E U R O P E A N C U R R I C U L U M V I T A E F O R M A T

PERSONAL INFORMATION

Name	**MAVRIDIS, IOANNIS**
Address	156, Egnatia str., 54006, Thessaloniki, Greece
Telephone	+302310891868
Fax	+302310891812
E-mail	mavridis@uom.gr

WORK EXPERIENCE

• Dates (from – to)	2012 onwards
• Name and address of employer	University of Macedonia, Department of Applied Informatics, 156 Egnatia str., 54006 Thessaloniki, Greece
• Type of business or sector	Education
• Occupation or position held	Associate Professor in Information Systems Security
• Main activities and responsibilities	Teaching (undergraduate and postgraduate courses) and research in Information Systems Security.
• Dates (from – to)	2006 - 2012
• Name and address of employer	University of Macedonia, Department of Applied Informatics, 156 Egnatia str., 54006 Thessaloniki, Greece
• Type of business or sector	Education
• Occupation or position held	Assistant Professor in Information Systems Security
• Main activities and responsibilities	Teaching (undergraduate and postgraduate courses) and research in Information Systems Security.
• Dates (from – to)	2002 - 2006
• Name and address of employer	University of Macedonia, Department of Applied Informatics, 156 Egnatia str., 54006 Thessaloniki, Greece
• Type of business or sector	Education
• Occupation or position held	Lecturer in Information Systems Security
• Main activities and responsibilities	Teaching and research in Information Systems Security
• Dates (from – to)	2001 onwards
• Name and address of employer	Hellenic Open University, Patras, Greece
• Type of business or sector	Education
• Occupation or position held	Collaborating Faculty Member
• Main activities and responsibilities	Teaching "Computer Systems Protection and Security" or "Principles of Software Engineering"
• Dates (from – to)	1993 - 2002
• Name and address of employer	Secondary school, Thessaloniki, Greece
• Type of business or sector	Education
• Occupation or position held	Informatics & New Technologies Head, Teacher in Informatics
• Main activities and responsibilities	Coordinating and Teaching
• Dates (from – to)	1989 – 1993

• Name and address of employer	Hellenic Vehicle Industry, Industrial area of Sindos, Thessaloniki, Greece
• Type of business or sector	Industry
• Occupation or position held	EDP manager
• Main activities and responsibilities	System management, software development, security
• Dates (from – to)	1987 – 1989
• Name and address of employer	Hellenic Vehicle Industry, Industrial area of Sindos, Thessaloniki, Greece
• Type of business or sector	Industry
• Occupation or position held	System analyst
• Main activities and responsibilities	System analysis, programming
• Dates (from – to)	1986 - 1987
• Name and address of employer	SDC S.A., Athens, Greece
• Type of business or sector	Software development
• Occupation or position held	Programmer
• Main activities and responsibilities	Programming

EDUCATION AND TRAINING

• Dates (from – to)	1996 – 2000
• Name and type of organization providing education and training	Aristotle University of Thessaloniki, Faculty of Engineering, Thessaloniki, Greece
• Principal subjects/occupational skills covered	Thesis title: "Information and Database System Security in Mobile Computing",
• Title of qualification awarded	PhD
• Dates (from – to)	1980 – 1985
• Name and type of organization providing education and training	University of Patras, Faculty of Engineering, Patras, Greece
• Principal subjects/occupational skills covered	Computer Engineering and Informatics
• Title of qualification awarded	Diploma in Engineering

**PERSONAL SKILLS
AND COMPETENCES**

MOTHER TONGUE   **GREEK**

OTHER LANGUAGES   **ENGLISH**

ADDITIONAL INFORMATION

PUBLICATIONS – CONFERENCE PROCEEDINGS

1   Mavridis I. and Pangalos G., "Security Issues in a Mobile Computing Paradigm", Communication and Multimedia Security '97 (CMS'97), Vol.3, pp.60-76, Chapman & Hall, ISBN 0-412-81770-5.

