

Europass Curriculum Vitae

Personal information

Surname(s) / First name(s) **Douligeris Christos**
Address(es) Militou 98, 16451 Argyroupolis, Greece
Telephone(s) +30 210 414 2137 Mobile +30 6944 120 153
Fax(es) +30 210 414 2472
Nationality Greek
Date of birth January 19, 1962
Gender Male

Desired employment / Occupational field

Electrical and Computer Engineering and Science

Work experience

Dates 1998-present
Occupation or position held Professor (2008-), Associate Professor (2004-2008), Assistant Professor (1998-2004)
Main activities and responsibilities Teaching and research
Name and address of employer University of Piraeus, Department of Informatics, Karaoli and Dimitriou 80, Piraeus Greece
Type of business or sector University
Dates 2008-2010
Occupation or position held Chairman of the Board
Main activities and responsibilities Directing a public company with over 400 employees
Name and address of employer Electronic Government for Social Security, SA (HDIKA SA), Lagoumitzi 40 Athens, Greece
Type of business or sector Information and Communication Technologies
Dates 2003-2008
Occupation or position held Member
Main activities and responsibilities Governance of an Independent Authority, auditing, preparation of decisions
Name and address of employer Hellenic Authority for Privacy in Communications, ADAE, Ieroy Lochou 3, Marousi, Greece
Type of business or sector Public Body, Independent Authority

Education and training

Dates 1987-1989
Title of qualification awarded PhD

Principal subjects/occupational skills covered
Telecommunications

Name and type of organisation providing education and training
Columbia University, New York, NY, USA

Dates
1985-1987

Title of qualification awarded
Masters of Philosophy

Principal subjects/occupational skills covered
Telecommunications

Name and type of organisation providing education and training
Columbia University, New York, NY, USA

Dates
1984-1985

Title of qualification awarded
MSc

Principal subjects/occupational skills covered
Telecommunications

Name and type of organisation providing education and training
Columbia University, New York, NY, USA

Dates
1979-1989

Title of qualification awarded
Diploma in Electrical Engineering

Principal subjects/occupational skills covered
Electrical Engineering

Name and type of organisation providing education and training
Department of Electrical Engineering, National Technical University of Athens, Greece

Personal skills and competences

Mother tongue **Greek**

Other language(s) **English, French, Spanish**

() Common European Framework of Reference for Languages*

Social skills and competences Open, social person

Organisational skills and competences Very good in organizing laboratories, conferences and technical symposia.

1	3																		
---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Driving licence Greek car and motorbike driver licenses

Additional information References upon request

- Annexes**
- Annex 1: Additional work and academic experience
 - Annex 2: Books and Monographs
 - Annex 3: Research papers in journals and conferences
 - Annex 4: Awards, projects
 - Annex 5: Student supervision
 - Annex 6: Committees
 - Annex 7: Educational Experience

Annex 1: Additional work and academic experience

University of Piraeus, NetLab, Founder and Director,
University of Piraeus, ICT Committee, Chair, 2013- present
University of Piraeus, Dept of Digital Systems, Member of Faculty Council, 2004-2005
University of Peloponese, Dept of Telecommunications, Member of Faculty Council, 2004-2009
Ionian University, Department of Informatics, Founding Member, Member of Faculty Council, 2004- present
National Organization for Health Services Provision, Associate Member, January 2016 -- present
Technological and Educational Institution of Ionian Islands, Member of Board, May 2015 – present
National Council for Electronic Commerce, Executive Committee, 2006-2011
Research and Academic Computer Technologies Institute, Member of the Board, 2006-2011

University of Miami, Ocean Pollution Research Center (OPRC), Assoc. Dir. for Engineering (1990-1998)
INRS Telecommunications, University of Quebec, Canada, Visiting Scientist, May-June 1990.
Columbia University, Center for Telecommunications Research (CTR), Research Assistant, 1984-1989.
IKO KABEL (Sweden), Assistant to Chief Engineer, Summer 1982.
Compunetics Inc., Consulting 1989-1990.
National Technical University of Athens, Visiting Professor, Spring 1997
Greek Ministry of Education, Consultant / Scholar, Spring 1997.
National Institute of Agricultural Research, Computer Consultant, 1999-2004

Annex 2: Books and Monographs

S. Mitropoulos and C. Douligeris, Web Based Information Systems, electronic book at kallipos.gr, 2015
M. Chiang, Networked Life, Translation and General editing of the Greek edition, New Technologies Publishers, Greece, 2014
C. Douligeris and D. Serpanos (editors), Network Security, IEEE / John Wiley, New York, 2007
C. Douligeris, Telecommunication and Network Protocols, Niriides, Athens, 2005
C. Douligeris, R Mavropodi and E. Kopanaki, Web Technologies, Niriides, Athens 2004.
C. Douligeris and G. Tsihrintzis, Principles and Applications of Signals and Systems, Varmar, Athens 2003.
Douligeris, C., Optimal Flow Control and Fairness in Communications Networks - A Game Theoretic Perspective», Ph.D. Dissertation, Columbia University, 1990, University Microfilms International, Ann Arbor, MI, 146 pp.
C. Douligeris, ATM Traffic Control, IEEE ICC' 96, Tutorials and Workshops, 111 pp.
C. Douligeris et al, Introduction to Computer Science, High School Textbook, Institute of Educational Policy, Greece, 2014.
C. Douligeris et al, Using Computers: Multimedia and Office Automation, Pedagogical Institute of Greece, 2002.

- C. Douligeris et al, Programming in the Internet, Pedagogical Institute of Greece, 2000.
- C. Douligeris et al, Programming in the Internet, (Teacher's book), Pedagogical Institute of Greece, 2000.
- C. Douligeris et al, Programming in the Internet, (Lab book), Pedagogical Institute of Greece, 2000.
- C. Douligeris et al, Programming in the Internet, Pedagogical Institute of Greece, 2000.

Annex 3: Research papers in journals and conferences

Journal papers

1. C. Douligeris and R. Mazumdar, 'Efficient Flow Control in a Multiclass Telecommunications Environment', IEE Proceedings, Part I, Vol. 138, No. 6, pp. 494-502, December 1991.
2. C. Khawand, C. Douligeris and J. Khawand , 'Common Application Language and its Integration into a Home Automation System', IEEE Transactions on Consumer Electronics, Vol. 37, No. 2, pp. 157-163, 1991
3. R. Mazumdar, L.G. Mason and C. Douligeris , 'Fairness in Network Optimal Flow Control: Optimality of Product Forms', IEEE Transactions on Communications, Vol. 39, No. 5, pp. 775-782, May 1991
4. C. Douligeris and R. Mazumdar , 'A Game Theoretic Perspective to Flow Control in Telecommunication Networks', Journal of the Franklin Institute, Vol. 329, No. 3, March 1992, pp. 383-402
5. Z. Zhang and C. Douligeris, 'Convergence of Synchronous and Asynchronous Greedy Algorithms in a Multiclass Telecommunications Environment', IEEE Transactions on Communications, Vol. 40, No. 8, August 1992, pp. 1277-1281
6. J. Khawand, C. Douligeris and C. Khawand , 'A Physical Layer Implementation for a Twisted Pair Home Automation System', IEEE Transactions on Consumer Electronics Vol. 38, No. 3, pp. 530-536, 1992
7. K.G. Zografos, C. Douligeris and L. Chaoxi , 'Model for Optimum Deployment of Emergency Repair Trucks: Application in Electric Utility Industry', Transportation Research Record, No. 1358, pp. 88-94, 1992
8. J. Kyparisis and C. Douligeris , 'Single Machine Scheduling and Selection to Minimize Total Flow Time with Minimum Number Tardy', Journal of the Operational Research Society, Vol. 44, No. 8, pp. 835-838, 1993
9. C. Douligeris, 'Intelligent Home Systems' IEEE Communications Magazine Special Issue on Intelligent Buildings: From Materials to Multi-media, Vol. 31, No. 10, pp. 52- 61, October 1993
10. D. Cross and C. Douligeris, 'A Fiber Optic Home Automation System', IEEE Transactions on Consumer Electronics, Vol. 39, No. 3, pp. 636-645, August 1993
11. C. Douligeris, J. Khawand and C. Khawand , 'Data Link Layer Design Issues in a Home Automation System', International Journal of Communication Systems Vol. 7, No. 3, pp. 231-246, July-Sept. 1994
12. C. Douligeris, 'Deploying Quality Improvement Programs in a Telecommunications Environment' Annual Review of Communications International Engineering Consortium Vol. 47, pp. 911-917, Vol. 49, 1994
13. C. Douligeris and I. Pereira, 'A Telecommunications Quality Study Using the Analytic Hierarchy Process', IEEE Journal on Selected Areas on Communications Special Issue on Quality of Telecommunications Services, Networks and Products, Vol. 12, No 2, February 1994, pp. 241-250.
14. S. Liebesman, C. Douligeris and H. Pham, 'Quality Assurance Management' IEEE Communications Magazine Special Issue on Quality Assurance Management Editorial, October 1994, Vol. 32, No. 10, p. 25
15. C. Douligeris, E. Iakovou and A. Korde, 'A Synthesis of Decision Models for Analysis, Assessment, and Contingency Planning for Oil Spill Incidents' Omega, The International Journal of Management Science Vol. 22, No. 5, pp. 457-470, 1994
16. K. G. Zografos, C. Douligeris and L. Chaoxi , 'Simulation Model for Evaluating the Performance of an Emergency Response Fleet', Transportation Research Record, Vol. 1452, pp. 27-34, 1994

17. C. Douligeris and R. Mazumdar, 'Multilevel Flow Control in Telecommunication Networks', *Journal of the Franklin Institute*, Vol. 331B, No. 4, 1994, pp. 417-433
18. C. Douligeris, 'Multiobjective Flow Control in Delay Constrained Telecommunication Networks', *Journal of the Franklin Institute*, Vol. 331B, No. 1, pp. 77-100, January 1994
19. L. N. Kumar, C. Douligeris and G. Develekos, 'Implementation and Convergence of a Decentralized Pareto Optimal Algorithm', *Computer Communications*, Vol. 17, No. 8, August 1994, pp. 600-610
20. T. C. Wan and C. Douligeris, 'Improved Estimator for a Discretized Learning Algorithm', *Electronics Letters*, Vol. 30, No. 2, 108-110, January 1994
21. C. Douligeris and L. N. Kumar, 'Fairness Issues in the Networking Environment: A Survey', *Computer Communications*, Vol. 18, No. 4, April 1995, pp. 288-299
22. H. Fahmy and C. Douligeris, 'END: An Expert Network Designer', *IEEE Network*, November/December 1995, Vol. 9, No 6., pp. 18-27.
23. C. Douligeris, 'Evaluation of Alternative Telecommunications Services using the Analytic Hierarchy Process', *Annual Review on Communications, International Engineering Consortium* Vol. 49, pp. 499-507, 1996
24. C. Douligeris, C. Khawand and J. Khawand, 'A Platform for a Home Automation Application Layer Design', *International Journal of Mini and Microcomputers*, Vol. 18, No. 1, 1996, pp. 51-60
25. C. Douligeris, C. Khawand and J. Khawand, 'Network Layer Design Issues in a Home Automation System', *International Journal of Communication Systems*, Vol. 9, pp. 105-113, 1996
26. Y. Stephanedes, C. Douligeris and Sadao Takaba, 'Communications for Intelligent Transportation Systems', *IEEE Communications Magazine*, Editorial, October 1996, Vol. 34, No. 10, 24-&.
27. C. Douligeris, Matthias Kaiserswerth and Hiroshi Takeda, 'Communications for the Medical Environment', *IEEE Communications Magazine*, Guest Editorial, Vol. 34, No. 7, July 1996, pp. 18-19.
28. C. Douligeris, J. Collins, E. Iakovou, P. Sun, R. Riggs, and C. Mooers, 'Development of OSIMS: An Oil Spill Information Management System', *Spill Science and Technology Bulletin*, Vol.2, No. 4, pp. 255-263, Dec. 1995.
29. E. Iakovou, and C. Douligeris, 'Strategic Transportation Model for Oil in US Waters', *Computers and Industrial Engineering*, Vol. 31, No. 1/2, pp. 59-62, 1996.
30. H. Li, E. Iakovou and C. Douligeris, 'Strategic Planning Model for Marine Oil Transportation in the Gulf of Mexico', *Transportation Research Record*, No. 1522, 1996, pp. 108-115.
31. E. Iakovou, C. M. Ip, C. Douligeris and A. Korde, 'Optimal Location and Capacity of Emergency Cleanup Equipment for Oil Spill Response', *European Journal of Operational Research*, Jan. 1997, Vol. 96, No. 1, pp. 72-80.
32. L. N. Kumar and C. Douligeris, 'Demand and Service Matching at Heavy Loads: A Dynamic Bandwidth Control Mechanism for DQDB MANs', *IEEE Transactions on Communications*, Vol. 44, No. 11, Nov. 1996, pp. 1485-1495.
33. Y. C. Ling and C. Douligeris, 'Rate Regulation with Feedback Controller in ATM Networks - A Neural Network Approach», *IEEE JSAC, Special Issue on Computational Intelligence for High Speed Networks*, Vol. 15 No.2, Feb. 1997, pp. 200-208.
34. H. Fahmy, G. Develekos, and C. Douligeris, 'Application of Neural Networks and Machine Learning in Network Design', *IEEE JSAC, Special Issue on Computational Intelligence for High Speed Networks*, Vol. 15 No.2, Feb. 1997, pp. 226-237.

35. C. Douligieris and J. Collins, 'Prototype Oil Spill Information Management System', in Rafi Ahmad, Natural Hazards and Hazard Management in the Greater Caribbean and Latin America, Jamaica, W.I., 1997.
36. C. Douligieris and G. Develekos, 'Neuro-Fuzzy Control in ATM Networks', IEEE Communications Magazine, Vol. 35, No. 2, May 1997, pp. 154-162.
37. C. Douligieris, E. Iakovou, J. Englehardt, H. Li C. Ip and C. Mooers, 'Development of a National Marine Oil Transportation System Model', Spill Science and Technology Bulletin, Vol. 4, No. 2, pp. 113-121, 1997.
38. K. G. Zografos, C. Douligieris and P. Tsoumpas, 'An Integrated Framework for Managing Emergency Response Operations: The Case of the Electric Utility Companies' IEEE Transactions on Engineering Management Special Issue on Emergency Management and Engineering, Vol. 45, No. 2, May 1998, pp. 115-126
39. H. I. Fahmy and C. Douligieris, 'COMNED: COMputer Networks Expert Designer", New Review of Applied Expert Systems, Vol. 4, 1998, pp. 61-78.
40. L. N. Kumar and C. Douligieris, 'The Dynamic 3-Tier Protocol: An Access Remedial Scheme for DQDB Metropolitan Area Networks', Computer Communications, Vol. 21, No. 7, pp. 624-643, 1998.
41. E. Aboelela and C. Douligieris, "Fuzzy Multiobjective Routing Model In B-ISDN", Computer Communications (Elsevier), Special Issue on the Stochastic Analysis and Optimisation of Communication Systems, 1998, 21, 17, pp. 1572 -1585.
42. E. Iakovou, C. Douligieris, H. Li, C. Ip and L. Yudbir, 'A Maritime Global Route Planning Model for Hazardous Materials Transportation", Focussed Issue on Maritime Transportation, Transportation Science, Vol. 33, No. 1, pp. 34-48, Feb. 1999.
43. C. Douligieris, 'Home Automation", Wiley Encyclopedia of Electrical and Electronics Engineering, Vol., 9 New York, 1999, pp. 122-138.
44. C. Douligieris, G. Develekos, K. G. Zografos, E. N. Dialynas, 'Service Restoration", Wiley Encyclopedia of Electrical and Electronics Engineering, Vol. 17, New York, 1999, pp. 86-96
45. C. Douligieris and S. Palazzo, 'Fuzzy Expert Systems in ATM Networks', in L. C. Jain (ed.), Fusion of Neural Networks, Fuzzy Sets and Genetic Algorithms: Industrial Applications, CRC Press, Boca Raton, FL, 1999, pp. 231-254.
46. C. Douligieris and B. K. Singh, 'Analysis of Neural Network Based Congestion Control Algorithms for ATM Networks', Engineering Applications of Artificial Intelligence, 12, 4, pp. 453-470, 1999.
47. E. Aboelela and C. Douligieris, 'Fuzzy network approach for solving an optimisation model for routing in B-ISDN", Telecommunication Systems, Vol. 12, Nos 2-3, 1999, pp. 237-263.
48. E. Gelenbe, I. W. Habib, S. Palazzo and C. Douligieris, 'Intelligent Techniques in High Speed Networks', Vol. 18, No. 2, pp. 145-149, Feb. 2000.
49. Z. Mao and C. Douligieris, A Location-Based Mobility Tracking Scheme for PCS Networks, Computer Communications, Vol. 23 (18), pp. 1729-1739, 2000.
50. E. Aboelela and C. Douligieris, "Fuzzy Reasoning Approach for QoS Routing in B-ISDN", Journal of Intelligent and Fuzzy Systems, Vol. 9, Nos 1-2, 2000, pp. 11-27.
51. C. Douligieris and Y. C. Liu, 'Fuzzy Rate Regulation with Feedback Controllers in ATM Networks', Computational Intelligence in Telecommunications, Vasilakos and Pedrycz (editors), CRC Press, Sept. 2000, pp. 177-196.
52. E. Iakovou and C. Douligieris, "An Information Management System for the Emergency Management of Hurricane Disasters", International Journal of Risk Management and Contingencies, Vol. 2, Nos 3/4, 2001, pp. 243-262.

