, CAMAD 2011, Article number 5941102, pp 133-137
850. Video quality in next generation mobile networks Perception of time-varying transmission, Lewcio, B. , Belmudez, B. , Mehmood, A. , Waltermann, M. , Moller, S., 2011 IEEE International Workshop Technical Committee on Communications Quality and Reliability, CQR 2011, Article number 5996089

161. "Adaptive and Reliable Video Transmission over UMTS for Enhanced Performance", A. Alexiou, D. Antonellis, C. Bouras, International Journal of Communication Systems, Wiley InterScience, 2007, Vol. 20, Issue 1, pp. 65 – 81

851. Video quality in next generation mobile networks Perception of time-varying transmission, Lewcio, B. , Belmudez, B. , Mehmood, A. , Waltermann, M. , Moller, S., 2011 IEEE International Workshop Technical Committee on Communications Quality and Reliability, CQR 2011, Article number 5996089
852. Qoe-driven sender bitrate adaptation scheme for video applications over IP multimedia subsystem, Khan, A. , Mkwawa, I.-H. , Sun, L. , Ifeachor, E. , IEEE International Conference on Communications 2011, Article number 5962458
853. A method for seamless codec changeover during active video calls, Lewcio, B. , Möller, S. , Vidales, P. , 2011 IEEE 16th International Workshop on Computer Aided Modeling and Design of Communication Links and Networks, CAMAD 2011, Article number 5941102, Pages 133-137
854. Transmission algorithm for video streaming over cellular networks, Y. Falik, A. Averbuch, U. Yechiali, Wireless Networks - WINET , vol. 16, no. 5, pp. 1459-1475, 2010
855. Quality of experience-driven adaptation scheme for video applications over wireless networks, A. Khan, L. Sun, E. Jammeh, E. Ifeachor, Iet Communications - IET COMMUN , vol. 4, no. 11, 2010, DOI: 10.1049/iet-com.2009.0422
856. Learning models for video quality prediction over wireless local area network and universal mobile telecommunication system networks, A. Khan, L. Sun, E. Ifeachor, Journal: Iet Communications - IET COMMUN , vol. 4, no. 12, 2010, DOI: 10.1049/iet-com.2009.0649

162. "Scalable Rate Control for Video Transmission over UMTS", A. Alexiou, C. Bouras, V. Igglesis, International Journal of Communication Systems, Wiley InterScience, 2007, Vol. 20, Issue 12, pp. 1315 - 1131

857. A Design of Experiment (DOE) analysis of the performance of uplink real-time traffic over a 3G network, Goulart, A., Zhan, W. Proceedings - 4th IEEE International Conference on Wireless and Mobile Computing, Networking and Communication, WiMob 2008, art. no. 4654283, pp. 466-471
858. Statistical Analysis of Broadband Wireless Links in Rural Areas, Wei Zhan and Ana E. Goulart, JOURNAL OF COMMUNICATIONS, ACADEMY PUBLISHER, VOL. 4, NO. 5, JUNE 2009, pp. 320 – 328
859. Modeling of adaptive wireless link for MPEG-4 video transport in UMTS network, Al-Suhail, G.A., Kennedy, R.A., 3rd International Conference on Signal Processing and Communication Systems, ICSPCS'2009 - Proceedings 2009, Article number 5306414
860. Research and simulation of improved diffserv network, Lin, N., Guan, X.-M., Song, L.-X., Proceedings - 5th International Conference on Wireless Communications, Networking and Mobile Computing, WiCOM 2009, Article number 5301863
861. An equation Based Rate Control and Multiple Connections for Adaptive Video Streaming in Cellular Networks, A. Mardanian Dehkordi and V. Tabataba Vakili, International Journal of Computer Theory and Engineering, Vol. 1, No. 5, December, 2009
862. Transmission algorithm for video streaming over cellular networks, Falik, Y., Averbuch, A., Yechiali, U., Wireless Networks, Volume 16, Issue 5, July 2010, pp 1459-1475
863. An improved equation based rate adaptation scheme for video streaming over UMTS, Abdolkarim Mardanian Dehkordi and Vahid Tabataba Vakili, Telecommunication Systems, DOI: 10.1007/s11235-011-9668-0

163. "Power Saving Techniques in MBMS Multicast Mode", A. Alexiou, C. Bouras, V. Kokkinos, E. Rekkas, 3rd ACM International Workshop on Wireless Multimedia Networking and Performance Modeling – ACM WMUNEP 2007, Chania, Crete, Greece, October 26, 2007, pp. 62 - 69

864. A new approach for efficient MBMS service provision in UTRAN, Christophorou, C., Pitsillides, A., Proceedings - IEEE Symposium on Computers and Communications 2008, Article number 4625711, pp 356-361
865. On the optimization of power assignment to support multicast applications in HAP-based systems, Araniti, G., Iera, A., Molinaro, A., Raschella, A., Umberto, A., ICT 2010: 2010 17th International Conference on Telecommunications, 2010, Article number 5478743, pp 219-226
866. Enhanced radio resource management algorithms for efficient MBMS service provision in UTRAN, Christophorou, C., Pitsillides, A.,

Lundborg, T., Computer Networks, Volume 55, Issue 3, 21 February 2011, pp 689-710

867. Support of multiple content variants in the multimedia broadcast/multicast service, Xylomenos, G., Katsaros, K., Tsakanikas, V., International Journal of Communication Systems Volume 24, Issue 6, June 2011, pp 691-708

164. "Partitioning of Distributed Virtual Environments Based on Objects' Attributes", C. Bouras, E. Giannaka, 11th IEEE International Symposium on Distributed Simulation and Real Time Applications, Chania, Crete, Greece, October 22 – 24, 2007, pp. 72 - 75

868. Using Epidemic Hoarding to Minimize Load Delays in P2P Distributed Virtual Environments, Ingo Scholtes, Jean Botev, Markus Esch, Hermann Schloss and Peter Sturm, COLLABORATIVE COMPUTING: NETWORKING, APPLICATIONS AND WORKSHARING, Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, 2009, Volume 10, Part 3, 578-593, DOI: 10.1007/978-3-642-03354-4_43

165. "Power Efficient Radio Bearer Selection in MBMS Multicast Mode", A. Alexiou, C. Bouras, V. Kokkinos, E. Rekkas, 10th ACM – IEEE International Symposium on Modeling, Analysis and Simulation of Wireless and Mobile Systems – MSWIM 2007, Chania, Crete, Greece, October 22 – 26, 2007, pp. 261 – 268