2   Khair M., Mavridis I. and Pangalos G., "Design of Secure Distributed Medical database Systems", Gerald Quirchmayr, Erich Schweighofer, Trevor J. M. Bench-Capon (Eds.): Database and Expert Systems Applications, 9th International Conference, DEXA '98, Vienna, Austria, August 24-28, 1998, Proceedings. Lecture Notes in Computer Science 1460 Springer 1998, pp. 492-500, ISBN 3-540-64950-6.

3   Mavridis I., Pangalos G. and Khair M., "An Implementation of RBAC Features for Medical Databases Access Control", HC99 Conference, poster, Harrogate, United Kingdom, March 1999.

4   Khair M., Mavridis I. and Pangalos G., "Design of Secure Distributed Database Systems with Application to the Healthcare Environment", in Proceedings of 2nd International Al Shaam Conference on Information Technology, Damascus, Syria, April 1999.

5   Mavridis I., Pangalos G. and Khair M., "A Role-Based Security Policy for Access Control in Electronic Health care Record", in Proceedings of EUROREC99 Conference, poster, Seville, Spain, May 1999.

6   Mavridis I., Pangalos G., Khair M. and Bozios L., "Defining Access Control Mechanisms for Privacy Protection in Distributed Medical Databases", in Proceedings of IFIP Working Conference on User Identification and Privacy Protection, Stockholm, Sweden, June 1999.

7   Mavridis I., Pangalos G. and Khair M., "eMEDAC: Role-based Access Control Supporting Discretionary and Mandatory Features", Vijayalakshmi Atluri, John Hale (Eds.): Research Advances in Database and Information Systems Security, IFIP WG 11.3 Thirteenth International Conference on Database Security, July 1999, Seattle, Washington, USA. IFIP Conference Proceedings 171 Kluwer Academic Publishers 2000, pp. 63-78, ISBN 0-7923-7848-2.

8   Mavridis I., Pangalos G. and Muftic S., "A Secure Payment System for Electronic Commerce", 10th International Workshop on Database & Expert Systems Applications (DEXA'99), Florence, Italy, September, 1999, Proceedings. IEEE Computer Society, 1999, ISBN 0-7695-0281-4.

9   Mavridis I., Pangalos G., Frangakis C., "Implementing a Secure Brokerage System For Electronic Commerce", in Proceedings of International Conference 'New Horizons in Industry and Education' (NHIE'99), Santorini, Greece, September 1999.

10   Georgiadis C., Mavridis I. and Pangalos G., "Active Security Issues in Healthcare Information Systems", in Proceedings of the International Workshop on Emerging Issues in Computer and Systems Sciences, Stockholm, Sweden, September 2000.

11   Georgiadis C., Mavridis I. and Pangalos G., "Context and Role Based Hybrid Access Control for Collaborative Environments", in Proceedings of the Fifth Nordic Workshop on Secure IT Systems – Encouraging Co-operation (NORDSEC 2000), Reykjavik, Iceland, October 2000.

12   Mavridis I., Georgiadis C. and Pangalos G., "Access-rule Certificates for Secure Distributed Healthcare Applications over the Internet", in Proceedings of the 6th International Symposium on Health Information Management Research (iSHIMR), Halkidiki, Greece, May 2001, ISBN 1-902411-22-6.

13   Georgiadis C., Mavridis I., Pangalos G. and R.Thomas, "Flexible Team-based Access Control Using Contexts", in Proceedings of the 6th ACM Symposium on Access Control Models and Technologies (SACMAT 2001) ACM SIGSAC, Chantilly, VA, U.S.A, May 2001.

14   Mavridis I. and Pangalos G., "Determining User Authorizations in Distributed Database Systems", in Proceedings of the 8th Panhellenic Conference on Informatics (PCI 2001), Nicosia, Cyprus, November 2001, ISBN 960-14-0459-7.

15   Georgiadis C., Mavridis I. and Pangalos G., "Implementing Context and Team Based Access Control in Healthcare Intranets", extended abstract, International Journal of Health Care Engineering, Special Issue: Abstracts of MEDNET2001, The 6th World Congress on the Internet in Medicine, Italy, November 2001, Volume 9, No. 6, IOS Press, ISSN 0928-7329.