53. Gang Feng, Christos Douligeris, "A Neural network method for minimum delay routing in packet-switched networks," *Computer Communications*, Vol. 24, pp. 933-941, 2001.
54. E. Aboelela and C. Douligeris, "Fuzzy Optimization Model for Quality of Service Routing and Bandwidth Allocation", *Advances in Informatics*, Eds D. I. Fotiadis and S. D. Nikolopoulos, World Scientific. 2000, pp. 18-29.
55. C. Douligeris, "Telecommunications Networking", *Encyclopaedia of Library and Info Science*, Vol. 68, Suppl. 31, Exec. Editor Allen Kent, Marcell Dekker, Inc, NY, 2001, pp. 308-319.
56. C. Douligeris, *Computer Networks Design Using Hybrid Fuzzy Expert Systems*, *Soft Computing*, Springer Verlag, 5, 4, 272-286, 2001.
57. C. Douligeris and A. Vasilakos, *Mobile IP Protocols*, in "Handbook of Wireless Networks and Mobile Computing" (John Wiley & Sons), 2002, pp. 529-552, Edited by: Ivan Stojmenovic.
58. J. Papadakis and C. Douligeris, *Design and Architecture of a Digital Music Library on the Web*, *The New Review in Hypermedia and Multimedia*, Special Issue on Digital Libraries, vol. 7, pp. 115-126, 2001.
59. G. Feng and C. Douligeris, "On the Convergence and Parameter Relation of Discrete-Time Continuous-State Hopfield Networks with Self-Interaction Neurons", *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Science*, Vol. E84A, No. 12, December 2001, pp. 3162-3173.
60. G. Feng and C. Douligeris, "An Efficient Approximate Algorithm for Finding Paths with two Additive Constraints", *IEICE Transactions on Communications*, D, Vol.E85-B No.6 pp. 1143-1151.
61. C. Douligeris, P. Tebeau and B. Baca, "Shoreline Remediation and Restoration in Oil Spill Contingency Planning", έγινε δεκτή για δημοσίευση στο *International Journal of Environment and Pollution*, Vol. 17, 2001, η εργασία δεν δημοσιεύτηκε.
62. E. Iakovou, C. Douligeris and L. Yudhbir, "An Oil Spill Risk Assessment and Allocation Model for Maritime Transportation of Hazardous Materials", *International Journal of Environment and Pollution*, έγινε δεκτή για δημοσίευση στο Vol. 17, 2001, η εργασία δεν δημοσιεύτηκε.
63. I. Papadakis and C. Douligeris, "Issues and Opportunities in e-journal CMSs", in *Content Management Systems*, Scarecrow Press, editor Brad Eden.
64. Z. Mao and C. Douligeris, "Group Deregistration Strategies for PCS Networks", *IEEE Communications Letters*, Vol. 6, No. 4, April 2002, pp. 141-143.
65. G. Feng and C. Douligeris, "Linear and Nonlinear Lagrange Relaxation Algorithms for Delay-Constrained Least-Cost QoS Routing", *IEICE Transactions on Communications*, Vol. E85A-B, No. 11, pp. 2437-2446, Nov. 2002.
66. C. Douligeris and D. Wheeler, "Telecommunication Networks Security", *IEEE Communications Magazine*, Vol. 40, No. 10, pp. 40-41, October 2002.
67. E. Aboelela and C. Douligeris, "Marginal Bandwidth Allocation in Fuzzy Optimization Routing Model" in *Quality and Reliability of Large Scale Telecommunication Systems, Case Studies: Olympic Games* (John Wiley & Sons), Edited by Peter Stavroulakis, New York, 2003.
68. C. Douligeris, A. Pitsillides and D. Panno, "Computational Intelligence in Telecommunications Networks", *Computer Communications* (Elsevier), Vol. 25, No 16, October 2002, pp. 1413-1414.
69. G. Feng, K. Makki, N. Pissinou, C. Douligeris, *Heuristic and Exact Algorithms for QoS Routing with Multiple Constraints*, *IEICE Transactions on Communications*, Vol.E85-B No.12, pp. 2838-2850, 2002.

- 70.Z. Mao and C. Douligeris, "A Distributed Database Architecture for Global Roaming in Next-Generation Mobile Networks", *IEEE/ACM Transactions on Networking*, Vol. 12, No. 1, Feb. 2004, pp. 146-160.
- 71.P. Kotzanikolaou, V. Chrissikopoulos, M. Burmester, C. Douligeris, « Role Based Access Control Policies in the Mobile Agent Paradigm», *Informatik Forum Special Issue Special Issue on Mobile Agent Technology*, Vol. 14, No. 2, pp. 62-69, Dec. 2002.
- 72.P. Kotzanikolaou, R. Mavropodi, C. Douligeris, V. Chrissikopoulos, "Secure Distributed Intelligent Networks", *Computer Communications, Special Issue on Security*, Vol. 29, No. 3, pp. 325-336, 2006.
- 73.Z. Mao and C. Douligeris, "Location Tracking in mobile networks: a scheme and an analysis framework", *IEE Electronic Letters*, Vol. 39, No. 19, pp. 1406-1408, Sept, 2003.
- 74.C. Douligeris and A. Mitrokotsa, "DDOS attacks: Classification and a State of the Art", *Computer Networks*, Vol. 44, No. 5, pp. 643-666, April 2004.
- 75.Z. Mao and C. Douligeris, "An Integrated Strategy for Reducing Location Management Cost", *IEEE Communication Letters*, Vol. 8, No 1, Jan. 2004, pp. 33-35.
- 76.C. Douligeris and Z. Mao, "Location Management in Wireless Networks", in *Design and Analysis of Wireless Networks*, Nova Science Publishers, 2004.
- 77.R. Mavropodi and C. Douligeris, "Intelligent Networks: Security Issues and Performance Evaluation", *Annual Review of Telecommunications*, Vol. 57, 2004.
- 78.G. Kastaniotis, N. Zacharis, T. Panayiotopoulos and C. Douligeris, "Intelligent Web Prefetching Based upon User Profiles – The WebNaut Case", *LNAI 3025*, pp. 54-62, 2004
- 79.T. Zahariadis and C. Douligeris, "WLAN Technologies", *Handbook of Wireless Local Area Networks: Applications, Technology, Security, and Standards*, edited by M. Ilyas and S. Ahson, CRC Press, 2005.
- 80.C. Douligeris and D. D. Vergados, "Wireless Local Area Networking: QoS Provisioning and Resource Management", *IEEE Network*, July/August 2005, Vol. 19, No. 4, pp 3-6.
- 81.C. Douligeris and N. Tilipakis, "A Knowledge Management Paradigm in the Supply Chain", *Euro- Med Journal of Business*, Feb. 2006, Vol. 1, No. 1, pp. 66-83.
- 82.C. Douligeris and Z. Mao, "Group Registration with Local Anchor for Location Tracking in Mobile Networks", *IEEE Transactions on Mobile Computing*, Vol. 5, No. 5, May 2006, pp. 583-595.
- 83.N. Komninos, D. Vergados and C. Douligeris, "Layered security design for mobile ad-hoc networks", *Computers and Security (Elsevier)*, Volume 25, Issue 2, 1 March 2006, Pages 121-130.
- 84.S. Mitropoulos, D. Patsos and C. Douligeris, "On Incident Handling and Response: A State-of-the-Art Approach", *Computers and Security (Elsevier)*, Volume 25, Issue 5, 1 July 2006, Pages 351-370.
- 85.N. Komninos, D. Vergados and C. Douligeris, "Detecting Unauthorized and Compromised Nodes in Mobile Ad-Hoc Networks", *Ad Hoc Networks*, Vol 5/3 pp. 289-298, 2006.
- 86.S. Mitropoulos and C. Douligeris, "A Policy-Driven Methodology for Managing Telecommunication Networks", *Annual Review of Communications*, Vol. 59, 2006, pp. 615-624.
- 87.E. Zintzaras, M. Bai, C. Douligeris and P. Kanavaros, "A tree-based decision rule for identifying profile groups of cases without pre-defined classes: application in diffuse large B-cell lymphomas", *Computers in Biology and Medicine*, Vol. 37, No. 5, pp. 637-641, May 2007.

- 88.D. Vergados, D. J. Vergados, C. Douligeris and S. Tombros, "QoS-aware TDMA for End-to-End Traffic Scheduling in Ad-hoc Networks", IEEE Wireless Communications, Vol. 13, No. 5, pp. 68-74, October 2006.
- 89.R. Mavropodi, P. Kotzanikolaou and C. Douligeris, "SecMR – A Secure Multipath Routing Protocol for Ad Hoc Networks", Ad Hoc Networks (Elsevier), Volume 5, Issue 1, January 2007, Pages 87-99.
- 90.A. Mitrokotsa and C. Douligeris, "E-government and Denial of Service Attacks", Secure E-Government Web Services, edited by A. Mitrakas, P. Hengeveld, D. Polemi and J. Gamper, Idea Group Publishers, 2006, Chapter VIII, pp. 124-142.
- 91.C. Douligeris, D. D. Vergados and Z. Mao, "Location Management in Wireless Networks: Issues and Technologies", Resource Mobility, and Security Management in Wireless Networks and Mobile Communications, Edited by Y. Zhang, H. Hu and M. Fujise, Auerbach Publications, New York, 2006, pp. 389-415.
- 92.X. Δουληγέρης, «Ασύρματα Δίκτυα και Θεωρία Παιγνίων», Επιστημονική Επετηρίδα προς τιμήν του Καθ. Α. Παναγιωτόπουλου (2006), Πειραιάς. σελ. 355-394.
- 93.S. Mitropoulos, D. Patsos and C. Douligeris, "Incident Response Requirements for Distributed Security Information Management Systems", Information Management & Computer Security, Emerald Publishers, Volume 15, Issue 3, 2007, pp. 226-240.
- 94.N. Komninos, D. Vergados and C. Douligeris, Multifold Node Authentication in Mobile Ad-Hoc Networks, International Journal of Communications Systems (Wiley), Vol. 20, pp. 1391-1406, 2007.
- 95.N. Komninos, D. Vergados and C. Douligeris, "A Two-Step Authentication Framework in Mobile Ad-Hoc Networks", China Communications Journal, Vol. 4, No. 1, Feb. 2007, pp. 28-39.
- 96.A. Kaliontzoglou, B. Meneklis, D. Polemi and C. Douligeris, "A Formalized Design Method for Building E-government Architectures", Secure E-Government Web Services, edited by A. Mitrakas, P. Hengeveld, D. Polemi and J. Gamper, Idea Group Publishers, 2006, Chapter XV, pp. 254-281.
- 97.N. Komninos, D. D. Vergados and C. Douligeris, "Authentication in a layered security approach for mobile ad hoc networks", Computers and Security, Vol. 26, No. 5, 2007, pp. 373-380.
- 98.E. Magkos, P. Kotzanikolaou and C. Douligeris, "Towards Secure Online Elections – Models, Primitives and Open Issues", Electronic Government, an International Journal, Vol. 4, No. 3, 2007, pp. 249-268.
99. P. Kotzanikolaou and C. Douligeris, "Computer Network Security: Basic Background and Current Issues", in: Network Security : Current Status and Future Directions, Edited by C. Douligeris and D. N. Serpanos, IEEE Press, 2007, pp. 1-12.
100. A. Mitrokotsa and C. Douligeris, " Denial – of – Service" Attacks, in: Network Security: Current Status and Future Directions, Edited by C. Douligeris and D. N. Serpanos, IEEE Press, 2007, pp. 117-134.
101. C. Douligeris and G. Ninios, " Security in Web Services", in: Network Security: Current Status and Future Directions, Edited by C. Douligeris and D. N. Serpanos, IEEE Press, 2007, pp. 179-204.
102. P. Kotzanikolaou, C. Douligeris , R. Mavropodi, and V. Chrissikopoulos, " Mobile Agent Security", in: Network Security: Current Status and Future Directions, Edited by C. Douligeris and D. N. Serpanos, IEEE Press, 2007, pp. 257-269.
103. M. Burmester, P. Kotzanikolaou , and C. Douligeris, "Security in Mobile Ad Hoc Networks", in: Network Security: Current Status and Future Directions, Edited by C. Douligeris and D. N. Serpanos, IEEE Press, 2007, pp. 355-374.

104. P. Kotzanikolaou and C. Douligeris, "Cryptography Primer: Introduction to Cryptographic Principles and Algorithms", in: *Network Security: Current Status and Future Directions*, Edited by C. Douligeris and D. N. Serpanos, IEEE Press, 2007, pp. 459-479.
105. N. Tilipakis and C. Douligeris, "Efficient Product Choice through Ontology-based Recommender Systems", *Journal of Value Chain Management, Special Issue on E-Services: Opportunities and Threats*, H. Evanschitzky and G. R. Iyer (Eds), Vol. 1, No. 1/2, May 2007, pp. 111-132.
106. C. Tselikis, S. Mitropoulos and C. Douligeris, "An Evaluation of the Middleware's Impact on the Performance of Web-based Distributed Applications", *Journal of Systems and Software*, Vol 80, No. 7, pp. 1169-1181, 2007.
107. D. D. Vergados, A. Panoutsakopoulos and C. Douligeris, «Group Registration with Distributed Databases for Location Tracking in 3G Wireless Networks», *Computer Networks (Elsevier)*, Vol. 52, pp. 1521-1544, 2008.
108. S. Drakatos, N. Pissinou, K. Makki, and C. Douligeris, "A context-aware Cache Structure for Mobile Computing Environments", *Journal of Systems and Software (Elsevier)*, Vol 80, No. 7, pp. 1102-1119, 2007.
109. A. Mitrokotsa and C. Douligeris, "Intrusion Detection using Emergent Self-Organizing Maps", LNCS, 3955, 559-562, 2006 (Proceedings Advances in Artificial Intelligence: 4th Hellenic Conference on AI, SETN 2006, Heraklion, Crete, Greece, May 18-20, 2006.)
110. C. Douligeris and P. Kotzanikolaou, "Network Security", *Encyclopedia of Life Support Systems (EOLSS)*, 2007.
111. A. Mitrokotsa, N. Komninos and C. Douligeris, "Intrusion Detection and Response in Ad Hoc Networks", *International Journal of Computer Research (Nova Science Publishers)*, Vol. 15, No. 1, pp. 23-56, 2007.
112. Mitropoulos S., Douligeris C. 2007. 'Service Definition, Deployment, Management and Architectures in Telecommunication Networks: From Intelligent Networks to Service Oriented Architectures', *Annual Review of Communications*, Volume 60, IEC Publications
113. Mitropoulos S., Douligeris C., Sakelli, K. 2008. 'Network Forensics Methods, Categorization and Evaluation', *Annual Review of Communications*, Volume 61, IEC Publications
114. N. Komninos and C. Douligeris, "LIDF: Layered Intrusion Detection Framework for Ad Hoc Networks", *AdHoc Networks (Elsevier)*, 7 (2009) 171–182.
115. S. L. Tombros, D. D. Vergados, C. Douligeris, C. D. Kavadias and N. P. Mouratidis, "Provision of Unified IN Functionality in the Context of IMS", *Telecommunications Systems (Springer)*, vol. 37, pp. 191-201, 2008.
116. S. Drakatos and C. Douligeris, "A Future Location-Aware Replacement Policy for the Cache Management at the Mobile Computing Environments", *Wireless Communications and Mobile Computing (Wiley)*, 2009; 9: 607–629.
117. N. A. Pantazis, D. J. Vergados, D. D. Vergados and C. Douligeris, "Energy efficiency in wireless sensor networks using sleep mode TDMA scheduling", *Ad Hoc Networks (Elsevier)*, Elsevier, Vol. 7, Issue 2, 2009, pp. 322-349.
118. D. J. Vergados, D. D. Vergados and C. Douligeris, "DPS: An Architecture for VBR Scheduling in IEEE 802.11e HCCA Networks with Multiple Access Points", *Mobile Networks and Applications (MONET)*, Springer, Vol. 14, Issue 9, 2009, p. 744-759. DOI 10.1007/s11036-008-0126-5.
119. C. Douligeris, 'Home Automation', *Wiley Encyclopedia of Computer Science and Engineering*, Benjamin W. Wah (editor), Vol., 3, New York, 2009, pp. 1504-1513
120. S. Mitropoulos and C. Douligeris, "Integrated Policy-Based Governance of Virtual Enterprise Systems", *International Journal of Applied Systemic Studies (Inderscience)*, Vol. 3, No.3, pp. 326-342, 2010