869. Multimedia Broadcast Multicast Service Performance and its Enhancements in WCDMA Networks, K. Aho, J. Kurjenniemi, V. Haikola, C. Callender, T. Ristaniemi, Wireless Personal Communications Journal, Springer Verlag, 2007 (to appear)

870. A New Approach for Efficient MBMS Service Provision in UTRAN, C. Christophorou, A. Pitsillides, 2008 IEEE Symposium on Computers and Communications (ISCC 2008), Marrakech, Morocco, July 6 - 9, 2008

871. High Altitude Platforms: Radio Resource Management Policy for MBMS Applications, A. Raschella, G. Araniti, A. Iera and A. Molinaro, Personal Satellite Services International Conference (PSATS 2009), Rome, Italy, March 18-19, 2009, pp. 85-93

872. SINR-based Transport Channel Selection for MBMS Applications, Araniti G, Iera A, Molinaro A., Raschella A, Umberto A, IEEE Vehicular Technology Conference, VTC2009-Spring, 26-29 April 2009, Barcelona, Spain, Article number 5073855

873. Radio resource management policy for multicast transmissions in high altitude platforms, Raschella, A., Araniti, G., Iera, A., Molinaro, A., IET Conference Publications, Issue 552 CP, 2009

874. On the optimization of power assignment to support multicast applications in HAP-based systems, Araniti, G., Iera, A., Molinaro, A.,

- Raschellà, A., Umbert, A, ICT 2010: 2010 17th International Conference on Telecommunications, 2010, Article number 5478743, pp 219-226
875. Optimizing point-to-multipoint transmissions in High Speed Packet Access networks, Araniti, G., Scordamaglia, V., Molinaro, A., Iera, A., Interdonato, G., Spanó, F., IEEE International Symposium on Broadband Multimedia Systems and Broadcasting, BMSB 2011 - Conference Programme 2011, Article number 5954896, pp. 1-5
876. Multicast/broadcast service over heterogeneous networks, Ying, K., Yu, H., Wang, X., Luo, H., Article number 6134171, 54th Annual IEEE Global Telecommunications Conference: "Energizing Global Communications", GLOBECOM 2011; Houston, TX; 5 December 2011 through 9 December 2011; Category number CFP11GLO-ART; Code 88463
877. Optimizing point-to-multipoint transmissions in High Speed Packet Access networks, Araniti, G., Scordamaglia, V., Molinaro, A., Iera, A., Interdonato, G., Spanó, F., IEEE International Symposium on Broadband Multimedia Systems and Broadcasting, BMSB 2011 - Conference Programme 2011, Article number 5954896
- 166. "An Object Driven Partitioning Approach for Distributed Virtual Environments", C. Bouras, E. Giannaka, The 8th International Conference on Parallel and Distributed Applications and Technologies – PDCAT 2007, Adelaide, Australia, December 3 – 6, 2007**
878. An allocation management algorithm for DVE system. A.E.E. Ali, A.I. El-desoky, M. Salah. International Conference on Computer Engineering & Systems, 2009 (ICCES 2009), 14-16 December 2009, pp.489-494, doi: 10.1109/ICCES.2009.5383214.
- 167. Η εργασία που έχει γίνει στον simulator ns – 2 από την ερευνητική μας ομάδα**
879. http://nsgam.isi.edu/nsgam/index.php/Contributed_Code
- 168. "Improvements on "IP – IAPP": A fast IP handoff protocol for IEEE 802.11 wireless and mobile clients", I. Samprakou, C. Bouras, T. Karoubalis, WINET Journal, Special Issue on Broadband Wireless Multimedia, Kluwer Academic Publishers, 2007, Vol. 13, No. 4, pp. 497 - 510**
880. Achieving seamless handoffs via backhaul support in Wireless Mesh Networks, Yan He and Dmitri Perkins, Telecommunication Systems, DOI: 10.1007/s11235-011-9474-8
- 169. "Extending the Functionality of RTP/RTCP Implementation in Network Simulator (ns – 2)", C. Bouras, A. Gkamas, G. Kioumourtzis, First International Conference on Simulation Tools and Techniques for Communications, Networks, and Systems, Marseille, France, March 3 – 7, 2008**

881. Adaptive MPEG – 4 Video Streaming Over IP Networks, R. Zhou, Kyung – sik Jang, 23rd International Technical Conference on Circuits/Systems, Computers and Communications (ITC – CSCC 2008)
882. An End-to-End Congestion Control Approach Based-on Content-Aware”, International Journal of Multimedia and Ubiquitous Engineering, H. Yang, X. Chen, and R. Hu, Vol. 4, No. 2, April, 2009
883. PIW: A QoS Provisioning Scheme for Efficient Real Time Data Transmission in Hybrid Wireless Networks, International Journal of Engineering & Technology IJET-IJENS Vol: 10 No: 01, Wajahat Abbas, Adeel Akram, Asim Shahzad.
884. Investigation of Packet Loss Patterns in Audio/Video Content Distribution over RTP in Wireless Networks, International Journal of Electrical & Computer Sciences IJECS-IJENS Vol: 10 No: 01, Wajahat Abbas, Adeel Akram, Asim Shahzad.
885. Simulation Platform for Video Streaming Evaluation, Mario Montagud, Fernando Boronat, vicent Vidal, SoftCOM2010, - International Conference on Software, Telecommunications and Computer Networks 2010, Article number 5623687, pp 397-401
886. A new network simulator 2 (NS-2) module based on RTP/RTCP protocols to achieve multimedia group synchronization, Mario Montagud, Fernando Boronat, Proceedings of the 3rd International ICST Conference on Simulation Tools and Techniques (SIMUTools '10), ISBN: 978-963-9799-87-5 doi>10.4108/ICST.SIMUTOOLS2010.8686
887. Evaluation of Deficit Round Robin Queue Discipline for Real-time Traffic Management in an RTP/RTCP Environment, Iffat Ahmed, Leonardo Badia, Khalid Hussain, Fourth UKSim European Symposium on Computer Modeling and Simulation 2010, ISBN: 978-0-7695-4308-6
888. Enhanced RTP-based tool-set for video streaming simulation using NS-2, Fernando Boronat, Mario Montagud, Vicent Vidal, Proceedings of the 8th International Conference on Advances in Mobile Computing and Multimedia 2010 (MoMM '10), ISBN: 978-1-4503-0440-5
889. Performance evaluation of TCP-Friendly rate control enhanced with adaptive filters, Lusilao Zodi, G.-A., Nakato Kakande, J., Dlodlo, M.E., de Jager, G., Ferguson, K.L., International Journal of Advancements in Computing Technology, Volume 3, Issue 1, February 2011, pp 13-22
890. RRB-SIMD: RTP rate-based SIMD protocol for media streaming applications over the internet, Lusilao-Zodi, G.A., Dlodlo, M.E., De Jager, G.D., Ferguson, K.L., Proceedings - 2011 9th Annual Communication Networks and Services Research Conference, CNSR 2011, Article number 5771194, pp 69-76
891. A more realistic rtp/rtcp-based simulation platform for video streaming QoS evaluation, Fernando Boronat, Mario Montagud, Vicent Vidal, Journal of Mobile Multimedia, Volume 7 Issue 1, April 2011
892. ITTP: A new transport protocol for VoIP applications, Abu-Alhaj, M.M., Manjur, S.K., Sureswaran, R., Wan, T.-C., Mohamad, I.J.,