16   Georgiadis K. Christos, Mavridis K. Ioannis and Pangalos I. George, "Healthcare Teams over the Internet: Towards a Certificate-based Approach", in Proceedings of the International Congress "Medical Informatics Europe, Message in a Bottle – Health Data in the Information Society" (MIE2002), Budapest, Hungary, August 2002, IOS Press.

17   Georgiadis C., Mavridis I. and Pangalos G., "A View-Based Active Access Control System For Healthcare Environments", in Proceedings of the 7th International Symposium on Health Information Management Research (iSHIMR 2002), Sheffield, UK, June 2002, ISBN 1-902411-22-6, pp. 106-117.

18   C. Chousiadis, I. Mavridis, G. Pangalos. "An authentication architecture for healthcare information systems", in Proceedings of the 7th International Symposium on Health Information Management Research (iSHIMR 2002), Sheffield, UK, June 2002, ISBN 1-902411-22-6, pp. 118-125.

19   Mattas Andreas, Mavridis K. Ioannis and Pangalos I. George, "Access Control Administration in Healthcare Applications", in Proceedings of the International Congress "Medical Informatics Europe, Message in a Bottle-Health Data in the Information Society" (MIE2002), Budapest, Hungary, August 2002, IOS Press.

20   I. Mavridis, V. Katos and I. Kotini. "Security Modules for Access Control in Mobile Applications". In Proceedings of 1st International Workshop - Wireless Security Technologies (IWWST 2003), London, United Kingdom, April 2003.

21   I.Mavridis and G.Pangalos. "A Methodological Approach for Database Access Control Engineering". In Proceedings of 7th International Multiconference on Circuits, Systems, Communications and Computers (CSCC 2003), Corfu, Greece, July 2003.

22   I. Kotini, G. Hassapis and I.Mavridis. "Verifying Specifications in Hybrid Automata Models of Systems". In Proceedings of 7th International Multiconference on Circuits, Systems, Communications and Computers (CSCC 2003), Corfu, Greece, July 2003.

23   I. Kotini, G. Hassapis and I.Mavridis. "Verification of Hybrid System Specifications using Linear Hybrid Automata". In Proceedings of 7th International Multiconference on Circuits, Systems, Communications and Computers (CSCC 2003), Corfu, Greece, July 2003.

24   Andreas K. Mattas, Ioannis Mavridis, George Pangalos, "Towards Dynamically Administered Role-Based Access Control", 14th International Workshop on Database & Expert Systems Applications (DEXA'03), Prague, Czech republic, September 2003, Proceedings. IEEE Computer Society, 2003, ISBN 0-7695-1993-8, ISSN 1529-4188, pp. 494-498.

25   I.Mavridis, G.Pangalos, S.Kortesis and I.Kotini. "An Application of Integrating Role and Lattice Based Access Control in Database Engineering", in Proceedings of 1st Balkan Conference in Informatics (BCI'2003), Thessaloniki, Greece, November 2003, ISBN 960-287-045-1.

26   S. Kerkiri, A. Manitsaris, I. Mavridis, "Defining adaptive e-Learning courses in Semantic Web", in Proceedings of 8th International Multiconference on Circuits, Systems, Communications and Computers (CSCC 2004), Athens, Greece, July 2004.

27   A. Manitsaris, K. Dimitropoulos and I. Mavridis, "Realistic Modelling of Deformable Surfaces for Web-based Medical Simulations", in Proceedings

of Central European Multimedia and Virtual Reality Conference 2005 (CEMVR'05), poster, Prague, Czech Republic, June 2005.

28   C. Georgiadis, I.Mavridis and A. Manitsaris, "Context-based Humanized and Authorized Personalization in Mobile Commerce Applications", in Proceedings of 2nd International Workshop on Software Aspects of Context (IWSAC 2005), in conjunction with the IEEE International Conference on Pervasive Services (IEEE ICPS2005), Santorini, Greece, July 2005.

29   K. Dimitropoulos, A. Manitsaris, and I. Mavridis, "A Hepatic Cells Simulation for Medical Education in World Wide Web", 4th International Conference on System Science and Simulation in Engineering (ICOSSSE'05), Tenerife, December 2005, pp.134-138.