121. D. Zorbas, D. Glynos, P. Kotzanikolaou and C. Douligeris, "Solving Coverage Problems in Wireless Sensor Networks Using Cover Sets", *Ad Hoc Networks* (Elsevier), Vol. 8, 2010, pp. 400-415.
122. V. Meneklis and C. Douligeris, "Bridging Theory and Practice in e-government: A Set of Guidelines for Architectural Design", *Government Information Quarterly*, Vol. 27, Issue 1, Jan. 2010, pp. 70-81, doi:10.1016/j.giq.2009.08.005.
123. N. Komninou, D.D. Vergados and C. Douligeris, "Security for Ad-hoc Networks", Book: "Handbook of Information and Communication Security", Chapter 22, pp. 421-432, ISBN: 978-3-642-04117-4, Springer Berlin Heidelberg, 2010, DOI: 10.1007/978-3-642-04117-4_22.
124. D. Patsos, S. Mitropoulos and C. Douligeris, "Expanding Topological Vulnerability Analysis through the Incident Response Intelligent System", *Information Management and Computer Security*, Vol. 18, No. 4, 2010, pp. 291-309. (Outstanding Paper Award)
125. D. Zorbas and C. Douligeris, Power efficient target coverage in wireless sensor networks, in *Wireless Sensor Networks, Sustainable Wireless Sensor Networks*, Winston Seah and Yen Kheng Tan (Ed.), ISBN: 978-953-307-297-5, InTech, 2010.
126. D. Zorbas and C. Douligeris, Connected coverage in WSNs based on critical targets, *Computer Networks*, Vol. 55, 6, 25 Apr. 2011, 1412-1425, 2011, DOI information: 10.1016/j.comnet.2010.12.023
127. I. Anagnostopoulos, I. Tinnirello and C. Douligeris, "QoS and Service Provisioning for Integrated Networks", Editorial, *Pervasive and Mobile Computing*, Vol. 7, Issue 5, Oct. 2011, pp. 523-524.
128. Mitropoulos, S., Douligeris C. 2011. 'The Impact of New Service Oriented Architectures Technologies in the New Global Market-Oriented Enterprises', *International Journal of Applied Systemic Studies*, Vol. 4, Nos 1/2, pp.106-120, Inderscience Publishers.
129. S. Mitropoulos, E. Kapodistria and C. Douligeris, "An Advanced Web Attack Detection and Prevention Tool" *Information Management and Computer Security*, Vol. 19, Issue 5, pp. 280-299, 2011, Emerald Publishers
130. A Avramidis, P. Kotzanikolaou, C. Douligeris and M. Burmester, "Chord-PKI: A Distributed Trust Infrastructure Based on P2P Networks, *Computer Networks* (Elsevier) Vol. 56, Issue 1, Jan. 2012, 378-398.
131. G. Kastaniotis, E. Maragos, D. Despotis and C. Douligeris, "Using data envelopment analysis to evaluate the efficiency of web caching object replacement strategies", *Journal of Network and Computer Applications*, Vol. 35, Issue 2, March 2012, 803-817.
132. D.A. Glynos, P. Argyroudis and C. Douligeris, "Collaborative Service Evaluation with the TwoHop Trust Framework", *Security and Communication Networks*, Wiley, Vol. 5, 6, 594-613, June 2012.
133. C. Tselikis, S. Mitropoulos, N. Komninou and C. Douligeris, "Degree-based Clustering Algorithms for Wireless Ad Hoc Networks Under Attack", *IEEE Communications Letters*, Vol. 16, Issue 5, pp. 619-621, March 2012.
134. S. Mitropoulos, C. Othonos and C. Douligeris, "An effective and secure web banking system: development and Evaluation", *International Journal of Business Information Systems*, Vol. 12, No. 13, pp. 335-361, 2013.
135. S. A. Nikolidakis, D. Kandris, D. Vergados and C. Douligeris, "Energy Efficient Routing in Wireless Sensor Networks Through Balanced Clustering", *Algorithms*, 6, 29-42, 2013.
136. G. Katsikogiannis, S. Mitropoulos and C Douligeris, "Policy-based QoS management for SLA-driven adaptive routing", *IEEE/KCN Journal of Communications and Networks*, Vol. 15, No. 3, pp. 301-311, 2013.

137. Kallergis D., Chimos K., Vizikidis S., Karvounidis T., Douligeris C. (2013). Pirus: A web-based File Hosting Service with Object Oriented Logic in Cloud Computing, 2nd International Conference on Internet & Cloud Computing Technology (ICICCT), 6-7 November, Singapore, Republic of Singapore. International Journal of Information Technology & Computer Science (IJITCS), 12 (3), pp. 38-43.
138. T. Karvounidis, C. Himos, S. Bersimis and C. Douligeris, "Evaluating Web 2.0 Technologies in Higher Education using Students' Perception and Performance", Journal of Computer Assisted Learning (JCAL), Vol. 3, Issue 6, 577-596, Dec. 2014.
139. S. A. Nikolidakis, D. Kandris, D. Vergados and C. Douligeris, "Energy Efficient Automated Control of Irrigation in Agriculture by using Wireless Sensor Networks", Computers and Electronics in Agriculture, accepted for publication, 2014.
140. S. Mitropoulos, G. D. Baltasis, M. Rodios, C. Douligeris, (2014) "SocialLib: a collaborative digital library model platform using Web 2.0", The Electronic Library, Vol. 32 Iss: 5, pp.622 – 641.
141. Karvounidis T., Chimos K., Bersimis S., Douligeris C. (2015). i-SERF - An Integrated Self-Evaluated and Regulated Framework for Deploying Web 2.0 Technologies in Higher Education. The Electronic Journal of e-Learning, 13(5), pp.319-332.
142. S.A. Nikolidakis, A. Sgora, D.D. Vergados and C. Douligeris, "HYCLRP: A HYbrid TDMA/CDMA Cross Layer Routing Protocol for Wireless Sensor Networks", International Journal of Communication Systems, Wiley (2015).
143. Karvounidis T., Chimos K., Bersimis S., Douligeris C. (2016). Factors, Issues and Interdependencies in the Incorporation of Web 2.0 Technologies in Higher Education. Submitted to Interactive Learning Environments Journal (minor revisions)

Conference papers

1. L-N Wong, C. Douligeris and N.F. Maxemchuck, 'ALOHA for Local Area Networks', Proceedings of INFOCOM 1987, San Francisco, March 31-April 2, pp. 312-319.
2. C. Douligeris and R. Mazumdar, 'On Pareto Optimal Flow Control in an Integrated Environment', Proceedings of the 25th Allerton Conference on Communications, Control and Computing, University of Illinois, Urbana, Sept. 30 - Oct. 2, 1987, pp. 989-997.
3. C. Douligeris and R. Mazumdar, 'More on Pareto Optimal Flow Control', Proceedings of the 26th Allerton Conference on Communications, Control and Computing, University of Illinois, Urbana, Sept. 28-30, 1988, pp. 1181-1190.
4. C. Douligeris and R. Mazumdar, 'User Optimal Flow Control in an Integrated Environment', in Ed. R. L. Kashyap: The Book of the Proceedings of the Indo-US Workshop, Bangalore, India, January 9-12, 1988.
5. C. Douligeris and R. Mazumdar, 'A Game Theoretic Approach to Flow Control in an Integrated Environment with Two Classes of Users', Proceedings of the Computer Networking Symposium, pp. 214-221, Washington DC area, April 11-13, 1988.
6. C. Douligeris and R. Mazumdar, 'Multilevel Flow Control of Queues', Proceedings of the Johns Hopkins Conference on Information Sciences and Systems, Baltimore MD, March 22-24, 1989.
7. R. Mazumdar, L.G. Mason and C. Douligeris, 'Fairness in Network Optimal Flow Control', Proceedings of the SBT/IEEE International Telecommunications Symposium, Rio de Janeiro, Brazil, September 1990.

8. C. Douligeris and R. Mazumdar, 'On a Multiclass System Optimum Flow Control Algorithm', in Ed. W. G. Vogt and M. H. Mickle : Modelling and Simulation , Vol. 21, Part 5, 1990, pp. 2163-2167.
9. C. Douligeris, 'Multiobjective Telecommunications Networks Flow Control", IEEE Southeastcon 1991, Williamsburg, VA, April 1991, pp. 647-651.
10. C. Douligeris, J. El-Khawand and C. El-Khawand, 'Communications and Control for a Home Automation System", IEEE Southeastcon 1991, Williamsburg, VA, April 1991, 171-175.
11. K. G. Zografos and C. Douligeris, 'Integrating Geographic Information System (GIS) and Automatic Vehicle Location (AVL) Technologies for Improving the Emergency Response Capabilities of Electric Utilities', International Conference on Vehicle Navigation and Information Systems, Dearborn MI, October 20-23, 1991.
12. K. G. Zografos, C. Douligeris, J. Haupt and J. Jordan, 'A Methodological Framework for Evaluating on Board Computer Technology in Emergency Dispatch Operations', International Conference on Vehicle Navigation and Information Systems, Dearborn MI, October 20-23, 1991.
13. C. Douligeris, 'Relaxation and Estimation Techniques for a Decentralized Multiclass Flow Control Algorithm', Proceedings of COMCON3, the Third International Conference on Advances in Communication and Control Systems, Victoria, Canada, October 16-18, 1991, pp. 530-539.
14. Z. Zhang and C. Douligeris, 'Convergence of Synchronous and Asynchronous Algorithms in Multiclass Flow Control", IEEE INFOCOM 1991, April 7-11, Bal Harbor FL, pp. 939-943.
15. Χ. Δουληγέρης, 'Θεωρία Παιχνιδιού και Έλεγχος Ροής σε Τηλεπικοινωνιακά Συστήματα', Τρίτο Πανελλήνιο Συνέδριο Πληροφορικής, Αθήνα, Μάιος 1991, σελ. 557-569.
16. C. Douligeris, J. El-Khawand and C. El-Khawand, 'Communications and Control for a Home Automation System", IEEE Southeastcon 1991, Williamsburg, VA, April 1991, 171-175.
17. K. G. Zografos, C. Douligeris and J. Mitchell, 'Improving Distributions System Reliability through the Optimum Deployment of Service Restoration Crews', INTER-RAMQ Conference, Philadelphia, PA, August 25-28, 1992, pp. 124-129.
18. C. Douligeris and I. Pereira, 'An Analytical Hierarchy Process Approach to the Analysis of Quality in Telecommunication Systems', IEEE GLOBECOM 1992, Orlando, FL, Dec. 6-9 1992, pp. 1684-1688.
19. C. Douligeris and L. N. Kumar, 'Access to a Network Channel: A Survey into the Fairness Problem' IEEE ICC 1992, Chicago, IL, June 1992, pp. 341.1.1 - 341.1.6.
20. C. Douligeris, 'Multiobjective Flow Control in Telecommunication Networks' IEEE INFOCOM, May 4-8 1992, Florence, Italy, pp. 3A.1.1 - 3A.1.10.
21. K. G. Zografos, C. Douligeris and J. Mitchell, 'Improving Distributions System Reliability through the Optimum Deployment of Service Restoration Crews', INTER-RAMQ Conference, Philadelphia, PA, August 25-28, 1992, pp. 124-129.
22. K.G. Zografos, C. Douligeris and L. Chaoxi, 'A Model for the Optimum Deployment of Emergency Repair Trucks: An Application in the Electric Utility Industry', Transportation Research Board Meeting, Washington, DC, January 1992.
23. S. K. Mukherjee, A. Recio and C. Douligeris, 'Voltage Monitoring by Linear Programming Based Optimization', International Symposium on Circuits and Systems, San Diego, CA, June 1992
24. S. K. Mukherjee, A. Recio and C. Douligeris, 'Optimal Power Flow by Linear Programming Based Optimization', IEEE Southeastcon 1992, Birmingham, AL, April 12-15 1992, pp. 527-529.

25. C. Douligeris, J. Khawand and C. Khawand, 'The Consumer Electronic Bus Symbol Encoding Sublayer', IEEE Southeastcon 1992 , Birmingham, AL, April 12-15 1992, pp. 385-388.
26. J. Khawand, C. Douligeris and C. Khawand, 'A Physical Layer Implementation for a Twisted Pair Home Automation System' Institute of Electrical and Computer Engineers International Conference on Consumer Electronics (IEEE ICCE), Chicago, IL, June 1992, pp. 284-285.
27. K. G. Zografos, C. Douligeris, L. Chaoxi and G. Develekos. Analysis and Optimization of Distribution System Reliability through the Optimization of Emergency response Operations. IEEE/NTUA Athens Power Tech, Athens, Greece, September 5-8, 1993, pp. 781-785.
28. D. Cross and C. Douligeris, 'A Fiber Optic Home Automation System", Institute of Electrical and Computer Engineers International Conference on Consumer Electronics (IEEE ICCE) , Chicago, IL, June 1993, pp. 352-353.
- 28A. L. Kumar, C. Douligeris and G. Develekos, "Implementation Issues of a MultiClass Flow Control Algorithm", IEEE Southeastcon 1993, April 4-7, Charlotte, NC, USA 8p.
29. M. F. Georgiou, G. N. Sfakianakis, G. Johnson, C. Douligeris, S. Scandar, E. Eisler, and B. Binkley, 'Multivendor Nuclear Medicine PACS Provides Fully Digital Operation at the University of Miami/Jackson Memorial Hospital', SPIE: PACS: Design and Evaluation, Newport Beach, CA, February 1994.
30. L. N. Kumar and C. Douligeris, 'An Enhanced Assessment Protocol to Support the Dynamic Bandwidth Control Capabilities in DQDB MANs', IEEE Southeastcon 1994, Miami, FL, April 1994, pp. 204-208.
31. L. N. Kumar and C. Douligeris, 'The Dynamic 3-Tier Protocol: A Structured Access Remedial Scheme to Control Unfairness in DQDB MANs', IEEE Local Area Networks Conference, Minneapolis, MN, October 2-5, 1994.
32. C. Douligeris, K. G. Zografos and P. Tsoumpas, 'Using a GIS Platform for Design and Analysis of Emergency Response Operations', The International Emergency Management and Engineering Society Conference (TIEMEC 1994), Hollywood, FL, April 14-19, 1994, pp. 14-19.
33. K.G. Zografos, C. Douligeris and L. Chaoxi, 'A Simulation Model for Evaluating Performance of an Emergency Response Fleet', Transportation Research Board Meeting, Washington, DC, January 1994.
34. E. Iakovou, C. Douligeris and A. Korde, 'Quantitative Technologies for Decision Making in Contingency Planning and Response for Oil Spill Incidents', (eds) T. M. Khalil and B. A. Bayraktar Fourth International Conference on Management of Technology, Feb 27 - Mar. 4 1994, Miami, FL, pp. 673-682.
35. C. Douligeris, 'National Marine Oil Transportation System Model', Third Annual Federal Waterways Management R D Coordination Conference, Challenges and Opportunities in the 21st Century: A Vision of 2020, Silver Spring, MD, October 31-November 2, 1995, pp. 105-106. (presentation only)
36. Y. C. Liu and C. Douligeris, 'Rate Regulation with Feedback Controller in ATM Networks - A Neural Network Approach," Third International Conference on Telecommunication Systems, Modelling and Analysis, March 16-19, 1995, Nashville, TN, pp. 501-506.
37. Y. C. Liu and C. Douligeris, 'Static vs. adaptive Feedback Congestion Controller for ATM Networks', IEEE GLOBECOM , November 13-17, 1995, Singapore.
38. C. Douligeris and G. Develekos, 'A Fuzzy Logic Approach to Congestion Control in ATM Networks', IEEE ICC 1995 , Seattle, WA, June 18-22, 1995, pp. 1969-1973.
39. C. Douligeris, J. Collins, E. Iakovou, and C. Mooers, 'OSIMS: A Prototype Oil Spill Information Management System', Second International Oil Spill Research and Development Forum, London, May 23-26, 1995, pp. 774-781.

40. C. Douligeris, C. Ip, J. Englehardt, E. Iakovou, V. Wong and C. Mooers, 'NMOTSM: A National Marine Oil Transportation System Model', Second International Oil Spill Research and Development Forum, London, May 23-26, 1995 pp. 627-636.
41. C. Douligeris, J. Collins, E. Iakovou, P. Sun and R. Riggs, 'Designing an Oil Spill Information Management System', The International Emergency Management and Engineering Conference 1995, Nice, France, May 9-12, 1995, pp. 386-391.
42. Y. C. Liu and C. Douligeris, 'Comparative Evaluation of Adaptive and Neural Network Based Inference System for ATM Traffic Control" Proceedings of the 1995 International Symposium on Communication, December 27-29, 1995, Taipei, Taiwan.
43. L. N. Kumar and C. Douligeris, 'Fairness by Demand and Service Pattern Match: The Alpha Tuning Mechanism for DQDB MANs', IEEE INFOCOM 1995, pp. 1172-1179, Boston, MA, April 4-6, 1995.
44. Y. C. Liu and C. Douligeris, 'Feedback Congestion Controller for ATM Networks Using a Neural Network Traffic Predictor» Proceedings of SOUTHCON'95 Ft. Lauderdale, FL, Mar. 7-9, 1995.
45. C. Douligeris, K. G. Zografos and G. Develekos, 'Analysis of the Service Restoration Operations of an Electric Utility Company', IEEE Rural Power Electric Conference, Nashville, TN, April 30 - May 2, 1995, pp. B3-1-B3-8.
46. Y. C. Liu and C. Douligeris, 'Rate Regulation with Feedback Controller: Neural Network Based Approaches', Communication Networks and Neural Networks: The Challenge of Network Intelligence, ITC Mini-Conference, Duke University, and March 4-7, 1996.
47. C. Douligeris and J. Collins, 'Design of Prototype Oil Spill Information Management System', Florida Coastal Ocean Sciences and Technology Symposium 1996 (FCOSTS96), 9-10 April 1996, Harbor Branch Institute, Ft. Pierce FL.
48. J. Collins, C. Douligeris and P. Tebeau, 'An Internet-Based Information Management System for Oil Spill Response', ECO-INFORMA 1996, Orlando FL, Nov. 1996, pp. 477-482.
49. C. Douligeris, J. Collins, R. Blanco and P. Sun, 'Experience with a South Florida Information Management System for Oil Spills', IEEE/MTS Oceans 96, Ft Lauderdale, FL, September 23-26, 1996, pp. 739-744.
50. P. Tebeau, C. Douligeris and J. Collins, 'Meeting User Needs in Designing Oil Spill Information Management Systems', IEEE/MTS Oceans 96, Ft Lauderdale, FL, September 23-26, 1996, pp. 745-750.
51. C. Douligeris and E. Aboelela, 'Survey into Service-on-Demand Transportation (SDT) Systems: A Focus on the Elderly', Transportation Research Board Meeting, 1996, Washington D.C, January 7-11, Paper No. 960608.
52. E. Aboelela and C. Douligeris, 'Routing Algorithms for Service on Demand (SDT) Systems for the Elderly'. Transportation Research Board Meeting, Washington D.C., Jan. 7-11, 1996, Paper No. 960611.
53. S. Bhattacharya and C. Douligeris, 'Using the Analytic Hierarchy Process for Media Selection in CCTV Networks', Proceedings of the Third Annual World Congress on Intelligent Transportation Systems, Orlando FL, Oct. 14-16, 1996.
54. R. Durand, Y. C. Liu and C. Douligeris, 'Neural Network Based Congestion Control for Single and Multiple Sources in ATM Networks', IEEE/IMACS Multiconference, Computational Engineering in Systems Applications (CESA'96) , Lille, France, July 9-12, 1996, pp. 1100-1105.
55. Y. C. Liu and C. Douligeris, 'Nested Threshold Discarding with Dedicated Buffers and Fuzzy Scheduling', Proceedings of IEEE ICC'96, Dallas, TX, June 23-27, 1996.
56. H. I. Fahmy, and C. Douligeris, 'Automatic Network Modelling, Simulation and Performance Evaluation', SOUTHCON'96, Orlando, FL, June 25-27, 1996.