Manasrah, A.M., International Journal of Innovative Computing, Information and Control, Volume 8, Issue 3 A, March 2012, pp 1879-1896

170. "Smooth Multicast Congestion Control for Adaptive Multimedia Transmission", C. Bouras, A. Gkamas, G. Kioumourtzis, 4th Conference on NEXT GENERATION INTERNET NETWORKS (NGI 2008), Krakow, Poland, April 28 – 30, 2008

893. Evaluation of deficit round robin queue discipline for real-time traffic management in an RTP/RTCP environment, Ahmed, I., Badia, L., Hussain, K., Proceedings - UKSim 4th European Modelling Symposium on Computer Modelling and Simulation, EMS2010, 2010, Article number 5703732, pp 484-489

894. Layered multicast based on delay-jitter trend, Liu, M.-J., Wei, X.-D., Wang, Y., Dianzi Keji Daxue Xuebao/Journal of the University of Electronic Science and Technology of China Volume 40, Issue 5, September 2011, pp 747-752

171. "Extending QoS support from Layer 3 to Layer 2", C. Bouras, V. Kapoulas, V. Papapanagiotou, L. Pouloupoulos, D. Primpas, K. Stamos, 15th International Conference on Telecommunications, St. Petersburg, Russia, 16 – 19 June, 2008

895. Priority level configuration for signaling service class, Baraković, J., Bajrić, H., Baraković, S., 3rd Int. Conf. on Communication Theory, Reliability, and Quality of Service, CTRQ 2010, Includes MOPAS 2010: 1st Int. Conf. on Models and Ontology-Based Design of Protocols, Architecture and Services, Article number 5532774, pp 122-127

896. QoS adaptation in real time systems based on CBWFQ, Badr, S., Bayoumi, F., Darwesh, G., National Radio Science Conference, NRSC, Proceedings 2011, Article number 5873626

172. "Improving text summarization using noun retrieval techniques", C. Bouras, V. Tsogkas, Advanced Knowledge – based Systems, Invited Session of the 12nd International Conference on Knowledge – based and Intelligent Information & Engineering Systems (KES 2008), Zagreb, Croatia, September 3 – 5, 2008, pp. 593 - 600

897. An alternative approach for statistical single-label document classification of newspaper articles, Mamakis, G., Malamos, A.G., Ware, J.A., Journal of Information Science, Volume 37, Issue 3, June 2011, pp 293-303

898. An interactive Malaysia crime news retrieval system, Mohd, M., Ali, N.M., 2011 International Conference on Semantic Technology and Information Retrieval, STAIR 2011, Article number 5995792, pp 220-223

899. A review of retrospective news event detection, Ramadan, Q.H., Mohd, M., 2011 International Conference on Semantic Technology and

Information Retrieval, STAIR 2011, Article number 5995790, pp 209-214

900.I-JEN: Visual interactive malaysia crime news retrieval system, Mohamad Ali, N., Mohd, M., Lee, H., Smeaton, A.F., Crestani, F., Mohd Noah, S.A., Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Volume 7067 LNCS, Issue PART 2, 2011, pp 284-294

901.A Framework for Progressive Trusting Services, Oana Dini, Pascal Lorenz, Hervé Guyennet, International Journal on Advances in Intelligent Systems, vol 3 no 3 & 4, 2010, pp. 326-346

902.Topic-Dependent-Class-Based n -Gram Language Model, Welly Naptali, Masatoshi Tsuchiya, and Seiichi Nakagawa, IEEE TRANSACTIONS ON AUDIO, SPEECH, AND LANGUAGE PROCESSING, VOL. 20, NO. 5, JULY 2012, pp. 1513-1525

903.Document Classification in Summarization, Georgios Mamakis, Athanasios G. Malamos, J. Andrew Ware, Ioanna Karelli, Journal of Information and Computing Science, Vol. 7, No. 1, 2012, ISSN 1746-7659, England, UK, pp. 25-36

173. "Comparison of Single – Rate multicast Congestion Control protocol vs ASMP", C. Bouras, A. Gkamas, G. Kioumourtzis, 16th International Symposium on Modeling, Analysis and Simulation of Computer and Telecommunication Systems – MASCOTS 2008, Baltimore, Maryland, USA, September 8 – 10, 2008, pp. 309 - 316

904.ECN-capable TCP-friendly layered multicast multimedia delivery, Chodorek, R.R., Chodorek, A., 11th International Conference on Computer Modelling and Simulation, UKSim 2009 2009, Article number 4809824, pp 553-558

174. "Multicast in UMTS: Evaluation and Recommendations", A. Alexiou, C. Bouras, Wireless Communications and Mobile Computing, Wiley InterScience, Volume 8, Issue 4, 2008, pp. 463 – 481

905.Comparative study of broadcast and multicast in 3GPP and 3GPP2 networks, Weng, J.F. Chen, J.C. Cheng, K.W.Computer Communications, 2008, Elsevier, doi: 10.1016/j.comcom.2008.07.009