30   V.Katos and I.Mavridis, "A Practical Location Aware Access Control Solution for HTML Content in Wireless Networks", in Proceedings of 1st Workshop on multiMedia Applications over Wireless Networks (MediaWiN 2006) in conjunction with The 12th European Wireless Conference (EW 2006) Enabling Technologies for Wireless Multimedia Communications National Technical University of Athens (NTUA), Athens, Greece, April 2, 2006, pp. 44 – 50, invited paper.

31   A. Mattas, I. Mavridis, I.Pagkalos, "A Paradigm for Dynamic and Decentralized Administration of Access Control in Workflow Applications", in Proceedings of the IFIP TC-11 21st International Information Security Conference "Security and Privacy in Dynamic Environments" (SEC 2006), 22-24 May 2006, Karlstad, Sweden, IFIP 201 Springer 2006, ISBN 0-387-33405-X.

32   K. Dimitropoulos, A. Manitsaris, and I. Mavridis, "Hepatic Cells Deformation: Simulating a Pathological Condition Resulting in Jaundice", in Proceedings of International Conference From Scientific Computing To Computational Engineering (IC-SCCE), July 2006, poster, Athens, Greece.

33   D. S. Amanatiadis, V. Vitsas, A. Manitsaris, I. Mavridis, P. Chatzimisios and A.C. Boucouvalas, "Voice capacity of IEEE 802.11b WLANs", in Proceedings of Fifth International Symposium on Communication Systems, Networks and Digital Signal Processing (CSNDSP'06), pp. 159-163, July 2006, Patras, Greece.

34   A.Politis, A.Manitsaris, I. Mavridis, "Implementation and Evaluation of TCP Enhancements over Satellite Links", in Proceedings of International Conference of Wireless and Mobile Communications (ICWMC'06), July 2006, Bucharest, Romania, IEEE Computer Society Press.

35   S. Kerkiri, A. Manitsaris, I. Mavridis, "E-Reputation Ontology for Adaptation in E-Learning", In Proceedings of International Workshop on Applications of Semantic Web Technologies for E-Learning (SW-EL), In conjuction with International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems 2006 (AH'06), poster, Dublin, Ireland, June 2006.

36   A. Mattas, I. Mavridis, C.Ilioudis, I.Pagkalos, "Dynamic Access Control Administration for Collaborative Applications", In Proceedings of 10th International Conference on Computers, pp. 356-361, Athens, Greece, July 2006.

37   S. Kerkiri, A. Manitsaris, I. Mavridis, "A Learner-Centered Semantic Web-Based Architecture", In Proceedings of 3rd International Conference on Web Information Systems and Technologies (WEBIST 2007), poster, Barcelona, Spain, March 2007, pp. 563 – 566, ISBN: 978-972-8865-79-5.

38   A. Politis, I. Mavridis, A. Manitsaris, "Performance Measurements of a Wireless Classroom in a Simulated Environment", in the Proceedings of the International Workshop on Network and Grid Technology, 3rd Balkan Conference in Informatics (BCI 2007), 27-29 September 2007, Sofia, Bulgaria, ISBN: 978-954-9526-41-7.

39   M. Margaritopoulos, A. Manitsaris and I. Mavridis. "On the Identification of Inference Rules for Automatic Metadata Generation", In the Proceedings of the 2nd International Conference on Metadata and Semantics Research (MTSR'07), October 2007, Corfu, Greece.

40   Margaritopoulos Thomas, Margaritopoulos Merkourios, Mavridis Ioannis and Manitsaris Athanasios. "A Conceptual Framework for Metadata Quality Assessment", In the Proceedings of the DC-2008 International Conference on Dublin Core and Metadata Applications "Metadata for Semantic and Social Applications", 22-26 September 2008, Berlin, Germany.

41 Antonios Gouglidis, Ioannis Mavridis. "A Foundation for Defining Security Requirements in Grid Computing", In the Proceedings of the 13th Panhellenic Conference on Informatics (PCI 2009), Corfu, Greece, 10-12 September 2009, pp. 180-184, ISBN 978-0-7695-3788-7, IEEE Computer Society.