57. H. I. Fahmy, G. Develekos, and C. Douligeris, 'Application of Neural Networks and Machine Learning in Network Design', Applications of Artificial Intelligence in Engineering XI, R. A. Adey, G. Rzevski and A. K. Sunol (eds), Computational Mechanics Publications, Southampton, UK, 1996.
58. H. I. Fahmy and C. Douligeris, 'A Machine-Learning Approach to Computer Networks Design', INFORMS Meeting - Conference of Information Systems and Technology, Washington, DC, May 5-8, 1996.
59. C. Douligeris and J. Collins, 'Prototype Oil Spill Information Management System', Proceedings of the Second Caribbean Conference on Natural Hazards and Disasters, Kingston, Jamaica, October 9-12, 1996.
60. J. Collins, C. Douligeris and R. Riggs, 'Spinning an Expert Oil Information Management System on the World Wide Web', the International Emergency Management and Engineering Conference, (TIEMEC'96), Montreal Canada, May 28-31, 1996, pp. 141-151.
61. E. Iakovou, C. Douligeris 'The Telecommunications Industry and Quality Improvement Programs', (eds) R. M. Mason, L. A. Lefebvre, and T. M. Khalil, Fifth International Conference on Management of Technology, Feb 27 - Mar. 1, 1996, Miami, FL, pp. 183-192.
62. E. Iakovou and C. Douligeris, 'A Systems Approach to Marine Oil Transportation in the United States', Protection and Restoration of the Environment III, Proceedings of an International Conference, Chania, Crete, Greece, Aug. 28-30, 1996, pp. 388-395.
63. H. I. Fahmy and C. Douligeris, 'NAMS: Network Modeler and Simulator', 29th Annual Simulation Symposium, 8-11 April 1996, New Orleans, LA, pp. 65-70.
64. E. Iakovou and C. Douligeris, 'A Systems Model of Oil Traffic in the US Waters' 1997 International Oil Spill Conference, Ft. Lauderdale, FL, April 7-10, 1997.
65. Y. C. Liu and C. Douligeris, 'A Fuzzy Priority Scheduling Mechanism for ATM Networks' FUZZY 97, International Conference on Fuzzy Logic and Applications, Zichron Yaakov, Israel, 18-21 May 1997, pp. 338-343.
66. H. I. Fahmy and C. Douligeris, 'An Integrated AI Approach for Automating Networks Design, Modeling and Simulation', IEEE International Conference on Communications and Systems, Alexandria Egypt, July 1-3, 1997.
67. E. Aboelela; C. Douligeris, "Routing in Multimetric Networks Using A Fuzzy Link Cost", The Second IEEE Symposium on Computers and Communications (ISCC'97), Alexandria, Egypt, pp. 397-401, July 1997
68. J. W. Collins, R. Blanco, C. Douligeris and J. Jacobs, 'A Web Based Object Oriented System for Information Management', Proceedings of the WWW 6 Conference, April, 7-10, 1997.
69. C. Douligeris and E. Iakovou, 'Maritime Route Risk Analysis for Hazardous Materials Transportation', Proceedings of the 8th IFAC/IFIP/IFORS Symposium on Transportation Systems, Chania, Crete, Greece, pp. 574-579, June 16-18, 1997
70. X. Δουληγέρης, 'Πληροφοριακά Συστήματα για τη Διαχείριση Ωκεανογραφικών Δεδομένων', 5ο Πανελλήνιο Συνέδριο Ωκεανογραφίας και Αλιείας, Καβάλα, 15-18 Απριλίου 1997.
71. C. Douligeris, J. Collins, B. Baca, R. Blanco and J. Jacobs, 'OSIMS: An Oil Spill Information Management System', International Oil Spill Conference, Ft. Lauderdale, FL, April 7-10, 1997.
72. E. Aboelela; C. Douligeris, "Fuzzy Optimization Model for Routing in B-ISDN", The 22nd Annual IEEE Conference on Computer Networks (LCN'97) , Minneapolis, Minnesota, USA, pp. 89-98, November 2-5, 1997.
73. E. Aboelela and C. Douligeris, "Fuzzy Generalized Network Approach for Solving an Optimization Model for Routing and Bandwidth Allocation in B-ISDN", 2nd IFIP Workshop on Traffic Management and Synthesis of ATM Networks, Montreal, Canada, September 24-26, 1997.

74. G. Develekos and C. Douligeris, 'Fuzzy Dynamic Resource Allocation for VBR Sources in ATM Networks', 6th International Conference on Advances in Communications and Control (COMCON6), Corfu, Greece, pp. 79-88, June 23-27, 1997.
- 74B P. Sun and C. Douligeris, "Pipeline Locking for Long Transactions", Proceedings of the 6th Pan-Hellenic Conference, Athens, Greece, Dec. 4-7, 1997.
75. E. Aboelela and C. Douligeris, 'Fuzzy Inference System for QoS Routing in B-ISDN", Proceedings of IEEE Canadian Conference on Electrical and Computer Engineering", Waterloo, ON, Canada, May 1998, pp. 141-144.
76. K. Israilides, C. Douligeris, T. Waite, 'Use of Ionizing Radiation for the Treatment of Olive Mill Wastes", Protection and Restoration of the Environment IV, Halkidiki, Greece, July 1-4, 1998.
77. C. Douligeris and B. Singh, 'Neural Network Based Control for ATM Networks", Proceedings of EUFIT 1998, 6th European Congress in Intelligent Techniques and Soft Computing, Aachen Germany, pp. 1697-1701, Sept. 7-10, 1998.
78. C. Douligeris and P. Tebeau, Gulf Coast Oil Spill Plans: Remediation and Restoration Adequacy, 1999 International Oil Spill Conference, March 8-11, 1999, Seattle, WA.
79. E. Iakovou and C. Douligeris, "An Information Management System for Hurricane Disasters", TIEMES 1999, Delft, The Netherlands, Spring 1999.
80. Z. Mao and C. Douligeris, Two Location Tracking Strategies for PCS Systems, The 8th Int. Conf. on Computer communications and Networks (IEEE IC3N'99), Boston, MA, October 11-13, 1999, pp. 318-323.
81. Z. Mao and C. Douligeris, Lightweight Location Update Strategy for Reducing Signaling and Database Loads in PCS Networks, The 50th IEEE Vehicular Technology Conference (VTC'99-Fall), Amsterdam, Netherlands, September 19-22, 1999, pp. 2451-2455, Amsterdam, The Netherlands.
82. Z. Mao and C. Douligeris, Two Location-Based Tracking Strategies for PCS Systems, The 7th Int. Conf. on Advances in Communications and Control (COMCON7), Athens, Greece, June 28-July 2, 1999.
83. E. Aboelela, C. Douligeris, "Fuzzy Metric Approach for Routing in B-ISDN", IEEE 1999 International Conference on Communications, (ICC99), Vancouver, Canada, Vol. 1, pp. 484-488, June 6-10, 1999.
84. E. Aboelela and C. Douligeris, "Fuzzy Optimization Model For QoS Routing and Bandwidth Allocation ", 7th Hellenic Conference on Informatics, Ioannina, Greece, August 1999, pp. IV.1-IV.9.
85. E. Aboelela and C. Douligeris, "Fuzzy Temporal Reasoning Model for Event Correlation in Network Management ", 24th Conference on Local Computer Networks, LCN'99, Lowell, Massachusetts, USA, October 1999, pp. 150-159.
86. H. I. Fahmy and C. Douligeris, 'Applications of Hybrid Fuzzy Expert Systems in Computer Networks Design', European Symposium on Intelligent Techniques (ESIT), June 3-4, 1999, Chania Greece.
87. E. Iakovou, C. Douligeris and L. Yudhbir, 'Risk Assessment for the Maritime Transportation of Hazardous Materials, Decision Sciences Institute, 5th International Conference, Athens, Greece, 4-7 July, 1999.
88. Gang Feng, Christos Douligeris, R. M. Rodriguez Dagnino, "Virtual path topology design, control and optimization", ICT 2000, Mexico, Acapulco, May 2000. ¹
89. Z. Mao and C. Douligeris, "A novel deregistration strategy for mobile networks", VTC 2000, Boston, USA, Fall 2000.
90. Gang Feng, Christos Douligeris, "Using Hopfield networks to solve traveling salesman problems based on stable state analysis technique," IEEE IJCNN 2000, Como, Italy, July 2000.

¹ Best Paper award

91. A. Garcia-Rodriguez, R. M. Rodriguez-Dagnino and C. Douligeris, 'Extending the Prediction Horizon in Dynamic Bandwidth Allocation for VBR Video Transport', Mexican International Conf. on Artificial Intelligence MICAI 2000, 10-14 April 2000, Mexico City, Mexico, pp. 365-375, LNAI 1793.
92. G. Feng, C. Douligeris, 'Minimum Delay Routing in Packet-Switched Networks: A Neural Network Approach', 2nd European workshop in Soft Computing in Telecommunication Networks, June 16, Nicosia Cyprus.
93. Eleftherios Iakovou, Lalit Yudhbir, and Christos Douligeris: A Multiobjective Maritime Risk-Based Oil Transportation Model, TIEMES 2000, Orlando FL, May 2000.
94. Z. Mao and C. Douligeris, Performance Evaluation of Location Information Distribution Strategies for Mobility Tracking, ICPADS'2000, Iwate, Japan, July 4-7, 2000.
95. Z. Mao and C. Douligeris, An Integrated Strategy for Location Information Management in Mobile Networks, ICT'2000, Acapulco, Mexico, May 22-25, 2000.
96. Z. Mao and C. Douligeris, High Throughput Database Structures for Location Management in PCS Networks, IEEE INFOCOM'2000, Tel-Aviv, Israel, March 26-30, 2000.
97. C. Douligeris, Y. C. Liu, Artificial Neural Network Control Architectures in ATM Networks, SCI 2000, Orlando FL, July 2000.
98. Zuji Mao and C. Douligeris, "An Integrated strategy for location tracking in mobile Networks", Wireless and Networking Conference 2000, Chicago IL.
99. G. Develekos and C. Douligeris, "Optimizing Interconnections in Multihop Networks: An Approach Using Genetic Algorithms", European Symposium on Intelligent Networks, (ESIT2000), Aachen, Germany, Oct. 2000.
100. E. Aboelela and C. Douligeris, "Switching Theory Approach to Alarm Correlation in Network Management", 25th IEEE Annual Conference on Local Computer Networks, Nov. 8-10, 2000, Tampa FL, pp. 452-461.
101. E. Iakovou, C. Douligeris and L. Yudhbir, "Economic and Environmental Impact of Marine Transportation of Hazardous Materials", Protection and Restoration of the Environment IV, Halkidiki, Greece, Vol. II, pp. 895-902, July 1-4, 1998.
102. E. Iakovou, C. Douligeris and L. Yudhbir, "Maritime Risk-Based Oil Transportation Model", 13th National Operations Research Conference, Piraeus, Greece, Nov. 30 – Dec. 2, 2000.
103. C. Douligeris, Information Management Requirements in Emergency Response Operations, Proceedings of the International Conference on Ecological Protection of the Planet Earth, I (eds. V. A. Tsihrintzis and P. Tsalides), June 5-8, 2001, Xanthi, Greece, pp. 873-880.
104. M. M. Ekanayake, K. Premaratne, C. Douligeris and P. H. Bauer, "Stability of Discrete Time Systems with Time Variant Delays", American Control Conference (ACC2001), Chicago, IL, June 2001.
105. R. Mavropodi and C. Douligeris, Performance Evaluation of Interactive Multimedia Retrieval in Intelligent Networks, ComCon 8, 25-29, June 2001, Crete, Greece, 443 – 453.
106. D. A. Glynos, V. Meneklis, Th. Berdetzoglou, C. Boukouvalas, C. Douligeris and P. Bosdogianni, "Deployment and Evaluation of Active Mail Services, ComCon 8, 25-29 June 2001, Crete, Greece
107. G. Feng and C. Douligeris, "The Convergence and Parameter Relationship for Discrete Time Continuous-State Hopfield Networks", IEEE International Joint Conference on Neural Networks, Washington DC, July 15-19, 2001, pp. 376-381.
108. C. Douligeris, "Fuzzy Control in a High Speed Networks Environment", SPIE'S 46th Annual Meeting, Applications and Science of Neural Networks, Fuzzy Systems, and Evolutionary Computation IV, July 31-Aug. 1 2001, San Diego, CA, appeared in: B. Bosacchi, D. B. Fogel and J. C. Besdek (editors), Proceedings of SPIE, Vol. 4479, pp. 117-128.

109. C. Douligeris, "Enhancing Shoreline Remediation and Restoration", International Conference on "Shipping: Technology and Environment, Sept. 2001, Greece.
110. I. Papadakis and C. Douligeris, "Design and architecture of a digital music library on the Web", Proceedings of the Third International Conference on Information Integration and Web-based Applications and Services, (IIWAS 2001), pp. 445-447, Linz Austria, 2001.
111. R. Mavropodi, P. Kotzanikolaou and C. Douligeris, Secure Management of Intelligent Networks through Intelligent Agents, Workshop on Intelligent Agents and Virtual Reality, Athens, June 29, 2001, pp. 57-64.
112. G. Feng, K. Makki, N. Pissinou and C. Douligeris, "An Efficient Approximate Algorithm for Delay-Cost-Constrained QoS Routing", International Conference on Computers and Communication Networks (IC3N), Phoenix, AZ, 2001 pp. 395-400.
113. G. Feng and C. Douligeris, "Using Hopfield Neural Networks to Solve Assignment Problem and N-Queen Problem: An Implication of Guided Trial and Error Technique", Lecture Notes in Artificial Intelligence (LNAI), 2308, 2002, pp. 325-336, I.P. Vlahavas and C. D. Spyropoulos (Eds).
114. G. Feng, C. Douligeris, K. Makki and N. Pissinou, "Performance Evaluation of Delay-Constrained Least Cost QoS Routing Algorithms based on Non-linear Lagrange Relaxation", IEEE ICC 2002, New York City, NY, USA, April 29-May 2nd 2002.
115. Γ. Νινιός και Χ. Δουληγέρης, «Εφαρμογή Διεπιχειρησιακών μεθοδολογιών για την βελτιστοποίηση της εφοδιαστικής αλυσίδας», 15ο Εθνικό Συνέδριο της ΕΕΕΕ, Τρίπολη, 31 Οκτωβρίου – 2 Νοεμβρίου 2002.
116. Γ. Νινιός και Χ. Δουληγέρης, «Ανάπτυξη διεπιχειρησιακού μοντέλου ηλεκτρονικής ανταλλαγής επιχειρησιακών εγγράφων για τη βέλτιστη διαχείριση της εφοδιαστικής αλυσίδας», 16ο Εθνικό Συνέδριο της ΕΕΕΕ, Λάρισα, 2003.
117. C. Douligeris and R. Mavropodi, "Performance Evaluation of Intelligent Network Topologies", SCI 2003, Orlando FL, July 2003.
118. E. Iakovou and C. Douligeris, "Government e-Procurement: A Methodological and Architectural Framework", in: First Conference on Electronic Democracy: Information Society and Citizen's Rights, Athens, Greece, 25-26 Sept. 2003, A. B. Sideridis (ed), Ant. Sakoulas Publishers, 2004.
119. Z. Mao and C. Douligeris, "Group Registration for Reducing Signalling Traffic in Location Tracking", IEEE LCN, Koningwinter, Germany, Nov. 2003.¹
120. G. Develekos, O. Michael and C. Douligeris, "A Neural Networks Approach to the Estimation of the TCP Retransmission Timer (RTT)", Pan-Hellenic Conference on Informatics, Thessaloniki, Greece, Nov. 2003.
121. C. Douligeris and A. Mitrokotsa, "Ddos Attacks and Defense Mechanisms: A classification", IEEE ISSPIT, Germany, December 2003, pp. 190-193.
122. S. Drakatos, N. Pissinou, K. Makki and C. Douligeris, "Future Location Aware Semantic Caching in Mobile Computing", Proceedings of the 2004 World Wireless Congress, San Fransisco, USA, 25-28 May 2004, pp. 569-574.
123. Χ. Δουληγέρης, «Ηλεκτρονική Μεταβίβαση Δεδομένων. Νέες Εξελίξεις, Προβλήματα και Προοπτικές», Νέες Τεχνολογίες, Ηλεκτρονικό Εμπόριο και Βιβλίο, Πρακτικά Διεθνούς Συνεδρίου, 19-21 Μαΐου 2000, Εθνικό Κέντρο Βιβλίου, Εκδόσεις Ζήτη, 2004.
124. P. Georgiou, C. Douligeris, P. Thriskos, E. Zintzaras and S. Theocharopoulos, "ISODART: An Information System for the Organization and Dissemination of Agricultural Research Results", Haicta 2004, Information Systems and Innovative Technologies in Agriculture, Food and Environment, 18-20 March 2004, Thessaloniki, Greece, pp. 190-199.