906.A flexible UMTS/WLAN architecture for improved network performance, G. Lampropoulos, N. Passas, A. Kaloxylas, L. Merakos, Wireless Personal Communications Journal, Springer Verlag, Special Issue on Seamless Handover in Next Generation Wireless Mobile Networks, Volume 43, Number 3 / November, 2007 , pp. 889 - 906

907.Reducing handover delay by location management in mobile WiMAX multicast and broadcast services, Lee, J.H., Pack, S., Kwon, T., Choi, Y., IEEE Transactions on Vehicular Technology, Volume 60, Issue 2, February 2011, Article number 5658173, pp 605-617

908. Comparison of multicast/broadcast services in Long Term Evolution Advanced and IEEE 802.16m networks, Jorge Calabuig, Jose F. Monserrat, David Martín-Sacristán, Joan Olmos, *Wirel. Commun. Mob. Comput.* (2012), doi: 10.1002/wcm.2229
- 175. "An Efficient Architecture for Bandwidth Brokers in DiffServ Networks", *International Journal of Network Management, Wiley InterScience, Vol. 18, Issue 1, C. Bouras, K. Stamos, 2008, pp. 27 – 46***
909. Policy-Based Middleware for QoS Management and Signaling in the Evolved Packet System, Jean-Marie Bonnin, Carlo Giannelli and Thomas Magedanz, *MobileWireless Middleware, Operating Systems, and Applications Second International Conference, Mobilware 2009, Berlin, Germany, April 28-29, 2009 Proceedings*
910. A resource management algorithm based on multi-path max-min fairness, Zhang, M., Wu, C., Jiang, M., Yu, J., 2009 1st International Conference on Future Information Networks, ICFIN 2009, Article number 5339590, pp 76-80
911. Framework for multi-class and dynamic flow-aware admission control, Statovci-Halimi, B., Emeakaroha, V.C., *Proceedings - Conference on Local Computer Networks, LCN, 2009, Article number 5355110, pp 344-347*
912. Adaptive admission control for supporting class-based QoS, Statovci-Halimi, B., 6th Euro NF Conference on Next Generation Internet, NGI 2010 - Proceedings 2010, Article number 5534474
913. [Improving performance for multimedia traffic with Distributed Dynamic QoS adaptation](#), Cruvinel, L., Vazão, T., *Computer Communications, volume 34, issue 10, 2011, pp. 1222 – 1234*
914. [Simulation evaluation of DiffServ approach integrated in MIPv6 Networks](#), Hussien, L.F., Aisha-hassan, A.H., Anwar, F., Khalifa, O.O., Hameed, S.A., Alkateeb, W., *Australian Journal of Basic and Applied Sciences, Volume 5, Issue 5, May 2011, pp 386-396*
915. [An Enhanced Scheme To Support QoS in MIPv6 Based Networks Using DiffServ](#), Loay Faisal Ibrahim, Aisha-Hassan A. H., Farhat Anwar, Othman O. Khalifa, Omer Mahmoud, Rashid A. Saeed, Shihab A. Hameed and Jamal I. Daoud, *Australian Journal of Basic and Applied Sciences, pp 447-455, 2011, ISSN 1991-8178*
916. [Design and implementation of a Secure Bandwidth Broker Discovery Protocol](#), Okumus, I.T., Cekerekli, S., *Computer Standards and Interfaces, Volume 34, Issue 2, February 2012, pp 231-237*
- 176. "Creating dynamic personalized RSS summaries", C. Bouras, V. Pouloupoulos, V. Tsogkas, 8th Industrial Conference on Data Mining – ICDM 2008, July 16 – 18, 2008, Leipzig, Germany, 2008, pp. 1 – 15**
917. [Characterizing web syndication behavior and content](#), Hmedeh, Z., Vouzoukidou, N., Travers, N., Christophides, V., Du Mouza, C., Scholl,

- 177. "Efficient Delivery of MBMS Multicast Traffic over HSDPA", A. Alexiou, C. Bouras, V. Rekkas, Third Workshop on multimedia Applications over Wireless Networks (MediaWiN 2008), Marrakech, Morocco, July 6th, 2008, pp. 50 - 55**

918.Integration of ad-hoc networks with infrastructured systems for multicast services provisioning, Spinella, S.C., Araniti, G., Iera, A., Molinaro, A., 2009 International Conference on Ultra Modern Telecommunications and Workshops 2009, Article number 5345596

919.On the Impact of the User Terminal Velocity on HSPA Performance in MBMS Multicast Mode, Alessandro Raschellà, Anna Umbert, Giuseppe Araniti, Antonio Iera, Antonella Molinaro, Telecommunications, 2009. ICT '09, pp. 328 - 333

- 178. "Exploiting Virtual Environments to Support Collaborative e – Learning Communities", C. Bouras, E. Giannaka, Th. Tsiatsos, International Journal of Web – Based Learning and Teaching Technologies, IDEA GROUP PUBLISHING, 2008, Vol. 3, Issue 2, pp. 1 - 22**

920.Education in virtual worlds: Virtual storytelling, Danilicheva, P., Klimenko, S., Baturin, Y., Serebrov, A., 2009 International Conference on CyberWorlds, CW '09, Article number 5279531, pp 333-338

- 179. "Challenges in Cross Layer Design for Multimedia Transmission over Wireless Networks", C. Bouras, A. Gkamas, WWRF – 21st Meeting WG3 – Future Architecture, Stockholm, Sweden, 13 – 15 October 2008**

921.Recent advances in multimedia networking, Eduardo Cerqueira, Sherali Zeadally, Mikołaj Leszczuk, Marilia Curado and Andreas Mauthe, Multimedia Tools and Applications, DOI: 10.1007/s11042-010-0578-z, vol. 54, no. 3, pp. 635-647

922.Novel Cross-Layer design for VoIP services in wireless networks, Galiotos, P., Dagiuklas, T. Kotsopoulos, S., Future Network and Mobile Summit, 2010, Florence, 16-18 June 2010, pp 1 – 8

923.Cross Layer Design Challenges in WMC Systems, S.Koteswari, Dr.P.John Paul, International Journal of Engineering Trends and Technology- May to June Issue 2011

- 180. "An Efficient Mechanism for Multicast Data Transmission in UMTS", A. Alexiou, D. Antonellis, C. Bouras, Wireless Personal Communications Journal, Spinger Verlang, 2008, Vol. 44, No. 4, pp. 455 – 471**

924.Reducing handover delay by location management in mobile WiMAX multicast and broadcast services, Lee, J.H., Pack, S., Kwon, T., Choi, Y.,