42 Antonios Gouglidis, Ioannis Mavridis. "On the Definition of Access Control Requirements for Grid and Cloud Computing Systems", In the Proceedings of the 3rd International ICST Conference on Networks for Grid Applications (GridNets 2009), Athens, Greece, 8-9 September 2009, ISBN: 978-963-9799-63-9.

43 Chatzipoulidis, A., Mavridis, I., "Evolving challenges in information security compliance", In the Proceedings of the 4th Mediterranean Conference on Information Systems (MCIS 2009), pp. 846-853, Athens, Greece, September 2009.

44 T. Margaritopoulos, M. Margaritopoulos, I. Mavridis, A.Manitsaris "A fine-grained metric system for the completeness of metadata", In the Proceedings of the Third International Conference on Metadata and Semantics Research (MTSR'09), Milan, Italy, October 2009.

45 P. Fotaris, T. Mastoras, I. Mavridis and A. Manitsaris. "Extending LMS to support IRT-based Assessment Test Calibration", In the Proceedings of the 1st International Conference on Technology Enhanced Learning (TECH-EDUCATION 2010), Athens, Greece, May 2010.

46 Dimitrios Michalopoulos, Ioannis Mavridis and Vasileios Vitsas. "Towards a Risk Management Based Approach for Protecting Internet Conversations", In the Proceedings of the 9th European Conference on Information Warfare and Security (ECIW'10), pp. 201 – 208, Thessaloniki, Greece, July 2010.

47 Aristeidis Chatzipoulidis, Ioannis Mavridis and Theodoros Kargidis. "Developing Strategic Perspectives for Enterprise Risk Management towards Information Assurance", In the Proceedings of the 9th European Conference on Information Warfare and Security (ECIW'10), pp. 35 – 42, Thessaloniki, Greece, July 2010.

48 Dimitrios Michalopoulos, Ioannis Mavridis. "Towards Risk Based Prevention of Grooming Attacks", In the Proceedings of the International Conference on Security and Cryptography (SECRYPT 2010), poster, Athens, Greece, July 2010.

49 Aristeidis Chatzipoulidis, Ioannis Mavridis. "An ICT Security Management Framework", In the Proceedings of the International Conference on Security and Cryptography (SECRYPT 2010), poster, Athens, Greece, July 2010.

50 Christos Grobanopoulos, Ioannis Mavridis. "Towards Differentiated Utilization of Attribute Mutability for Access Control in Ubiquitous Computing", In the Proceedings of the 14th Panhellenic Conference on Informatics (PCI 2010), Tripoli, Greece, September 2010.

51 Dimitrios Michalopoulos, Ioannis Mavridis. "Surveying Privacy Leaks Through Online Social Networks", In the Proceedings of the Special Session on "Performance analysis of Computer Networks (PaCoNet)" organized in conjunction with the 14th Panhellenic Conference on Informatics (PCI 2010), September 2010 Tripoli, Greece.

52 Aristeidis Chatzipoulidis, Ioannis Mavridis. "A study on user behaviour and acceptance of electronic banking services", In the Proceedings of the Special Session on "Performance analysis of Computer Networks (PaCoNet)" organized in conjunction with the 14th Panhellenic Conference on Informatics (PCI 2010), September 2010 Tripoli, Greece.

53 Panagiotis Fotaris, Theodoros Mastoras, Ioannis Mavridis, and Athanasios Manitsaris. "Performance evaluation of the Small Sample Dichotomous IRT Analysis in Assessment Calibration", In the Proceedings of the Fifth International Multi-Conference on Computing in the Global Information Technology (ICCGI 2010), sponsored by IEEE Sección España, pp. 214-219, September 2010, Valencia, Spain, "BEST PAPER AWARD".

54 Anastasios Politis, Ioannis Mavridis, and Athanasios Manitsaris. "Enhancing Multimedia Traffic Performance in IEEE 802.11e Networks", In the Proceedings of the Sixth International Conference on Wireless and Mobile Communications (ICWMC 2010), sponsored by IEEE Sección España, September 2010, Valencia, Spain, "BEST PAPER AWARD".

55 Antonios Gouglidis, Ioannis Mavridis, "Role-based Secure Inter-operation and Resource Usage Management in Mobile Grid Systems", International Workshop in Information Security Theory and Practice, WISTP'11, June 1-3, 2011, Crete, Greece.