¹ Best paper award

125. C. Douligeris, P. Kostopoulos and G. Develekos, "A Fuzzy Logic Approach to Congestion Avoidance Techniques in TCP", Proceedings (Companion Volume) 3rd Hellenic Conference on Artificial Intelligence (SETN 2004), Samos, Greece, 3-5 May 2004, pp. 159-167.
126. X. Δουληγέρης, «Τεχνολογίες Πληροφορικής: παρόν και μέλλον», Πρακτικά ΚΘ' Παιδαγωγικού Συνεδρίου, Νέες Τεχνολογίες και Αγωγή της Νεολαίας, σελ. 54-70, Αθήνα 2004 (ημερομηνία συνεδρίου 3-5 Ιανουαρίου 2003)
127. S. Drakatos, K. Makki, K. Deeb and C. Douligeris, "A Future Location-Prediction Replacement Strategy in Mobile Environments", Proceedings of the 25th Conference on Distributed Computing Systems, June 6-9, 2005, Columbus, OH, USA.
128. A. Koliantzoglou, B. Meneklis, D. Polemi and C. Douligeris, "Applying the ISO RM-ODP standard in e-government", TED Conference on e-Government - Electronic Democracy: The Challenge Ahead, Bolzano Italy, March 2005, LNCS, 3416, pp. 213-224..
129. D. Glynos, P. Kotzanikolaou and C. Douligeris, "Preventing Impersonation Attacks in MANET with Multi-factor Authentication", 3rd International Symposium on Modeling and Optimization in Mobile, Ad-hoc and Wireless Networks, Trento, Italy, April 3-7, 2005.
130. P. Kotzanikolaou, R. Mavropodi, C. Douligeris, "Secure Multipath Routing for Mobile Ad Hoc Networks", 3rd International Symposium on Modeling and Optimization in Mobile Networks and Systems (WONS), St Moritz, Switzerland, Jan. 17-21, 2005.
131. A. Avramidis, I. Papadakis and C. Douligeris, "LUGRID: A Semantic-Capable Grid for University Data", IASTED International Conference on Parallel and Distributed Computing and Networks, Feb. 15-17 2005, Innsbruck, Austria.
132. R. Mavropodi, P. Kotzanikolaou and C. Douligeris, "Performance Analysis of Secure Routing Protocols for Mobile Ad Hoc Networks", 3rd International Conference on Wired/Wireless Internet Communications (WWIC 2005), Xanthi, Greece, May, 11-13, 2005, T. Braun et al (Eds), LNCS 3510, pp. 269-278.
133. X. Δουληγέρης και Γ. Νινιός, «Ασφάλεια σε Ενδοκυβερνητικές Συναλλαγές: Η Πλατφόρμα e-mayor», Πρακτικά Εθνικού Συνεδρίου Ελληνικής Εταιρείας Συστημικών Μελετών, Μάιος 2005, Τρίπολη, σελ. 592-599.
134. S. Mitropoulos and C. Douligeris, "Integrated Policy-Governance of Virtual Enterprises and Systems", Πρακτικά Εθνικού Συνεδρίου Ελληνικής Εταιρείας Συστημικών Μελετών, Μάιος 2005, Τρίπολη, σελ. 568-582.
135. P. Kotzanikolaou, E. Magkos, C. Douligeris and V. Chryssikopoulos, "Hybrid Key Establishment for Multiphase Self-Organized Sensor Networks", First International Workshop on Trust, Security and Privacy for Ubiquitous Computing, Taormina, Italy, June 13, 2005.
136. C. Douligeris and N. Tilipakis, "Semantic Web Technologies for Knowledge Management in the Supply Chain", Proceedings of 3rd International Workshop on Supply Chain Management & Information Systems, Thessaloniki, Greece, July 6-8, 2005, pp. 173-184.
137. D.D. Vergados, D.J. Vergados, and C. Douligeris, "A new approach for TDMA scheduling in Ad-hoc networks", 10th IFIP International Conference on Personal Wireless Communications PWC'05, pp. 107-114, August 25-27, 2005, Colmar, France.
138. s. Mitropoulos, D. Patsos and C. Douligeris, « Network Forensics: Towards a Classification of Traceback Mechanisms", IEEE Securecomm, Computer Networks Forensics Workshop, Athens Greece, Sept. 5, 2005.
139. B. Meneklis, A. Kaliontzoglou, C. Douligeris and D. Polemi, "Engineering and Technology Aspects of an e-Government Architecture Based on Web Services", 3rd European Conference on Web Services, Vaxjo, Sweden, Nov. 14-16, 2005.

140. R. Mavropodi and C. Douligeris, "Multipath Routing Protocols for Mobile Ad Hoc Networks: Security Issues and Performance Evaluation", WAC 2005, LNCS 3854, pp. 165-174, 2006, eds I. Stavarakakis and M. Smirnov.
141. S. Mitropoulos, D. Patsos and C. Douligeris, « Incident Response: the road from a Security Policy to Automated Trace-Back Mechanisms », P. Bozanis and E. Houstis (Eds) PCI 2005, Volos, Greece. pp. 418-429.
142. A. Kaliontzoglou, D. Polemi, C. Douligeris and B. Meneklis, "Secure Electronic e-Invoicing with the SELIS architecture: technical overview, market trends and deployment models", 2nd National Conference, Electronic Democracy: Challenges of the digital era, Athens, 16-17 March 2006.
143. S. Drakatos, N. Pissinou, K. Makki and C. Douligeris, "A Context Aware Prefetching Strategy for Mobile Computing Environments", IEEE IWCMC Mobile Computing, Las Vegas, USA, April 2006.
144. A. Mitrokotsa, R. Mavropodi and C. Douligeris, "Intrusion Detection of Packet Dropping Attacks in Mobile Ad Hoc Networks", International Conference on Intelligent Systems and Computing (ISYC 2006), Ayia Napa, Cyprus, July 6-7, 2006.
145. C. Tselikis, C. Douligeris and S. Mitropoulos, "Evaluation of Middleware's Impact on Web-based Distributed Applications, Orlando, FL, USA, July 18-21, 2006, pp. 308-313.
146. D. Polemi and C. Douligeris, "Secure m-Government Services for non-EU Regions", Proceedings of the International Conference on Information Society (i-society 2006), Aug. 7-10 2006, Miami, FL, USA, pp. 178-186.
147. Β. Αντωνίου, Π. Μανιώτης, Π. Βρόντος, Λ. Παπαδημητρίου και Χ. Δουλιγέρης, «Διδάσκοντας το Μικηναϊκό Πολιτισμό με τη Χρήση Διαδικτυακών Τεχνολογιών», Proceedings 5th Panhellenic Conference, Information and Communication Technologies in Education, Thessaloniki, Greece, 5-8 Oct. 2006, pp. 531-538.
148. N. Komninos, D. Vergados and C. Douligeris, "Two-Step Authentication in Mobile Ad-Hoc Networks", Proceedings of Global Mobile Congress (GMC), October 9-11, 2006, Beijing, China.
149. Mitropoulos, S., Douligeris, C. 2005. 'Integrated Policy-Based Governance of Virtual Enterprises and Systems', published in the Proceedings of HSSS 2005 Conference, Tripoli, Greece, May 2005 Douligeris C., Mitropoulos, S., Tselikis, C. 2006. 'Performance Testing of an e-Banking Application for Various Usage Patterns', proceedings of HSSS 2006 Conference, Chios, Greece, May 2006
150. D. Zorbas, D. Glynos, P. Kotzanikolaou and C. Douligeris, "B{GOP}: An Adaptive Algorithm for Coverage Problems in Wireless Sensor Networks", Proceedings of the European Wireless Conference (EW07), Paris, France, 1-4 April 2007.
151. A. Avramidis, P. Kotzanikolaou and C. Douligeris, "Chord-PKI: Embedding a Public Key Infrastructure into the Chord Overlay Network", EuroPKI, Mallorca, Spain, 28-30 June 2007, LNCS, 3308, pp. 354-361.
152. D. Patsos, S. Mitropoulos and C. Douligeris, "Generating Adaptive Security Policies and Automated Configuration Scenarios in Intrusion Management Systems", 11th Panhellenic Conference in Informatics, Patras, Greece, 18-20 May 2007, pp. 117-130.
153. A. Mitrokotsa, N. Komninos and C. Douligeris, "Towards an Effective Intrusion Response Engine Combined with Intrusion Detection in Ad Hoc Networks", The Sixth Annual Mediterranean Ad Hoc Networking Workshop, Corfu, Greece, June 12-15, 2007, pp. 137-144.
154. V. Meneklis and C. Douligeris, "Extending a Distributed System Architecture with e-Government Modeling Concepts", Proceedings of the 18th Annual IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC'07), Workshop on Secure e/m Government Enhancing Cooperation with non-EU Regions, Athens, Greece, 3-7 September 2007.

155. P. Kotzanikolaou and C. Douligeris, "Privacy Threats of Data Retention in Internet Communications", Proceedings of the 18th Annual IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC'07), Workshop on Secure e/m Government Enhancing Cooperation with non-EU Regions, Athens, Greece, 3-7 September 2007.
156. D. D. Vergados, A. Panoutsakopoulos and C. Douligeris, "Location Management in 3G Networks using a 2-Level Distributed Database Architecture", Proceedings of the 18th Annual IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC'07), Greece, 3-7 September 2007.
157. A. Mitrokotsa, N. Komninos and C. Douligeris, "Intrusion Detection with Neural Networks and Watermarking Techniques for MANET", IEEE International Conference on Pervasive Systems (ICPS 07), Constantinople, Turkey, 15-20 July 2007, pp. 118-127.
158. A. Mitrokotsa, C. Dimitrakakis and C. Douligeris, "Intrusion Detection Using Cost-Sensitive Classification", European Conference on Computer Network Defense (EC2ND), Herakleion, Crete, Greece, October 4-5, 2007.
159. G. Kastaniotis, E. Maragos, V. Dimitzas, C. Douligeris and D. K. Despotis, «Web Proxy Caching Object Replacement: Frontier Analysis to Discover the 'Good Enough' Algorithms», Mascots 07, Constantinople, Turkey, 24-26 October 2007.
160. V. Meneklis, S.Papastergiou, C. Douligeris, and D. Polemi, "Towards Advanced e/m Government Platforms", Proceedings of i-Society 2007, Merryville, Indiana, October 2007.
161. V. Meneklis and C. Douligeris, "Enhancing the design of e-Government: Identifying structures and modelling concepts in contemporary platforms", 1st International Conference on Theory and Practice of Electronic Governance (ICEGOV2007) Macao, China, 10-13 December 2007.
162. N. Tilipakis, C. Douligeris and A. Neris, "Ontology-Based Tools for the management of Customers' Portfolios in a Deregulated Electricity Market Environment", Proceeding of 2nd International Conference on Metadata and Semantics Research (MTR), Ionian Academy, Corfu, Greece, Oct. 11-12, 2007. (appeared in editors: M-A Sicilia and M. D. Lytras, Metadata and Semantics, Springer, 2009, pp. 269-278.)
163. S. Drakatos and C. Douligeris, "A Cache Management Object Oriented Simulation for Mobile Environments", 10th ACM International Symposium on Modeling, Analysis and Simulation of Wireless and Mobile Systems, October 22 - 26, 2007
Location: Chania, Crete Island, Greece.
164. A. Mitrokotsa, M. Tsagkaris and C. Douligeris, "Intrusion Detection in Mobile Ad Hoc Networks Using Classification Algorithms", IFIP Vol. 265, Advances in Ad Hoc Networking, eds Cienca P, Guerrero C, Puigianer R, Serra B, Springer, Boston, pp. 133-144, 2008 (presented in MedHoc 2008, Mayorka, Spain).
165. Tselikis, C., Douligeris, C., Mitropoulos, S., Komninos, N. 2008. 'Consistent Re-clustering in Mobile Ad Hoc Networks', Proceeding of the International Wireless Communication and Mobile Computing (IWCMC'08), IEEE, Chania, Greece, 6-8 August 2008, pp. 825-830.
166. Mitropoulos, S., Andreatos, A., Douligeris, C. 2008. 'An Integrated Distributed Processing Approach for E-Commerce System Design and Development', Proceedings of the International 12th WSEAS CSCC Multiconference, Heraklion, Crete, July 2008
167. N. I. Miridakis, V. Giotsas, D.D. Vergados and C. Douligeris, "A Novel Power-Efficient Middleware Scheme for Sensor Grid Applications", The Sixth International Conference on Heterogeneous Networking for Quality, Reliability, Security and Robustness (QSHINE 2009), November 23-25, 2009, Las Palmas de Gran Canaria, Spain.
168. N.I. Miridakis, D.D. Vergados, I. Anagnostopoulos and C. Douligeris, "A discussion on proxy-based middleware for Sensor Grid Architectures", 4th EGEE User Forum/OGF25 & OGF-Europe's 2nd International Event, 2-6 March, 2009, Catania, Sicily, Italy.

169. G. Kastaniotis and C. Douligeris, "An Efficient Simulator for Reactive Web Caching", 2nd International Symposium on Intelligent Interactive Multimedia Systems and Services, Mogliano Veneto, Italy, 16-17 July 2009.
170. S. Drakatos and C. Douligeris, "Context Awareness and Prediction for Mobile and Ubiquitous Computing", Proceedings of 13th Panhellenic Conference on Informatics, (PCI09), 10-12 Sept. 2009, Corfu, Greece, pp. 41-52.
171. V. Meneklis and C. Douligeris, "Studying the Interaction of the Epistemology in e-Government, Organization Studies and Information Systems", 3rd International Conference on e-Democracy, Next Generation Society: Technological and Legal Issues, Athens, Greece, Sept. 23-25, 2009, published in A. B. Sideridis and Ch. Z. Patrikakis (Eds): e-Democracy 2009, LNICST, pp. 79-86, 2010.
172. S. Papastergiou, D. Polemi and C. Douligeris, "SWEB: An advanced mobile residence service", 3rd International Conference on e-Democracy, Next Generation Society: Technological and Legal Issues, Athens, Greece, Sept. 23-25, 2009, published in A. B. Sideridis and Ch. Z. Patrikakis (Eds): e-Democracy 2009, pp. 421-430, 2010.
173. V. Meneklis and C. Douligeris, "Exploring the Dynamics of Change in European Municipal Settings: A Case Study of two Research and Development Projects", Proceeding of the Mediterranean Computer Information Systems (MCIS) Conference, Athens, Greece, Sept. 26-28, 2009.
174. D. Zorbas and C. Douligeris, "Satisfying Coverage and Connectivity in Bandwidth Constrained Sensor Networks", 9th International Symposium on Information and Communication Technology (ISCIT 09) Incheon, Korea, IEEE Press, Sept. 28-30, 2009, pp. 390-295.
175. S. Nikolidakis, V. Giotsas, D. D. Vergados and C. Douligeris, A Mobile Health Care System Using IMS and the HL7 Framework, ACM/IEEE Symposium on Architectures for Networking and Communications Systems, October 19-20, 2009. Princeton, New Jersey, USA.
176. D. Zorbas, D. Glynos, C. Douligeris, "Connected partial target coverage and network lifetime in wireless sensor networks", *2nd IFIP Wireless Days Conference*, Paris, IEEE, 15-17 Dec., 2009
177. Tselikis, C., Mitropoulos, S., Douligeris, C., Ladis, E., Georgouleas, K., Vangelatos, C., Komninos, N. 2009. 'Empirical Study of Clustering Algorithms for Wireless Ad Hoc Networks', Proceeding of the 16th International Workshop on Systems, Signals and Image Processing (IWSSIP'09), IEEE-EURASIP, Chalkida, Greece, 18-20 June 2009, pp 1-6 .
178. N. I. Miridakis, V. Giotsas, D.D. Vergados and C. Douligeris, "A Novel Power-Efficient Middleware Scheme for Sensor Grid Applications", The Sixth International Conference on Heterogeneous Networking for Quality, Reliability, Security and Robustness (QSHINE 2009), November 23-25, 2009, Las Palmas de Gran Canaria, Spain.
179. Giotsas, S. Nikolidakis, E. Georgakakis, D.D. Vergados, C. Douligeris, "A Secure Ubiquitous Healthcare System Based on IMS and the HL7 Standards", The 3rd International Conference on Pervasive Technologies Related to Assistive Environments (PETRA 2010), June 23-25, 2010, Samos, Greece
180. T. Karvounidis and C. Douligeris, "Social Network Technologies in education planning and development", Workshop in Education (WIE) 2010, PCI 2010, N. Alexandris, V. Belesiotis and P. Vlamos (eds), Tripolis Greece, 10-12 Sept. 2010, pp. 151-162.
181. D. Zorbas, C. Douligeris, "Efficient target coverage in WSNs with bidirectional communication", 15th International Workshop on Computer-Aided Modeling Analysis and Design of Communication Links and Networks (CAMAD), Miami, USA, IEEE, 3-4 Dec., 2010
182. E. Georgakakis, S.A. Nikolidakis, D.D. Vergados, C. Douligeris, "An Analysis of Bluetooth, Zigbee and Wibree and their Use in WBANs", International Conference on Wireless Mobile Communication and Healthcare (MobiHealth 2010), October 18-20, 2010, Ayia Napa, Cyprus.
183. D. Zorbas, C. Douligeris, V. Fodor, "Target location based sink positioning in wireless sensor networks", 18th International Conference on Telecommunications, Cyprus, IEEE, 8-11 May, 2011,