- 181. "A Novel Mechanism for Radio Capacity Maximization during MBMS transmission in B3G Networks", A. Alexiou, C. Bouras, V. Kokkinos, E. Rekkas, The 11th ACM/IEEE International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems (MSWiM 2008), Vancouver, British Columbia, Canada, October 27 – 31, 2008, pp. 185 - 192**

925.Enhanced radio resource management algorithms for efficient MBMS service provision in UTRAN, Christophorou, C., Pitsillides, A., Lundborg, T., Computer Networks, Volume 55, Issue 3, 21 February 2011, pp 689-710

926.Support of multiple content variants in the multimedia broadcast/multicast service, Xylomenos, G., Katsaros, K., Tsakanikas, V., International Journal of Communication Systems Volume 24, Issue 6, June 2011, pp 691-708

- 182. "Evaluation of Different Radio Bearer Selection Approaches for MBMS in B3G Networks", A. Alexiou, C. Bouras, V. Kokkinos, E. Rekkas, IFIP Wireless Days Conference 2008, Dubai, United Arab Emirates, November 24 – 27, 2008**

927.Study on transmission bearer mechanisms for e-MBMS in LTE based femtocells, Wibowo, F.X.A., Bangun, A.A.P., Future Network and Mobile Summit, (FutureNetw), 2011 , vol., no., 15-17 June 2011, pp.1-10

- 183. "PeRSSonal's core functionality evaluation: Enhancing text labeling through personalized summaries", C. Bouras, V. Pouloupoulos, V. Tsogkas, Data and Knowledge Engineering Journal, Elsevier Science, 2008, Vol. 64, Issue 1, pp. 330 - 345**

928.Combining summaries using unsupervised rank aggregation, Palshikar, G.K., Deshpande, S., Athiappan, G., Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Volume 7182 LNCS, Issue PART 2, 2012, pp 378-389

- 184. "A Framework Model for DVEs using SIMUL8", C. Bouras, E. Giannaka, T. Tsatsos, Second International Conference on Simulation Tools and Techniques – SIMUTools 2009, Rome, Italy, March 3 – 6, 2009**

929.3D TOOLS FOR MODELING VIRTUAL SCENARIOS BASED ON LOGO, STATE OF THE ART, Luz Hermencia Santamaria Granados, Juan Francisco Mendoza Moreno, Ciencia e Ingenieria Neogranadina, ISSN 0124-8170, Vol. 19, N?. 2, 2009

- 185. "Optimal MBMS Power Allocation Exploiting MIMO in LTE Networks", A. Alexiou, C. Bouras, V. Kokkinos, V. Rekkas, 2009 IEEE 69th Vehicular Technology Conference – VTC2009 Spring, Barcelona, Spain, 26 – 29 April 2009**

930. Joint NC-ARQ and AMC for QoS-guaranteed mobile multicast, Wang, H., Schwefel, H.-P., Chu, X., Skjdeberg Tofttegaard, T., Eurasip Journal on Wireless Communications and Networking, Volume 2010, Article number 807691

- 186. "Personalization Mechanism for Delivering News Articles on the User's Desktop", C. Bouras, V. Tsogkas, The Fourth International Conference on Internet and Web Applications and Services – ICIW 2009, Venice, Italy, May 24 – 28, 2009, pp. 157 - 162**

931. Content-based news recommendation, Kompan, M., Bieliková, M., Lecture Notes in Business Information Processing, Volume 61 LNBI, 2010, pp 61-72

- 187. "Evaluation of Single Rate Multicast Congestion Control Schemes for MPEG – 4 Video Transmission", C. Bouras, A. Gkamas, G. Kioumourztis, 5th EURO – NGI Conference on Next Generation Internet Networks (NGI 2009), Aveiro, Portugal, 1 – 3, July, 2009**

932. A more realistic rtp/rtcp-based simulation platform for video streaming QoS evaluation, Fernando Boronat, Mario Montagud, Vicent Vidal, Journal of Mobile Multimedia, Volume 7 Issue 1, April 2011

933. Design of a new shaped variable bit rate algorithm for video applications, Arif, A.S.M., Hassan, S., Ghazali, O., Kadhum, M.M., International Journal of Digital Content Technology and its Applications Volume 5, Issue 9, September 2011, pp 17-28

- 188. "Simulcast Transmission for Video Applications: Performance Evaluation with an Integrated Simulation Environment", C. Bouras, A. Gkamas, G. Kioumourztis, 2009 International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS 2009), Istanbul, Turkey, July 13 – 16, 2009**

934. Towards a fairness multimedia transmission using layered-based multicast protocol, Sukocof, H., Hori, Y., Hendrawan, Sakurai, K., IEICE Transactions on Information and Systems, Volume E93-D, Issue 11, November 2010, pp 2953-2961

- 189. "Efficient Assignment of Multiple E – MBMS Sessions toward LTE", A. Alexiou, C. Bouras, V. Kokkinos, Second Joint IFIP Wireless and Mobile Networking Conference, Gdansk, Poland, September 9 - 11, 2009, pp. 240 - 250**

935. Multicast Scheduling for Scalable Video Streaming in Wireless Networks, Vladimir Vukadinovic, Gyöngyi Dén, ACM Multimedia Systems (MMSys) 2010, February 22-23, 2010, Scottsdale, Arizona, pp 77-88

- 190. "Video Transmission over TFRC using cross – layer power management", C. Bouras, A. Gkamas, V. Kapoulas, V. Papapanagiotou, K. Stamos, G. Zaoudis, The 17th International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2009), Split – Hvar – Korcula, Croatia, September 24 – 26, 2009**

936.Xstream-X264: Real-time H.264 streaming with cross-layer integration, Sarwar, G., Boreli, R., Lochin, E., Proceedings - IEEE International Conference on Multimedia and Expo 2011, Article number 6012056

- 191. "An Enhanced Mechanism for Efficient Assignment of Multiple sessions towards LTE", A. Alexiou, C. Bouras, V. Kokkinos, The 12th ACM/IEEE International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems (MSWiM 2009), Tenerife, The Canary Islands, Spain, October 26 – 30, 2009, pp. 384 - 391**

937.Resource allocation and blocking analysis for mobile TV service over WiMAX network, Seung-Eun Hong, Woo-Yong Lee, International Conference on Information and Communication Technology Convergence (ICTC), 2010, 17-19 Nov. 2010, pp 88 – 93