56 Dimitrios Michalopoulos, Ioannis Mavridis. "Utilizing Document Classification for Grooming Attack Recognition", In the Proceedings of the 16th IEEE International Symposium on Computer and Communications (IEEE ISCC 2011), June 28 - July 1, 2011, pp. 864 – 869, Corfu, Greece.

57 Anastasios Politis, Ioannis Mavridis, Athanasios Manitsaris and Constantinos Hilas "X-EDCA: A Cross-Layer MAC-Centric Mechanism for Efficient Multimedia Transmission in Congested IEEE 802.11e Infrastructure Networks", In the Proceedings of the 7th IEEE International Wireless Communications and Mobile Computing conference (IEEE IWCMC 2011), July 5-8, 2011, Istanbul, Turkey.

58 Apostolos K. Provatidis, Christos K. Georgiadis and Ioannis K. Mavridis. "Towards Colored Petri Net Modeling of Expanded C-TMAC", In the Proceedings of the 7th International Conference in Global Security Safety and Sustainability (ICGS3 2011), August 2011, Thessaloniki, Greece.

59 Christos Grompanopoulos and Ioannis Mavridis. "Towards Use-Based Usage Control", In the Proceedings of the 27th IFIP International Information Security and Privacy Conference (IFIP SEC 2012), 4-6 June, Heraklion, Crete, Greece.

60 Dimitrios Michalopoulos and Ioannis Mavridis. "Utilizing Survival Analysis for Modeling Child Hazards of Social Networking", In the Proceedings of the 6th International Symposium on Human Aspects of Information Security & Assurance (HAISA 2012), 6-8 June, 2012, Crete, Greece.

61 Christos Grompanopoulos and Ioannis Mavridis. "Challenging Issues of UCON in Modern Computing Environments", In the Proceedings of the 5th Balkan Conference in Informatics (BCI 2012), 16-20 September, 2012, Novi Sad, Serbia.

62 Dimitrios Michalopoulos, Eustathios Papadopoulos and Ioannis Mavridis. "Artemis: Protection from Sexual Exploitation Attacks via SMS", In the Proceedings of the 16th Panhellenic Conference on Informatics with international participation (PCI 2012), October 5 – 7, 2012, Piraeus, Greece.

63 Christos Grompanopoulos and Ioannis Mavridis. "A Use-based Approach for Enhancing UCON", In the Proceedings of the 8th International Workshop on Security and Trust Management (STM 2012) in conjunction with ESORICS 2012, Pisa, Italy - September 13-14, 2012.

PUBLICATIONS REFEREED-JOURNALS

1 Mavridis I., Georgiadis C., Pangalos G. and Khair M., "Using Digital Certificates for Access Control in Clinical Intranet Applications", extended abstract, International Journal of Health Care Engineering, Technology and Health Care (THC), Volume 8, No. 3, 4 (2000), ISSN 0928-7329.

2 Mavridis I., Georgiadis C., Pangalos G. and Khair M., "Access Control based on Attribute Certificates for Medical Intranet Applications", in Journal of Medical Internet Research (JMIR), 2001;3(1):e9, ISSN 1438-8871.

3 Pangalos G., Mavridis I., Ilioudis C. and Georgiadis C., "Developing a Public Key Infrastructure for a Secure Regional e-Health Environment ", Journal 'Methods of Information in Medicine' (JMIM), 2002, Special Issue on Regional Health Information Networks and Telematics Applications in a User Friendly Information Society, ISSN 0026-1270, Volume 41/5, Schattauer Publishing Co.

4 Georgiadis C., Mavridis I., Nikolakopoulou G. and Pangalos G., "Implementing Context and Team Based Access Control in Healthcare Intranets", Journal 'Medical Informatics and the Internet in Medicine' (JMIIM), ISSN 1463-9238, Volume 27, No. 3, pp. 185 – 201, September 2002, Taylor & Francis Ltd.

5 Mavridis I., Georgiadis C. and Pangalos G., "Access-rule Certificates for Secure Distributed Healthcare Applications over the Internet", Health Informatics Journal (HIJ), ISSN 1460-4582, Volume 08, Issue 03, September 2002.