184. E. Georgakakis, S. Nikolidakis, D.D. Vergados, C. Douligeris, "SpatioTemporal Emergency Role Based Access Control (STEMIRBAC)", 16th IEEE Symposium on Computers and Communications (IEEE ISCC'11), June 28 - July 1, 2011, Kerkyra (Corfu), Greece.
185. A. Sabouri, N. Komninos and C. Douligeris, "User-Dependent cryptography for security in future mobile telecommunication systems", 18th International Conference on Telecommunications, Cyprus, IEEE, 8-11 May, 2011, pp. 466-470.
186. Katsikogiannis, G., Mitropoulos, S., Douligeris, C. 2011. 'A PBNM System for Adaptive Routing', the Proceedings of the Eureka! 2011 Pan-Hellenic Conference, Kastoria, Greece, September 2011
187. S. Nikolidakis, V. Giotsas, E. Georgakakis, D. Vergados, C. Douligeris, "Towards Utilizing Tcpcrypt in Mobile Healthcare Applications", International Conference on Wireless Mobile Communication and Healthcare (Mobihealth 2011), 05-07 October, 2011, Kos, Greece.
188. T. Karvounidis, K. Chimos, S. Bersimis and C. Douligeris, "An Integrated Self-Evaluated Framework for Embedding Web 2.0 Technologies in the Educational Process", IEEE Educon 2012, April 17-20, Marrakesh, Morocco, pp. 488-494.
189. P. Kotzanikolaou, E. Magkos, N. Petrakos, C. Douligeris and V. Chrissikopoulos, "Fair Anonymous Authentication for Location Based Services", 7th International Workshop on Data Privacy Management, 13-14 September, 2012, Piza, Italy.
190. K. Chimos, T. Karvounidis and C. Douligeris, Unibookse: An Innovative Environment for life-long Learning, International Conference on Interactive Lifelong Learning, Villach, Austria, Sept. 26-28, 2012.
191. K. Chimos, M. Bassios, T. Karvounidis, I. Kostis, I. Katsanakis and C. Douligeris, "IP.AD.: An Integrated Project Management & Instructional Systems Development Model for e-learning", 16th Panhellenic Conference on Informatics, Piraeus, Greece, Oct. 5-7, 2012
192. M. Bassios, I. Kostis, K. Chimos, T. Karvounidis, C. Douligeris and I. Katsanakis, "A Web 3.0 Mashup to promote the e-learning platform "Unibook", ECEL 2012, Groningen, The Netherlands, Oct. 25-27, 2012, pp/ 290-298.
193. 16. Καρβουνίδης Θ., Χίμος Κ., Δουληγέρης Χ., (2012), Ηλεκτρονική Εκπαίδευση: Νέες τάσεις και νέες πρακτικές, CIE 2012-Η πληροφορική στην Εκπαίδευση, Πειραιάς, 5-7 Οκτωβρίου 2012.
194. K Chimos, C. Douligeris, T. Karvounidis, M. Basios and S. Bersimis, "Unisuite: An Innovative Integrated Suite for Delivering Synchronous and Asynchronous online Education", IEEE Global Engineering Education Conference (EDUCON 2013), Berlin, Germany, March 13-15, 2013 pp. 400-404.
195. Chimos K., Karvounidis T., Mpasios M., Tsiligiridis T. (2013). E-Learning on Geographic Education in Higher Education, INTED2013 Conference, 4-6 March 2013, Valencia, Spain, INTED2013 Proceedings, pp. 3107-3112
196. C. Liaskos, G. Papadimitriou and C. Douligeris, "Sensor Swarm Query Filtering: Heightened Attack Resilience for Broadcast on Demand Services", 18th IEEE International Symposium on Computers and Communications (ISCC 2013), Split Croatia, July 7-10, 2013.
197. C. Tselikis, N. Komninos and C. Douligeris, "SAnoVS: Secure Anonymous Voting Scheme for Clustered Ad Hoc Networks", 18th IEEE International Symposium on Computers and Communications (ISCC 2013), Split Croatia, July 7-10, 2013, pp. 192-196.
198. N. Ntouskas, E. Georgakakis, D. Polemi, C. Douligeris, M. Theoharidou and D. Gritzalis, "S-Port: Collaborative Security Management of Port Information Systems", The Fourth International Conference on Information, Intelligence, Systems and Applications (IISA 2013). July 10 – 12, 2013. Piraeus, Greece.
199. K. Chimos, M. Basios, D. Kallergis and C. Douligeris, "Combining Technologies with the ECFS File System", Information Technology Based Higher Education and Training (ITHET) 2013, October 10-12, Antalya, Turkey.

200. Ι. Μαλτέζος, Δ. Κοτσιφάκος, Χ. Δουληγέρης: Απομακρυσμένη διαδικτυακή πλατφόρμα στην διδασκαλία των Επαγγελματικών Λυκείων: διδακτικά αποτελέσματα και συμπεράσματα, 5th Conference on Informatics in Education - Η Πληροφορική στην εκπαίδευση (Πειραιάς, 5th CIE 2013).
201. Καρβουνίδης Θ., Χίμος Κ., Μπερσίμης Σ., Δουληγέρης Χ., (2013), Αποτίμηση ενός ολοκληρωμένου εκπαιδευτικού περιβάλλοντος με εργαλεία κοινωνικής δικτύωσης, CIE 2013 - Η πληροφορική στην Εκπαίδευση), Πειραιάς, 11-13 Οκτωβρίου 2013.
202. M. Mpsios, D. Kallergis, K. Chimos, T. Karvounidis, C. Douligeris (2013). Software in E-learning Architecture, processes and management, 6th International Conference of Education, Research and Innovation (iCERI2013), 18-20 November, Seville, Spain. iCERI2013 Proceedings, pp.3563-3570. ISBN: 978-84-616-3847-5.
203. G. Makrodimitris, N. Tantouris, C. Douligeris, D. Polemi, Security Risk Assessment Challenges on Port Information Technology Systems, e-Democracy, Athnes, Greece, December 2013.
204. Kallergis D., Chimos K., Vyzikidis S., Karvounidis T., Basios M. and Douligeris C., "Pirus: A File Storage Service in Cloud Computing for Educational Use", IEEE Educon 2014, 3-5 April 2014, Istanbul, Turkey, pp. 416-421.
205. Κοτσιφάκος Δ., Καρβουνίδης Θ., Δουληγέρης Χ.: Χρήση Διαδικτύου στο Μάθημα του ΣΕΠ για τους Μαθητές και Μαθήτριες των ΕΠΑΛ: Διδακτικά Αποτελέσματα και Συμπεράσματα, Conference on Informatics in Education - Η Πληροφορική στην εκπαίδευση (Κέρκυρα, 6th CIE 2014).
206. Ε. Σεραλίδου και Χ. Δουληγέρης, Διερεύνηση του βαθμού επιρροής της άτυπης εκπαίδευσης με τη χρήση νέων τεχνολογιών στις διαδικασίες της τυπικής εκπαίδευσης, Conference on Informatics in Education - Η Πληροφορική στην εκπαίδευση (Κέρκυρα, 6th CIE 2014).
207. Τζουρντού Α., Κοτσιφάκος Δ., Δουληγέρης Χ.: Αξιοποιώντας τη Μουσική και τον Πολιτισμό για τη διάδοση της Ευρωπαϊκής Ιδέας, 5ο Συνέδριο για την Εκπαιδευτική Πολιτική της Ένωσης Εκπαιδευτικών Μουσικής Αγωγής Πρωτοβάθμιας Εκπαίδευσης και της Περιφερειακής Διεύθυνσης Πρωτοβάθμιας και Δευτεροβάθμιας Εκπαίδευσης Αττικής (Αθήνα, 2014)
208. E. Giannopoulou, N. Mitrou, C. Himos, T. Karvounidis and C. Douligeris, "A Semantic Web Approach in the implementation of a linked data portal using a CMS", The 10th International Conference on Signal, Image Technology and Internet-Based Systems, 23-27 November 2014, Marrakesh, Morocco.
209. D.Kallergis, T. Chavakis, C. Papacharalampou, K. Chimos, C. Douligeris (2014). Earth and groundwater visualisation using 3D modelling techniques in a cloud computing environment. 14th IEEE International Symposium on Signal Processing and Information Technology (ISSPIT2014), 15-17 December, Noida, India. IEEE Conference Proceedings, pp.78-84.
210. D.Kallergis, C. Papacharalampou, K. Chimos, T. Chavakis, C. Douligeris (2014). A Hybrid Cloud Computing Approach for Managing Spatial Data: A Case Study for Water Resources in Greece. 5th International Conference on Computing for Geospatial Research and Application (COM.Geo2014), 4-6 August, Washington, USA. IEEE Conference Proceedings, pp.33-37.
211. Tselikis C., Mitropoulos S., Douligeris C. 2014. 'A Secure Clustering Scheme for Geographically Routed Wireless Ad Hoc Networks', Proceedings of IEEE International Symposium on Signal Processing and Information Technology, Noida, India December 2014
212. E. Seralidou and C. Douligeris, Identification and Classification of Educational Collaborative Learning Environments, International Conference on Communication, Management and Information Technology (ICCMIT), Czech Republic, 2015¹.
213. S. Nikolidakis, D. D. Vergados and C. Douligeris, Energy Efficient Automated Control of Irrigation in Agriculture by using Wireless Sensor Networks, 1st International Conference on Agrifood Supply Chain Management & Green Logistics, May 25-27, 2015, Porto Carras, Chalkidiki, Greece.

¹ Best student paper award

214. Tselikis, C.; Mitropoulos, S.; Douligeris, C., "A cooperative framework towards self-protection and self-organization in Mobile Ad Hoc Networks," in Communications (ICC), 2015 IEEE International Conference on , vol., no., pp.5922-5927, 8-12 June 2015.
215. G. Makrodimitris and C. Douligeris, Towards a Successful Exercise Implementation – A Case Study of Exercise Methodologies, Human Computer Interaction International (HCII), Los Angeles, Ca, USA, Aug. 2015.
216. Kotsifakos D., Karvounidis T., Douligeris C.: A Metacognition Approach In The Teaching Of Web Technologies, 8th annual International Conference of Education, Research and Innovation (16-18 NOVEMBER, 2015 SEVILLE (SPAIN))
217. Κοτσιφάκος Δ., Δουληγέρης Χ.: Η επίδραση της Αλγοριθμικής Σκέψης στην Διδασκαλία του μαθήματος των Δικτύων Υπολογιστών, 32ο Συνέδριο Μαθηματικής Εταιρείας (Καστοριά, 2015).
218. Γκίκας Δ., Κοτσιφάκος Δ., Δουληγέρης Χ.: Σχεδιασμός Δικτύωσης Εργαστηριακού Κέντρου, 7th Conference on Informatics in Education - Η Πληροφορική στην εκπαίδευση (Πειραιάς, 7th CIE 2015).
219. Ε. Σεραλίδου, Δουληγέρης Χ., Διερεύνηση του βαθμού επιρροής της άτυπης εκπαίδευσης με τη χρήση νέων τεχνολογιών στις διαδικασίες της τυπικής τεχνικής εκπαίδευσης – Μία συγκριτική μελέτη, 7th Conference on Informatics in Education - Η Πληροφορική στην εκπαίδευση (Πειραιάς, 7th CIE 2015).
220. C Douligeris, G. Feng, and M. Klinkowski, A Heuristic for Routing, Modulation and Spectrum Allocation in Spectrum Sliced Elastic Optical Path Network, 15th IEEE Symposium on Signal Processing and Information Technology (ISSPIT2015), 7-10 December, Abu Dhabi, UAE.
221. G. Katsikogiannis, S. Mitropoulos and C Douligeris, UACS: Towards Unified Access Control Services, 15th IEEE Symposium on Signal Processing and Information Technology (ISSPIT2015), 7-10 December, Abu Dhabi, UAE.
222. D. Kallergis, J. Tsantilis and C. Douligeris, Performance Evaluation of Cloud Systems: A Behavioural Approach, 15th IEEE Symposium on Signal Processing and Information Technology (ISSPIT2015), 7-10 December, Abu Dhabi, UAE.
223. D. Tzoumpa, T. Karvounidis and C. Douligeris, Applying Ontologies in an Educational Context, IEEE Educon 2016, Ahbu Dhabi, UAE.

Presentations (review based on abstract)

1. C. Douligeris, 'Pareto Flow Control in a Markovian Queueing Network", Presented at the XII IFORS, Athens, June 25-29, 1990.
2. K. G. Zografos, L. Chaoxi and C. Douligeris, 'Location - Allocation Models for Designing Service Restoration Districts for an Electric Utility Company", ORSA/TIMS Meeting, Philadelphia, PA, Oct. 1990.
3. K. G. Zografos, C. Douligeris and L. Chaoxi, 'A Simulation Model for the Optimum Deployment of Service Restoration Units', ORSA/TIMS Meeting, Anaheim, CA, November 1991.
4. K. G. Zografos, C. Douligeris and L. Chaoxi, 'A Model for the Optimum Deployment of Service Restoration Units', ORSA/TIMS Meeting, Nashville, TN, May 12-15, 1991.
5. C. Douligeris and L. N. Kumar, 'On the Unfairness in the Intranetworking Environment', ORSA Telecommunications Workshop, Boca Raton, FL, March 9-11 1992.
6. I. Perreira and C. Douligeris, 'Quality and its Application to Telecommunications', ORSA / TIMS Meeting, Orlando, FL, April 26-29, 1992.
7. K. G. Zografos, C. Douligeris and L. Chaoxi, 'A Comparison of Alternative Districting and Dispatching Strategies for Emergency Response Operations', ORSA/TIMS Meeting, Orlando, FL, April 26-29, 1992.

8. M. Kabakcioglou, C. Douligeris, G. Thuroczy and M. Bodo, 'Application of Machine Learning and Expert System Methods for Automated Cerebrovascular Screening', Magyar Stroke Konferencia, Debrecen, Hungary, Dec. 1-3, 1994.
9. C. Douligeris, E. Iakovou, A. Korde, 'Optimization Methods in Contingency Planning for Oil Spill Incidents', TIMS XXXII, Anchorage, Alaska, June 12-15, 1994.
10. C. N. K. Mooers, C. Douligeris, 'South Florida Oil Spill Research Center', Coastal Zone 95, Tampa, FL, July 16-21, 1995.
11. E. Iakovou, and C. Douligeris, 'A Strategic Transportation Model for Oil in US Waters', 19th International Conference on Computers and Industrial Engineering, March 3-6, 1996, Miami, FL.
12. E. Iakovou, C. Douligeris and H. Li, 'A Strategic Planning Model for Marine Oil Transportation in the US', INFORMS Washington Meeting, Washington, DC, 1996.
13. C. Douligeris and J. Collins, 'Design of Prototype Oil Spill Information Management System', Florida Coastal Ocean Sciences and Technology Symposium 1996 (FCOSTS96), 9-10 April 1996, Harbor Branch Institute, Ft. Pierce FL.
14. A. Ives, B. Baca, C. Douligeris and E. Iakovou, 'Quantitative Pollution Risk Assessment using a GIS Based System', Third International Ocean Pollution Symposium, 7-11 April 1997, Ft. Pierce, FL.
15. E. Aboelela and C. Douligeris, "Fuzzy Generalized Network Approach for Solving an Optimization Model for Routing and Bandwidth Allocation in B-ISDN", 2nd IFIP Workshop on Traffic Management and Synthesis of ATM Networks, Montreal, Canada, September 24-26, 1997.
16. C. Douligeris, 'Fuzzy Logic Based Congestion Control in ATM Networks', International Workshop on Fuzzy Logic, Thessaloniki, Greece, October, 16-20, 1998.
17. A. R. Ives and C. Douligeris, 'The EXCHANGE: A List-Server for the Oil Spill Management Community', Oil Spill 98 Conference, England, Fall 1998.
18. E. Iakovou, C. Douligeris and L. Yudhbir, 'A Multimodal, Multiproduct Strategic Model of Marine Oil Transportation', Spring 1998 INFORMS meeting, Montreal Canada, April 26-29, 1998.
19. E. Aboelela and C. Douligeris, "Application of Generalized Transportation Model to Routing in B-ISDN", Fourth (INFORMS) Telecommunications Conference, Boca Raton, Florida, USA, March 8-11, 1998.
20. E. Iakovou, L. Yudhbir and C. Douligeris, "A Comprehensive Transportation and Risk Cost Model for the Maritime Transportation of Petroleum Products", Proceedings of the Marine Transportation System Research and Development Co-ordination Conference, U.S. Dept of Transportation, Maritime Administration, Fairfax, VA, Nov. 2-4 1999.
21. G. Feng, C. Douligeris, 'Neural Networks Based Minimum Delay Routing in Packet-Switched Networks, 5th INFORMS Telecommunications Conference, Boca Raton, FL, USA, Mar. 5-8, 2000.
22. C. Douligeris and G. Feng, "Fast Algorithms for Delay-Constrained Unicast QoS Routing", INFORMS Miami Annual Meeting, Miami Beach, FL, Nov. 2001.
23. C. Douligeris, R. Mavropodi and P. Kotzanikolaou, "Agent – Based Security in Intelligent Multimedia Retrieval in Intelligent Networks", INFORMS Miami Annual Meeting, Miami Beach, FL, Nov. 2001.
24. S. Mitropoulos and C. Douligeris, "The Impact of New Service Oriented Architectures Technologies in the New Global Market Operation", HSSS 2007, Piraeus, Greece, 18-20 May 2007.
25. Mitropoulos, S., Douligeris, C. 2008. 'The Strategic Role of Information Systems in the Innovation-driven Enterprises', Proceedings of 4th HSSS Conference, Ioannina, May 2008.