938.On the design of algorithms for mobile multimedia systems: A survey, Xiaoqiang Ma, Jiangchuan Liu, Hongbo Jiang, Issue, International Journal of Communication Systems, vol. 24, 2011, DOI: 10.1002/dac.1209, pp 1030-1039

- 192. "Broadband Municipal Optical Networks in Greece: A Suitable Business Model". Ch. Bouras, A. Gkamas, J. Papagiannopoulos, G. Theophilopoulos, Th. Tsiatsos. Telematics and Informatics, Elsevier Science, 2009, pp. 391-409.**

939."Techno-economic Evaluation of FTTC/VDSL and FTTH Roll-Out Scenarios: Discounted Cash Flows and Real Option Valuation". T. Rokkas, D. Katsianis, and D. Varoutas. J. Opt. Commun. Netw. 2, 760-772 (2010).

940.Business modeling and financial analysis for Metropolitan Area Networks: Evidence from Greece, Kyriakidou, V., Katsianis, D., Orfanos, I., Chipouras, A., Varoutas, D., Telematics and Informatics, Volume 28, Issue 2, May 2011, pp 112-124

941.Editorial of the Special Issue on Digital Cities, E. Loukis, Y. Charalabidis, J. Scholl, Telematics and Informatics, Volume 28, Issue 3, August 2011, Digital Cities, pp 144-147

942.Modeling of next generation network deployment in developing countries, Bogojevic, D., Gospic, N., African Journal of Business Management, Volume 5, Issue 13, 4 July 2011, pp 5271-5280

943.Broadband municipal optical networks, Costas Troulos, Vasilis Maglaris, Telecommunications Policy, Volume 35, Issues 9-10, October-November 2011, pp 842-856, PUBLIC SUPPORT FOR THE

DEPLOYMENT OF NEXT GENERATION ACCESS NETWORKS:
WHY, WHEN, HOW

944. Factors determining municipal broadband strategies across Europe, Troulos, C., Maglaris, V., *Telecommunications Policy*, Volume 35, Issue 9-10, October 2011, pp 842-856

945. Οπτικές Υποδομές Δικτύων Πρόσβασης Νέας Γενιάς: Στρατηγικές Δημοτικής Ανάμειξης (Fiber Optic Infrastructures for Next Generation Access Networks: Strategies for Municipal Intervention), Κώστας Τρούλος, Διδακτορική Διατριβή, ΕΜΠ, Αθήνα, Φεβρουάριος 2012

193. "Architectures and Performance Evaluation of Bandwidth Brokers", C. Bouras, D. Primpas, *International Journal of Network Management*, Wiley InterScience, 2009, Vol. 19, Issue 2, pp. 101 - 117

946. A resource management algorithm based on multi-path max-min fairness, Zhang, M., Wu, C., Jiang, M., Yu, J., 2009 1st International Conference on Future Information Networks, ICFIN 2009, Article number 5339590, pp 76-80

947. Architectures and performance evaluation of bandwidth brokers, Ronaldo M. Salles and Jeronymo M. A. Carvalho, *Journal of Network and Systems Management*, Volume 19, Number 3, 367-393, DOI: 10.1007/s10922-010-9185-6

948. An architecture for network congestion control and charging of non-cooperative traffic, Salles, R.M., Carvalho, J.M.A., *Journal of Network and Systems Management*, Volume 19, Issue 3, September 2011, pp 367-393

949. Practical and analytical approaches for designing scalable on-demand policy-based resource allocation in stateless IP networks, Kamel Haddadou, Samir Ghamri-Doudane, Yacine Ghamri-Doudane, Nazim Agoulmine, *International Journal of Network Management*, Article first published online: 11 AUG 2011, DOI: 10.1002/nem.796

194. "Adaptive Smooth Multicast Protocol for Multimedia Transmission: Implementation Details and Performance Evaluation", C. Bouras, A. Gkamas, G. Kioumourtzis, *International Journal of Communication Systems*, Wiley InterScience, 2009

950. ECN-capable TCP-friendly layered multicast multimedia delivery, Chodorek, R.R., Chodorek, A., 11th International Conference on Computer Modelling and Simulation, UKSim 2009, Article number 4809824, pp 553-558

951. TRASS: A transmission rate-adapted streaming server in a wireless environment, Leu, J.-S., Chen, S.-F., *International Journal of Communication Systems*, Volume 24, Issue 7, July 2011, pp 852-871

952. RRB-SIMD: RTP rate-based SIMD protocol for media streaming applications over the internet, Lusilao-Zodi, G.A., Dlodlo, M.E., De

Jager, G.D., Ferguson, K.L., Proceedings - 2011 9th Annual Communication Networks and Services Research Conference, CNSR 2011, Article number 5771194, pp 69-76

953. Multi-way Association Clustering Analysis on Adaptive Real-Time Multicast Data, Sheneela Naz, Sohail Asghar, Simon Fong and Amir Qayyum, Networked Digital Technologies Communications in Computer and Information Science, 2011, Volume 136, Part 7, 383-394, DOI: 10.1007/978-3-642-22185-9_33

954. An improved equation based rate adaptation scheme for video streaming over UMTS, Abdolkarim Mardanian Dehkordi and Vahid Tabataba Vakili, Telecommunication Systems, DOI: 10.1007/s11235-011-9668-0

955. Composite multicast congestion control by multi-objective particle swarm optimization, Ma, H.-Y., Meng, X.-R., Ma, Z.-Q., Ma, S., Yingyong Kexue Xuebao/Journal of Applied Sciences Volume 29, Issue 5, September 2011, pp 459-466

195. "Cross Layer Design for Multimedia Transmission over Wireless Networks", C. Bouras, A. Gkamas, G. Kioumourtzis, Handbook of Research on Next Generation Networks and Ubiquitous Computing, Information Science Reference, 2009

956. Architectural framework for application level QoS adaptation in next generation networks, Gardašević, G., Bojković, Z., Proceedings of the 5th International Conference on Networking and Services, ICNS 2009, Article number 4976794, pp 409-414

196. "Identifying Best Practices for Supporting Broadband Growth: Methodology and Analysis", C. Bouras, E. Giannaka, Th. Tsiatsos, Journal of Network and Computer Applications, Elsevier Science, 2009, pp. 795 - 807