26. G. Kastaniotis and C. Douligeris, "SYNTHIA: An Object-Oriented Framework for the Synthesis of Internet Activity", Proceedings of 5th National and International HSSS Conference, Xanthi, Greece, June 2009.
27. Mitropoulos, S., Xroni, M., Douligeris, C. 2011. 'Effective IT Project Management via Business Process Simulation' the Proceedings of 7th HSSS Conference, Athens, 4-7 May 2011
28. Chimos K., Kolovos M., Karvounidis T., Douligeris C., (2011), Social Networking Technologies in Synchronous and Asynchronous Education: Design and Implementation, Hellenic Society for Systemic Studies (HSSS), 7th. National & International Conference, May 2011.
29. Αράπογλου Δ., Βαρζάκας Θ., Βλυσίδης Α., Δουληγέρης Χ. και Ισραηλίδης Κ. (2012). "Διαχείριση αποβλήτων βιομηχανίας πατάτας (ΑΒΠ) για την παραγωγή βιοαιθανόλης" 2ο Κοινό Συνέδριο Ε.Υ.Ε. - Ε.Ε.Δ.Υ.Π., 11-13 Οκτωβρίου 2012, Πάτρα
30. S. Mitropoulos and C. Douligeris, "Enabling e-Government via Document Workflow Management and e-Collaboration Systems, 9th. HSSS National & International Conference, Volos, Greece, July 11-13, 2013.
31. Basios M., Mpasiou V., Chimos K., Karvounidis T., Douligeris C., "Extreme Computing", 9th. HSSS National & International Conference, Volos, Greece, July 11-13, 2013.
32. Mpasiou V., Chimos K., Mpasiou M., Karvounidis T., Douligeris C., "Life expectancy at birth-a global analysis", 9th. HSSS National & International Conference, Volos, Greece, July 11-13, 2013.
33. Mpasiou V., Kallergis D., Chimos K., Karvounidis T., Douligeris C., « High yield municipal bonds regarded as an attractive investment", 9th. HSSS National & International Conference, Volos, Greece, July 11-13, 2013.
34. A. Karantjias, D. Polemi and C. Douligeris, "Transparent and correlated Economic Policies using Innovative Technologies", International Conference on Applied Business and Economics (ICABE), New York, USA, Oct. 2-4 2013.
35. D. Polemi, I. Koliouis and C. Douligeris, "A Methodological Approach in Assessing Security in Port Communication Systems", International Conference on Applied Business and Economics (ICABE), New York, USA, Oct. 2-4 2013.
36. Mitropoulos S., Rodios M., Douligeris C., A Cooperative Digital Library System in a Mobile Environment, 10th National and International Conference on Systemic Entrepreneurship, Innovation, Business, Growth, Hellenic Society for Systemic Studies (HSSS), 29-31 May, 2014, Athens, Greece.
37. C.J. Israilides¹, A. Vlysidis, N. Van den Smissen, D. Iconomou¹, D. Arapoglou¹, M. Girgis, Th. Varzakas, C. Douligeris, Y. Kotzamanis, S. Harding and I. Connerton, Utilization of Agro-Industrial Solid Wastes for high added value products by recycling Bio-technologies, TINOS 2015 3rd International Conference on Sustainable Solid Waste Management, Tinos Island, Greece, July 2015.
38. Κοτσιφάκος Δ., Κοτσιφάκου Α., Δουληγέρης Χ.: Ψυχικές και Μαθησιακές Δομές στις Ειδικές Διδακτικές της Τεχνικής Επαγγελματικής Εκπαίδευσης, 1ο Συνέδριο Σχολικής Ψυχολογίας (19-22 ΝΟΕΜΒΡΙΟΥ, 2015 ΑΘΗΝΑ)

Annex 4: Awards, projects (Recent)

"Multi –ordER Dependency approaches for managing cascading effects in ports' global sUpply chain and their integration in risk Assessment frameworks-MEDUSA (HOME/2013/CIPS/AG/4000005093), project manager, 2014-2016

«Multidimensional, IntegraTed, risk assessment framework and dynamic, collaborative Risk ManaGement tools for critical information infrAstrucTurEs - "MITIGATE"», EU Horizon2020, Project manager, 2015-2017

OPEN MODELS INITIATIVE- OMI, Erasmus+ DAAD, 2015-2017, project manager

Paccino: Platform for trans-Academic Cooperation in Innovation, Adriatica, External Consultant, 2014-2016

Collaborative Cyber Physical Security Management System (CYSM), EU HOME, 2013-2015, project manager

Euro-meDiterranean cAreer & Employment aDvisor portAl for the mobiLity of yoUng residentS (DAEDALUS), ENPI MED, 2014-2015, Project manager

S-Port: Collaborative Security Management of Port Information Systems, ΕΣΠΑ Συνεργασία, ΓΓΕΤ, 2011-2014

Digital Herodotus, Interreg, 2013-2015

NETSHARE: NETWORK OF ICT EXPERIENCED ORGANISATIONS, SHARING EXPERIENCES, KNOWLEDGE AND SUPPORTING SMES, EU IST, Επιστημονικός Υπεύθυνος, 2008-2011

Connect2sea, EU IST Support action, travel grant, 2015

“Participatory Immigration Policy Making and Harmonization based on Collaborative Web2.0 Technologies” IMMIGRATION POLICY 2.0, EU IST, 2010-2013

Emayor, EU IST, 2007-2010. Project manager

SELIS, Secure Electronic Invoicing Service EU, IST, Workpackage Leader, 2004-2006.

Secure, interoperable, cross border m- services contributing towards a trustful European cooperation with the non-EU member Western Balkan countries (SWEB), 044979, IST, PI for Univ. of Piraeus, 2007-2009.

Egee 2 Enabling Grids for E-sciencE (IST) 2006-σήμερα PI for Univ. of Piraeus, EU Contract 031688

Egee Enabling Grids for E-sciencE (IST), 2004-2006 PI for Univ. of Piraeus,

e-partenariate, subcontractor, EU IST.

Prof. Douligeris has participated in several projects funded by major Greek Telecommunication Companies (COSMOTE, VODAFONE, VICTUS, UNISYSTEMS, DIADIKASIA), Greek organizations (Hellenic Red Cross, Ministry of Health, Gennimatas General Hospital), the General Secretariat for Research and Technology (GSRT), and Structural Funds Programs (EPEAEK, ESPA). (Details about the titles of these programs can be found in the Greek version of the resume).

USA PROJECTS

Robust Stability of Discrete Nonlinear Systems', NSF, \$290,000, 1998-1999

“Congestion Control Algorithms in ATM Networks”, NSF 1998 (\$100,000)

“Analysis of Contingency Plans in the Gulf of Mexico”, NOAA Seagrant 1996-1997 (\$87,000)

“Ocean Status Information Management System”, NOAA, 1995-1996 (70,000).

“Human Factors in Oil Spill Incidents”, Dept. of Transportation, 1995-1996 (\$96,772).

“Routing Models for Transportation of Elderly and Disabled Persons”, Miami Center for Human Factors and Aging, Miami, FL, 1994 (\$9,800).

“Oil Spill Information Management System”, United States Coast Guard, 1994-1995, Project Co-Leader (with C. N. Mooers), (\$255,489).

“National Marine Oil Transportation System Model”, United States Coast Guard, 1994-1995, Project Leader, (Project Budget \$292,917). “Design of Prototype South Florida Oil Spill Management System”, USCG, 1993-1994 (\$50,000 with Drs K. Zografos, L. Iakovou, J. Englehardt, F. Wu and J. Collins)

“Integrating Business and Engineering Curricula”, National Consortium for Technology in Business, 1992 (\$6,000) Project Leader.

“A Model for Predicting Emergency Repair Crew Requirements Under Severe Service Disruption Conditions”, Florida Power Light Co. through the U. of Miami Institute for the Study of Quality, 1991-1992.

“Application of G.I.S. Technology in Designing Service Repair Territories”, Florida Power Light (\$8,624)

“A Model for Reducing Service Restoration Time Through the Optimum Deployment of Service Restoration Units”, Florida Power and Light, Academic Years 1990-1991, 1991-1992 (\$109,313 with Dr. K. G. Zografos)
“Multiobjective Flow Control in Computer Networks”, Florida High Technology and Industry Council, 1990. (\$ 40,000, operational phase, \$20,000, planning phase)

EDITORIAL RESPONSIBILITIES

1. **Journal of Networks (JNW)** (Academy Publisher), Editorial Board, 2010 – Παρόν
2. **Computer Networks (formerly Computer Networks and ISDN Systems)** (Elsevier), Editor, 2000-2014
3. **International Journal of Applied Systemic Studies**, (Inderscience Publishers), Member of Editorial Board, 2008-present
4. **IEEE Network**, Technical Editor, 2001-2011
5. **IEEE Communication Letters and Surveys**, Editorial Board, 2009- Παρόν
6. **IEEE Communications Letters**, Associate Editor, 1998-2010.
7. **Journal of Communications and Networks (JCN)**, Editor, 2007-Παρόν
8. **Journal of Internet Engineering (JIE)**, Editor, 2007-παρόν
9. **Euro Mediterranean Journal of Business, Associate Editor**, 2004-παρόν.
10. **International Journal of Wireless and Mobile Computing** (Inderscience Publishers), Associate Editor, 2006-παρόν
11. **International Journal of Sensor Networks**, (Inderscience Publishers), Editor, 2007-παρόν.
12. **IEEE Communications Magazine**: Technical Editor, March 1994-March 2001 & Associate Technical Editor, 1992-1994.
13. **IEEE Communications Magazine Interactive: Technical Editor**, May 1996-2000

International Journal of Sensor Networks, Guest Go-Editor of special issue on Environmental Sensor Networks, 2008.

IEEE Network, Guest Co-editor of special issue on Wireless Local Area Networking: QoS Provisioning and Resource Management”, July/August 2005.

Computer Communications, Guest Co-editor, Special Issue on Computational Intelligence in Telecommunications Networks, Vol. 25, Issue 16, Fall 2002.

IEEE Communications Magazine, Guest Co-editor of special issue on ‘Quality Assurance Management’, October 1994.

IEEE JSAC, **Guest Co-editor of special issue on Intelligence in High Speed Networks, Feb. 2000.**

IEEE Communications Magazine: Guest Co-editor of special issue on ‘Communications in the Medical Environment’, June 1996

IEEE Communications Magazine: Guest Co-editor of special issue on ‘Communications for Intelligent Transportation Systems’, October 1996

Conference Committees

IEEE Educon 2017, General Chair

International FITCE Congress, 2015, Steering Committee

Conference in Informatics in Education, co-Founder and Member of Steering Committee, Greece (Piraeus and Corfu), 2010-2015

The Fourth Asian Conference on Information Systems, ACIS 2015, TPC Member

International workshop on autonomous monitoring and networking, (WAMN 2014), TPC Member

Asia Pacific Conference on Wireless and Mobile 2015 (APWiMob 2015), TPC Member

Balkan Conference on Informatics, 2012, 2013, 2015 TPC member

Frontiers in Education 2015, TPC member

South East European Doctoral Student Conference, DSC2012-2015, TPC member

e-Democracy’15, TPC member

IEEE Healthcom 2013, TPC Member

I3E 2013-2015 Program Committee The Eighth 2013 International Conference on Computer Engineering & Systems (ICCES’2013), TPC Member

International Conference on Connected Vehicles & Expo, 2012-2015, TPC Member

"Internet Architectures and Technologies - Program Committee Member" in BROADNETS 2012

1st International Workshop on Cloud Security and Data Privacy by Design. CloudSPD’15, Member of Program Committee

IEEE CAMAD 2011, 2012, 2013, 2014, 2015, 2016, TPC member
International Conference on PErvasive Technologies Related to Assistive Environments (PETRA), 2009, 2010, 2011, TPC member
IEEE CAMAD 2010, General Co-Chair
3rd Conference on Informatics in Education, 2011, Organizing Committee
MedHocNet 2012, General Co-chair
IEEE ISSPIT 2011, TPC Co-Chair
ICIT 2012 (International Conference on Industrial Technology 2012), Co-chair
PCI 2010, PCI 2011, Organizing Committee
IEEE CloudCom 2011, track on Fusion of Public and Private Research and Innovation", TPC member
Communication Networks and Services Research Conference (CNSR), Canada, 2011, TPC member ICP2012 (3rd International Conference on Photonics 2012), TPC Member

WSN'2011 (Wireless Sensor Networks - theory and practice, TPC member
COPECH (Collaboration tools for Preservation of Environment and Cultural Heritage), 2011, , TPC member
South East European Doctoral Student Conference (DSC) (Information & Communication Technologies track), 2010, 2011, TPC member
FedCSIS 2010, 2011, 2012 TPC member
IEEE Globecom, CQRM, 2010-2015 TPC member
IEEE ICC, CQRM, 2011-2015, TPC member
PDP 2011 (Euromicro Parallel, Distributed and Network-Based Processing, TPC member
International Conference on Pervasive and Embedded Computing and Communication Systems" - PECCS 2011, 2012, TPC member
IEEE ISCC, Steering Committee, 2011-today
IEEE ISCC2011, Conference General Co-chair, Corfu, Greece, 28 June-July 1, 2011 IEEE ISCC2012, Conference Committee, Turkey, 2012
IEEE ISCC2013, Conference TPC Co-chair, Split Croatia, 2013
IEEE ISCC 2012-2015, Finance Co-chair.
ICT 2011, TPC Co-Chair, Ayia Nappa, Cyprus, May 8-11, 2011.
Ημερίδα «Συντονισμένη Εποπτεία και Διαχείριση της Ασφάλειας και Ιδιωτικότητας στον Ελλαδικό Χώρο», Αθήνα 20 Οκτ. 2010, Οργανωτής
The Third International Symposium on Multimedia – Applications and Processing, MMAP 2010, TPC member
ICETE-WINSYS 2009 International Joint Conference on e-Business and Telecommunications (Sponsored by IEEE and SWIM), Milan, Italy, 7-10 July 2009, Programme Committee
3rd International Conference in e-Democracy, 23-25 Sept. 2009, Athens, Greece, Programme Committee.
2009 Fourth Balkan Conference in Informatics, 17-19 Sept. 2009, Thessaloniki, Program Co-Chair
13th Panhellenic Conference on Informatics, (PCI09), 10-12 Sept. 2009, Corfu, Greece, Technical Program Co-Chair
Greece Πύλη Πολιτιστικής Περιφέρειας Αττικής, 16 Μαρτίου 2009, Οργανωτής Ημερίδας.
ISADS 2009, The 9th International Symposium on Autonomous Decentralized Systems, Member TPC. Session Chair, Athens, 23-25 March 2009.
ICETE 2007, International Conference on e-business and Telecommunications, 28-31 July 2007, Barcelona, Spain, TPC member.
10ο ICT Forum, Αθήνα, Οκτώβριος 2008, Πρόεδρος συνεδρίας «Ευρωζωνικότητα και Ψηφιακή Στρατηγική: Μοχλός Ανάπτυξης της Τοπικής Αυτοδιοίκησης»
Γενικές αρχές εθνικής στρατηγικής για το απόρρητο και την ασφάλεια δικτύων και πληροφοριών, 16 Ιανουαρίου 2007, Πρόεδρος επιτροπής διοργάνωσης.
WiOpt, 2006, General Co-Chair
Globecom 2003 QoS and Security Symposium, Co-Chair
4th Workshop on: Best Practices on secure, interoperable cross border eGovernment Services, co-chair, 2006
5th Workshop on Secure eGovernment, "Secure e/m-Government enhancing cooperation with non-EU regions", Co-chair, 2007
4η Επιστημονική Ημερίδα " Βέλτιστες πρακτικές σε ασφαλείς και διαλειτουργικές υπηρεσίες η-διακυβέρνησης" Συντονιστική Ομάδα, 2005
IEEE INFOCOM 2005: Executive Committee