957. The impact of facilities and service-based competition on internet services provision in the Canadian broadband market Van Gorp, A.F., Middleton, C.A. 2010 Telematics and Informatics 27 (3), pp.217-230

958. WiMAX: Forecasting by integrating scenario planning and Bass model Methodologies, Y Yoon, S Patino, N Jarpa, H Alanazi, 2009 PICMET: Portland International Center for Management of Engineering and Technology, Proceedings, art. no. 5261828, pp.2375-2390

959. WiMAX diffusion in USA and Korea: a comparative study integrating scenario planning and Bass model, Tugrul Daim, Sabrina L. Patino, Nathaniel Jarpa, Youngkoo Yoon, International Journal of Technology and Globalisation, Volume 4, Number 4 / 2009, pp 392 - 407

960. Broadband for public libraries: Importance, issues, and research needs, Lauren H. Mandel, Bradley Wade Bishop, Charles R. McClure, John Carlo Bertot, Paul T. Jaeger, Government Information Quarterly, Volume 27, Issue 3, July 2010, pp 280-291

961. Technology, Mobility, and Poverty Reduction, Lori Foster Thompson, Stephen G. Atkins, *The Psychology of Global Mobility*, International and Cultural Psychology, 2010, Part 4, 301-322, DOI: 10.1007/978-1-4419-6208-9_15

962. Determinants of broadband internet access take-up: Country level drivers, Jakopin, N.M., Klein, A., *Info*, Volume 13, Issue 5, August 2011, pp 29-47

197. "Platform for Distributed 3D Gaming", A. Jurgelionis, P. Fechteler, P. Eisert, F. Bellotti, H. David, J. Laulajainen, R. Carmichael, V. Pouloupoulos, A. Laikari, P. Perala. A. Gloria, C. Bouras, *International Journal of Computer Games Technology*, Hindawi Publishing Corporation, 2009, Article ID 231863

963. A server-assisted approach for mobile-phone games, Arsov, I., Preda, M., Preteux, F., *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, Volume 5960 LNCS, 2010, pp 170-187

964. RemoteME: Experiments in Thin-Client Mobile Computing, Delwadia Vipul, Master's Theses, Victoria University of Wellington

965. Secure Universal Plug and Play network, Pehkonen, V., Koivisto, J., *Sixth International Conference on Information Assurance and Security (IAS)*, 2010, 23-25 Aug. 2010, pp 11-14

966. The effect of user interface delay in thin client mobile games, Vipul Delwadia, Stuart Marshall, Ian Welch, *AUIC '10 Proceedings of the Eleventh Australasian Conference on User Interface - Volume 106*, ISBN: 978-1-920682-87-3

967. Understanding The Performance of Thin-Client Gaming, Yu-Chun Chang, Po-Han Tseng, Kuan-Ta Chen, and Chin-Laung Lei, 2011 IEEE International Workshop Technical Committee on Communications Quality and Reliability, CQR 2011, Article number 5996092

968. MPEG-4-based adaptive remote rendering for video games, Tizon, N., Moreno, C., Cernea, M., Preda, M., *Proceedings - 16th International Conference on 3D Web Technology, Web3D 2011* 2011, pp 45-50

969. ROI based video streaming for 3D remote rendering, Tizon, N., Moreno, C., Preda, M., *MMSP 2011 - IEEE International Workshop on Multimedia Signal Processing 2011*, Article number 6093837

970. Mobile cloud convergence in GaaS a Business Model proposition, Moreno, C., Tizon, N., Preda, M., *Proceedings of the Annual Hawaii International Conference on System Sciences 2011*, Article number 6149048, pp 1344-1352

971. Multi-view Rendering Approach for Cloud-based Gaming Services, Sung-Soo Kim, Kyoung-Ill Kim and Jongho Won, *AFIN 2011, The Third International Conference on Advances in Future Internet*, pp. 102-107

- 198. "Scalable Text Classification as a tool for Personalization", I. Antonellis, C. Bouras, V. Pouloupoulos, Computer Systems Science & Engineering, CRL Publishing Ltd. , 2009 Vol. 6, pp. 51 - 60**

972. Automatic keyword extraction from documents based on multiple content-based measures, Yue, K., Liu, W.-Y., Zhou, L.-P., Computer Systems Science and Engineering, Volume 26, Issue 2, March 2011, pp 133-145

- 199. "Noun retrieval effect on text summarization and delivery of personalized news articles to the user's desktop", Bouras, C., Tsogkas, V., Data and Knowledge Engineering, volume 69, issue 7, year 2010, pp. 664 – 677**

973. [SyMSS: A syntax-based measure for short-text semantic similarity](#), Oliva, J., Serrano, J.I., Del Castillo, M.D., Iglesias, A. Data and Knowledge Engineering, volume 70, issue 4, 2011, pp. 390 – 405

974. COMPENDIUM: A text summarization system for generating abstracts of research papers, Lloret, E., Romá-Ferri, M.T., Palomar, M., Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Volume 6716 LNCS, 2011, pp 3-14

975. Automatic summarization method for Chinese document based on comprehensive background concept lattice, Wang, B. , Gao, C., Journal of Convergence Information Technology, Volume 6, Issue 6, June 2011, pp 390-399

976. Is the contextual information relevant in text clustering by compression?, Granados, A. , Camacho, D. , Rodríguez, F.B., Expert Systems with Applications, Volume 39, Issue 10, August 2012, Pages 8537-8546

- 200. "Adopting forward error correction for multicasting over cellular networks", A. Alexiou, C. Bouras, A. Papazois, European Wireless 2010, Lucca, Italy, April 12 – 15, 2010, pp. 307 - 310**

977. Optimizing HARQ with rateless codes for wireless multicast under strict delay-bandwidth constraints, Tan, G., Xu, J. , Li, Y. , Xu, L., Advances in Information Sciences and Service Sciences Volume 3, Issue 7, August 2011, pp 347-356

- 201. "Assigning Web News to Clusters", C. Bouras, V. Tsogkas, The Fifth International Conference on Internet and Web Applications and Services, (ICIW 2010), Barcelona, Spain, May 9 – 15, 2010**

978. An interactive Malaysia crime news retrieval system, Mohd, M. , Ali, N.M., 2011 International Conference on Semantic Technology and Information Retrieval, STAIR 2011, Article number 5995792, pp 220-223

979. A review of retrospective news event detection, Ramadan, Q.H. , Mohd, M., 2011 International Conference on Semantic Technology and Information Retrieval, STAIR 2011, Article number 5995790, pp 209-214

980. I-JEN: Visual interactive malaysia crime news retrieval system, Mohamad Ali, N., Mohd, M., Lee, H., Smeaton, A.F., Crestani, F., Mohd Noah, S.A., Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Volume 7067 LNCS, Issue PART 2, 2011, pp 284-294

202. "Efficient Power Management Adaptation for Video Transmission over TFRC", C. Bouras, V. Papapanagiotou, K. Stamos, G. Zaoudis, The Sixth Advanced International Conference on Telecommunications (AICT 2010), Barcelona, Spain, May 9 – 15, 2010

981. Design of a new shaped variable bit rate algorithm for video applications, Arif, A.S.M. , Hassan, S. , Ghazali, O. , Kadhum, M.M., International Journal of Digital Content Technology and its Applications Volume 5, Issue 9, September 2011, pp 17-28

203. "Efficient MCS Selection for MBSFN Transmissions over LTE Networks", A. Alexiou, C. Bouras, V. Kokkinos, A. Papazois, G. Tsichritzis, IFIP Wireless Days 2010, Venice, Italy, October 20 – 22, 2010

982. Multicast scheduling for streaming video in single frequency networks, Hossein Barzegar, Master's Degree Project, Royal Institute of Technology, Stockholm, Sweden May 2011

983. Study on transmission bearer mechanisms for e-MBMS in LTE based femtocells, Wibowo, F.X.A., Bangun, A.A.P., Future Network and Mobile Summit, (FutureNetw), 2011 , vol., no., 15-17 June 2011, pp.1-10

204. "Efficient extraction of news articles based on RSS crawling", G. Adam, C. Bouras, V. Pouloupoulos, International Conference on Machine and Web Intelligence, Algiers, Algeria, October 3 – 5, 2010 (IVITED PAPER)

984. An Optimized Web Feed Aggregation Approach for Generic Feed Types, David Urbansky, Sandro Reichert, Klemens Muthmann, Daniel Schuster, Alexander Schill, Proceedings of the Fifth International AAAI Conference on Weblogs and Social Media, pp 638-641

985. Feeding the world: A comprehensive dataset and analysis of a real world snapshot of web feeds, Reichert, S. , Urbansky, D., Muthmann, K., Katz, P. , Wauer, M., Schill, A., ACM International Conference Proceeding Series 2011, pp 44-51

205. "Spectral Efficiency Performance of MBSFN – enabled LTE Networks", A. Alexiou, C. Bouras, V. Kokkinos, A. Papazois, G. Tsichritzis, 6th IEEE International Conference on Wireless and Mobile Computing, Networking and

Communication (WiMob'2010), Niagara Falls, Canada, October 11 – 13, 2010, pp. 361 - 367

986. Study on transmission bearer mechanisms for e-MBMS in LTE based femtocells, Wibowo, F.X.A., Bangun, A.A.P., Future Network and Mobile Summit, (FutureNetw), 2011, vol., no., 15-17 June 2011, pp.1-10

206. "Performance Evaluation of MPEG – 4 Video Transmission with the Adaptive Smooth Multicast Protocol (ASMP)", C. Bouras, A. Gkamas, G. Kioumourztis, The Fifteenth IEEE Symposium on Computers and Communications (ISCC'10), Riccione, Italy, June 22 – 25, 2010, pp. 540 - 545

987. Smoothing and Modeling of Video Transmission Rates over a QoS Network with Limited Bandwidth Connections, Khaled Shuaib, Farag Sallabi, Liren Zhang, International Journal of Computer Networks & Communications (IJCNC) Vol.3, No.3, May 2011

988. Video content complexity and performance of video transmission over IP and WLAN networks, Vranješ, D., Vranješ, M., Rimac-Drlje, S., Proceedings Elmar - International Symposium Electronics in Marine 2011, Article number 6044278, pp 273-276

207. "Communication Cost Analysis of MBSFN in LTE", A. Alexiou, C. Bouras, V. Kokkinos, G. Tsihrizis, The 21st IEEE Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC 2010), Istanbul, Turkey, September 26 – 30, 2010, pp. 1366 1371

989. A Simulated Annealing Algorithm for the Transmission Mode Selection of Multicast Services in LTE Networks, Min Wang, Chunyan Feng, Tiankui Zhang, The 14th International Symposium on Wireless Personal Multimedia Communications (WPMC'11), 289-293

990. NACK-based retransmission schemes for MBMS oversingle frequency network in LTE, Lu, C.-C., Chung, W.-C., Chang, C.-J., Ren, F.-C., Proceedings of the 2011 6th International ICST Conference on Communications and Networking in China, CHINACOM 2011, Article number 6158164, pp 284-288

991. Robust multicast scheduling based on relaying, power control, and rate adaptation in wireless networks, Rubin, I., Hedayati, K., 2011 IEEE GLOBECOM Workshops, GC Wkshps 2011, Article number 6162352, pp 1116-1121

992. Study on Transmission Bearer Mechanisms for e-MBMS in LTE based Femtocells, F.X. Ari Wibowo, Arya Adi Prakasa Bangun, Future Network & Mobile Summit (FutureNetw), 2011, vol., no., 15-17 June 2011, pp.1-10

208. "Adaptive Smooth Simulcast Protocol (ASSP) for Video Applications: Description and Performance Evaluation" C. Bouras, A. Gkamas, G.

Kioumourtzis, Journal of Network and Systems Management, Springer Verlag, 2011, Vol. 19, Issue. 2, pp. 143 - 177

993.Design of a new shaped variable bit rate algorithm for video applications, Arif, A.S.M. , Hassan, S. , Ghazali, O. , Kadhum, M.M., International Journal of Digital Content Technology and its Applications Volume 5, Issue 9, September 2011, pp 17-28

209. "Security issues for multi – domain resource reservation", C. Bouras, K. Stamos, Network Security, Administration, and Management: Advancing Technologies and Practices, IGI Global 2011, Chapter 3, pp. 38 - 50

994.Design and implementation of a Secure Bandwidth Broker Discovery Protocol, Okumus, I.T., Cekerekli, S., Computer Standards and Interfaces, Volume 34, Issue 2, February 2012, pp 231-237

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