IEEE ISSPIT 2003, Tutorial Chair
 IEEE ISSPIT 2005, Local Arrangements Chair
 Med Hoc 2007, TPC Co-Chair
 Med Hoc 2004, Tutorial Co-Chair
 IEEE International Conference on Pervasive Services
 (ICPS 2007), Tutorial Chair
 Networking 2004, Tutorial Chair
 IEEE European Test Workshop 2002, Publicity Chair
 ECO-INFORMA 1996: Program Committee/ Florida Host Committee Member
 Fourth International Conference: Remote Sensing for Marine and Coastal
 Environments 1997: Program Committee/ Florida Host Committee Member
 The Institute of Emergency Management Conference (TIEMEC 1995), Steering and Technical Program Committee
 Member.
 Broadband Networks 2004, 2005, 2006, 2007, Program Committee
 Convergence of Heterogeneous Wireless Networks (ConWiN 2005),
 International Workshop on Computer-Aided Modeling, Analysis and
 Design of Communication Links and Networks (CAMAD), 2006, 2007, 2008, Program Committee
 Chinacom 2006, 2007, Program Committee
 First International Workshop on Convergence of Heterogeneous Wireless
 Networks (ConWiN 2005), TPC
 2006 IEEE International Cross-Layer Designs and
 Protocols Symposium, TPC
 3rd IFIP Conference on Artificial Intelligence Applications &
 Innovations (AIAI 2006), Athens, Greece, June 2006, Program Committee
 3rd IFIP Conference on Artificial Intelligence Innovations & Applications (AIAI 2006) June 7-9, 2006, Athens, Greece.
 Program Committee
 "Advances in Artificial Intelligence for Integrated
 Surveillance and Monitoring Systems (AIISMS'06), TPC
 European Conference on Computer Network Defense, October 4-5, 2007 Heraklion, Greece, TPC
 Chinacom 2006, 2007, TPC
 First International Workshop on Convergence of Heterogeneous, TPC
 Wireless Networks (ConWiN 2005), TPC
 2006 IEEE International Cross-Layer Designs and Protocols Symposium, TPC
 11ο Πανελλήνιο Συνέδριο Πληροφορικής, TPC
 First International Workshop on eSafety and Convergence of Heterogeneous Wireless Networks (eSCo-Wi'06), TPC
 Second IEEE International Workshop on eSafety and Convergence of Heterogeneous Wireless Networks (eSCo-Wi
 2007), TPC
 EUSIPCO-04 12th European Signal Processing Conference, TPC
 European Wireless Conference 2006, 2007, TPC
 IEEE Global Internet 2007, 2008, TPC
 IEEE Globecom, Symposium on World Class Solutions: Networking the Globe, TPC
 IEEE Globecom 2007 Performance Modeling, QoS and Reliability Symposium, , TPC
 HSSS 05, 07, Session organizer
 ICCCN 2001, 2002, 2003, 2004. 2005, 2006, 2007. TPC
 IASTED International Conference on Sensor Networks (SN 2008), TPC
 ICC02, ICC 2003, 2004, 2005, 2006, 2007, 2008: QoS, Reliability and Performance Evaluation Symposium, Program
 Committee
 International Conference on Artificial Neural Networks (ICANN-06), TPC
 Third International Conference on Digital Telecommunications ICDT 2006, 2007, 2008 , TPC
 International Conference on Multimedia and Expo (ICME), 2000, 2002, 2003, TPC
 IEEE International Conference on Pervasive Services
 (ICPS 2005) 2006, 2007, 2008, TPC
 IWCMC 2007 - WLANs and WPANs Symposium, TPC
 IWCMC 2006 Cross-Layer Designs and Protocols, TPC

The 2nd International Conference on Information Science and Security, TPC
 International Symposium on Wireless Local and Personal Area Networks in WirelessCom 2005, 2006, TPC
 MCWC 2006, 2007 (Mobile Computing and Wireless Communications International Conference), TPC
 Medhoc 2008, 2011, TPC
 ISYC is the first International Conference on Intelligent Systems And Computing: Theory And Applications (ISYC 2006), TPC
 International Conference: Ecological Protection of the Planet Earth 2001, Xanthi, Greece, Scientific Committee member
 2009 IEEE Symposium on Autonomous Decentralized Systems (ISADS'2009), TPC
 MediaWiN 2007 (Second Workshop on multiMedia Applications over Wireless Networks), TPC
 MIC-CPE 2008 (Mosharaka International Conference on Communications, Propagation, and Electronics), TPC
 The Second International Mobile and Multimedia Communications Conference (MobiMedia 2006), TPC
 10th Edition of MSWIM (10th ACM-IEEE International Symposium on Modeling, Analysis and Simulation of Wireless and Mobile Systems), TPC
 The First IEEE International Workshop on Security and Pervasive Multimedia Environments (MultiSec 2005), TPC
 International Workshop on Research Challenges in Security and Privacy for Mobile and Wireless Networks (WSPWN06), TPC
 RTSEC 2006, Security for Internet-based real-time systems, TPC
 SecPerU 2005, 2006, 2007 Workshop on Security, Privacy and Trust in Pervasive and Ubiquitous Computing, TPC
 STEN-06, the 4th Hellenic Conference on Artificial Intelligence, 2004, 2006, 2008, TPC
 TEMU2006 (International Conference on Telecommunications and Multimedia, 5-7 July 2006, Heraklion, Crete, Greece), TPC
 The Second Workshop on Autonomic Communications (WAC2005), TPC
 Wireless Communications and Networking Conference of 2000, TPC
 WINSYS, the International Conference on Wireless Information Networks and Systems, Barcelona (Spain) July 2007, TPC
 First Working Conference on Wireless On-demand Network Systems, 2006, TPC
 International Workshop on Theoretical and Algorithmic Aspects of Sensor and Ad-hoc Networks (WTASA'07), TPC
 The Institute of Emergency Management Conference (TIEMEC 1995), Session Chair.
 SCI 2003, Session chair
 IEEE Southeastcon 1993: Executive Committee
 IEEE Southeastcon 1993: Publications Committee Co-chair
 IEEE Communications Theory Workshop 1993: Local Organizing Committee
 IEEE INFOCOM 1992, 1993, 1994, 1995, 1996, 1997, 2001, 2002, 2003, 2005, 2006: Technical Program Committee Member
 SPIE, Applications and Science of Neural Networks, Fuzzy Systems and Evolutionary Computation V, 2002, Organizing Committee
 SPIE Performance Control of Network Systems 1997: Program Committee Member SBT/IEEE International Telecommunications Symposium, 1998, Technical Program Committee Member.
 SPIE Conference on Modeling and Control of Networks, 1998, Program Committee Member.
 SPIE Conference on Modeling and Control of Networks, 1998, Session Chair and Organizer.
 2 IFIP Workshop on Broadband Networks, Canada, 1997, Session Chair.
 IEEE ICC 1996: Session Organizer and Chairman
 IEEE ICC 1994: Computer Communications Committee Representative in Technical Program Committee
 IEEE ICC 1994: Session Organizer and Chairman
 IEEE ICC 1992, Chicago, IL: Session organizer and chairman
 IEEE INFOCOM 1991, Bal Harbor, FL: Member of Local Organizing Committee
 IEEE INFOCOM 2000, Israel, Session Chair on Wireless Networks

SCI 2000, Session Chair for Computer Networks, July 2000, Orlando FL.
ORSA First Workshop on Telecommunications, Boca Raton, March 1990: Session Chairman
ORSA Second Workshop on Telecommunications, Boca Raton, March 1992: Session Chairman
Fourth Data Communications Conference, Raleigh NC, October 1993, Technical Program Committee Member.
IEEE/MTS Oceans 96 Session Chair: Oil Spill Information Management Systems
IEEE/MTS Oceans 96 Session Chair: WWW in Oceanography.
7th IEEE Workshop on Computer-Aided Modelling Analysis and Design of Communication Links and Networks (CAMAD 98), Member of Committee
International Conference on Multimedia and Expo, New York City, July 30-August 2, 2000 ICME 2000, Member of Technical Program Committee
IEEE ICCCN 2000, ICCCN 2001, Member Technical Program Committee
IEEE Wireless Communications Networking Conference 2000, Member of Technical Program Committee.
Workshop on Intelligent Networks and Virtual Reality, Athens Greece, June 29, 2001: Session co-chair
INFORMS Miami Meeting, Nov. 2001, Cluster Chair of Telecommunications
Panhellenic Computer Science Competition, Steering Committee, 2002-present.

REVIEWER IN SCIENTIFIC JOURNALS

Proceedings of the IEEE, IEEE/ACM Transactions on Networking, IEEE Transactions on Communications, IEEE Communication Letters, IEEE Transactions on Automatic Control, IEEE Transactions on Fuzzy Systems, IEEE Transactions on Systems Man and Cybernetics, IEEE Transactions on Neural Networks, IEEE Transactions on Vehicular Systems, IEEE Transactions on Parallel and Distributed Systems, IEEE Journal of Selected Areas in Communications, IEEE Transactions on Engineering Management, IEEE Transactions on Intelligent Transportation Systems, IEEE Transactions on Automatic Control, IEEE Communications Magazine, IEEE Network Magazine, IEEE Transactions on Parallel and Distributed Systems, IEEE Transactions on Systems, Man, and Cybernetics--Part C: Applications and Reviews, IEEE Trans. Systems, Man and Cybernetics - Part B, IEE Proceedings, Mobile Networks (MONET), IEE Electronics Letters, ACM/Baltzer WINET, IEEE Spectrum, IEEE Multimedia, Annals of Operations Research, Computer Networks and ISDN Systems, International Journal of Microcomputer Applications, International Journal on Communication Systems, Journal of the Franklin Institute, Journal of Intelligent and Fuzzy Systems, Decision Sciences, European Journal of Operations Research, Journal of Applied Systems Studies, Transportation Science, QUESTA, Decision Support Systems, Computer Journal, ACM Transactions on Embedded Computing Systems, IET Communications, IET Computers & Digital Techniques, EURASIP Journal on Advances in Signal Processing, Computers and Security (Elsevier), Wireless Communications and Mobile Computing (WCM), Computers and Electronics in Agriculture (Elsevier), Information Sciences.

CONFERENCE REVIEWER

IEEE INFOCOM, IEEE ICC, IEEE GLOBECOM, IEEE ENM, IEEE International Conference on Computers and Communications, International Conference on Computer Communications and Networks (IC3N), TIEMEC, International Joint Conference on Neural Networks, Networking 2000, International Workshop on Digital and Computational Video, ICME 2000, PIMRC 2007, SANS 06, WCNC 2007, ICCCT-2013

BOOK REVIEWER

Prentice Hall, Marcel Dekker, Mc Graw Hill, Idea Group Publishing Company, Springer Verlag

PROJECT REVIEWER

Cyprus Research Agency,
Greek Scholarship Foundation
Ministry of the Exterior
European Union, IST Program, Cross Program Action 11, 2001
European Program, IST Program, Transport and Tourism, 2001

European Union, IST Program, Transport Telematics, Evaluator, 2005
European Union, IST Program, Transport Telematics, Integrated Project
Program Evaluator, 2005-2007
United States Civilian Research and Development Foundation for the
Independent States of the Former Soviet Union, 2001
United States National Science Foundation Networking Division
Hong Kong Research Grants Council 1999-2000-2001, 2007
United States – Israel Binational Science Foundation, 2007, 2009

External PhD Examiner

University of Waterloo, Canada
University of Swinburne, Australia

Professional Affiliations

Greek Technical Chamber
IEEE Communications Society (Member since 1989, Senior Member 1995)
IEEE Communications Society, Computer Communications Technical Committee (Member since 1989)
IEEE Standards Association, voting member for LAN, MAN and wireless standards.
INFORMS (formerly ORSA), Special Interest Group on Telecommunications (Associate Member 1989-1999)
ACM, Special Interest Group on Computer Communications, (Associate Member since 1994)
Greek Computer Society

Awards

Fulbright Scholar Award, 1999

Fulbright Awards Committee, 2001- 2007, 2013

IEEE LCN 2003, Mexican International Conference on Artificial Intelligence (MICAI 2000), egov 2008, Best paper
awards

IEEE Standards Committee, Voting member of IEEE 802 standards

Greek Scholarship Foundation, Scholarship, 1997.

Greek Orthodox Diocese of Atlanta, St. Michael's Honors, Νοέμ. 1998.

Eliahu I. Jury Excellence in Research Award, College of Engineering, University of Miami, October 27, 1995.

University of Miami Graduate School: Excellence in Mentorship Award, Spring 1997.

University of Miami Graduate School: Excellence in Mentorship Award, Spring 1996.

University of Waterloo: External Reader for Doctoral Dissertations, 1996.

NSF Travel grant to: Communication Networks and Neural Networks: The Challenge of Network Intelligence, ITC Mini-
Conference, Duke University, March 4-7, 1996.

Research Assistanship at CTR-Columbia University (1984-1989)

Armstrong Foundation Memorial Prize for achieving the highest scholastic standing as a Master's candidate in the
academic year 1984-1985

Invited Speaker (indicative)

“Cybersecurity: Recent Trends and Perspectives”, International Conference on Engineering and Natural Sciences, Skopje, FYROM, May 15-19, 2015.

Exposec Defense World Conference 2014, Defense and Security Policy: Meet the Future Challenges, “Cyber Defence: Latest Technologies and New Threats”, Athens, Greece, April 7-8.

Safety and Security in Cyber Space: Building up Trust in the EU, 2014, “Cybersecurity: Recent Trends and Perspectives”, Zappeion Megaron, Athens, Greece, 6-7 March.

3rd Regional Electronic Security Forum, Telecommunications Networks and Security, Organized by INA, “A View at Recent Legislative Initiatives Regarding Security and Privacy in Telecommunications in Greece”, October 11-12, 2007, Thessaloniki, Greece.

EETT, Hellenic Telecommunications & Post Commission, 2nd International Conference on Broadband Internet, “Municipal Broadband Networks”, Athens, June 1-3 2007.

“TRUST AND CONFIDENCE IN A FAST AND MOBILE ENVIRONMENT” “Denial of Service Attacks: Classification and Response”, ebusiness Forum, WG ST-3, Φεβρουάριος 2003.

INA Security Workshop, Sofia, Bulgaria, “Privacy Communications Assurance in Greece” December 2004.

Federal Polytechnic School of Lauzanne, Switzerland, May 1992 ‘Access to the Network Channel: A Survey into the Unfairness Problem’.

Florida International University, Miami, FL, October 1995, ‘OSIMS: An Oil Spill Information Management System’.

IEEE ICC/SUPERCOMM, Tutorial on ‘ATM Traffic Control’, June 1996.

Rosenstiel School of Marine and Atmospheric Sciences, Univ. of Miami, April 1996, ‘OSIMS’.

Rosenstiel School of Marine and Atmospheric Sciences, Univ. of Miami, March 1996, ‘Current Status of OSIMS’.

National Oceanographic and Atmospheric Administration (NOAA), October 1996, Washington, DC, ‘Ocean Status Information Management System’.

SOTAPOCS XXI, Panelist for ‘Will the Information Superhighway Mean Low Cost Components and High Quality Jobs’, North Miami, FL, Oct. 11, 1995.

University of Piraeus, Greece, Jan. 1997, ‘Computer Networks, Information Management and Internet Technologies’.

Athens University of Economics and Business, July 1998, ‘Communications and Multimedia Control and Management’.

‘Broadband Networks: Current Status and Perspectives’, University of Malta, Feb. 2000.

Networking 2000, Miniconference on Resource Allocation on Mobile Networks, Tutorial on Medium Access Protocols in Mobile Networks, May 2000, Paris, France.

Educational Experience

Courses Taught University of Miami

Undergraduate

EEN404 : Communication Systems

EEN416 : Senior Project Design (Telecommunications)

EEN419 : Senior Project Design (Information Systems and Computer Networks)

Graduate

EEN534 : Telecommunication Networks

EEN539 : Digital Communications

EEN634 : Analysis and Modeling of Computer Networks

EEN694 : Integrated Broadband Networks

On-site graduate

EEN 539: Digital Communications, McDonnell Douglas, Masters in Industrial Electronics and Computers, Spring 1992.

EEN634: Modelling and Analysis of Computer Networks, IBM, Masters in Computer Science, Fall 1992 and McDonnell Douglas, Masters in Industrial Electronics and Computers, Spring 1993.

CIS 640: Information Systems and Data Communications, Spring 1995, IBM Boca Raton, MBA/MS-CIS.

University of Piraeus

Computer Networks

Computer Architecture

High Speed Networks

Operating Systems II

Systems Programming

Multimedia Systems

Web Technologies

Distributed Systems

Distributed and Multiprocessing Systems

Signals and Systems

Web Information Systems

Mobile and Wireless Communications

Modeling and Analysis of Networks

Mobile Computing Systems

Multimedia Signals and Systems

Internet Programming and Internet Technologies

Cloud Computing

Telecom Protocols and Regulation Issues

PHD and Theses Supervision

Prof. Douligeris has graduated 7 PhDs at the Univ. of Miami and 14 at the Univ. of Piraeus.

He is currently supervising 7 PhD candidates.

Prof. Douligeris has been a member of more than 70 doctoral committees.

Every year he supervises more than 10 graduate theses and 20 undergraduate theses.

Prof. Douligeris has participated in numerous academic election bodies in Greece and abroad.

(A complete list can be found in the Greek version of the CV)

He has also been a member of numerous project evaluation committees in Greece.