6   Georgiadis C., Mavridis I. and Pangalos G., "Programming a View-Based Active Access Control System For Healthcare Environments", Health Informatics Journal (HIJ), ISSN 1460-4582, Volume 08, Issue 04, December 2002.

7   C. Chousiadis, I. Mavridis, G. Pangalos. "An authentication architecture for healthcare information systems", Health Informatics Journal (HIJ), ISSN 1460-4582, Volume 08, Issue 04, December 2002

8   Georgiadis K. Christos, Mavridis K. Ioannis, Pangalos I. George, "Healthcare Teams over the Internet: Programming a Certificate-based Approach", International Journal of Medical Informatics (IJMI), 2003, Vol. 70, Iss. 2-3, Elsevier Science, ISSN 1386-5056.

9   S. Kerkiri, A. Manitsaris, I. Mavridis, "Defining adaptive e-Learning courses in Semantic Web", Transactions on Information Science and Applications (TISA), Issue 1, Volume 1, pp. 298 – 302, July 2004, ISSN 1790-0832.

10   C. Georgiadis, I.Mavridis and A. Manitsaris, "Context-based Humanized and Authorized Personalization in Mobile Commerce Applications", Selected paper for the special issue of the International Journal of Computing and Information Sciences - (IJCIS), Special Issue: Second International Workshop on Software Aspects of Context IWSAC'05 - July 14, 2005, Santorini , Greece in conjuction with ICPS'05, Vol.3, No 2, pp. 1-9, August 2005, ISSN 1708-0479 (on-line – Canada), ISSN 1708-0460 (print – Canada).

11   K. Dimitropoulos, A. Manitsaris, and I. Mavridis, "A Virtual Reality and Web-Based Application for the Simulation of the Cellular Structure of Human Liver with 3D Surface Deformation", Transactions on Information Science and Applications (TISA), Issue.2, Vol. 3, pp. 267 – 274, February 2006, pp.267-274, ISSN 1790-0832.

12   Manitsaris A., Dimitropoulos K., and Mavridis I., "A Hypermedia Virtual Environment for Education in Medicine", Journal of Information Technology Impact (JITI), Vol 6, Issue 2, pp. 61-72, 2006.

13   C. Georgiadis, P. Fouliras, I. Mavridis and A. Manitsaris, "Web Services and Multimedia in M-Business Applications: Opportunities and Concerns", International Journal of Web Information Systems (IJWIS), Vol. 2, No. 1, pp. 51 – 62, March 2006, ISSN: 1744-0084, Troubador Publisher.

14   A. Mattas, I. Mavridis, C.Ilioudis, I.Pagkalos, "DARBAC: Dynamically Administering Role Based Access Control", Transactions on Information Science & Applications' (TISA), Issue 10, Volume 3, pp. 1777 – 1784, October 2006, ISSN 1709-0832.

15   D. S. Amanatiadis, V. Vitsas, A. Manitsaris, I. Mavridis, P. Chatzimisios and A.C. Boucouvalas, "Voice capacity analysis of IEEE 802.11 Wireless LANs supporting VoIP", Mediterranean Journal of Computers and Networks (MJCN), Vol. 3, No. 4, pp.132-141, October 2007).

16   Dimitropoulos K., Manitsaris, I. Mavridis "Building Virtual Reality Environments for Distance Education on the Web: A Case Study in Medical Education", International Journal of Social Sciences (IJSS), Special Issue: Virtual Reality in Distance Education, Vol.2, No.1, 2008, pp. 62-70, ISSN 1306-973X.

17   I. Mavridis, A. Mattas, I.Pagkalos, I.Kotini, C. Ilioudis "Supporting Dynamic Administration of RBAC in Web-based Collaborative Applications during Run-time", International Journal of Information and Computer Security (IJICS), ISSN (Online): 1744-1773 - ISSN (Print): 1744-1765, Vol. 2, No. 4, pp. 328 – 352, 2008.

18   Kerkiri Tania, Manitsaris Athanasios, Mavridis Ioannis "How E-Learning Systems may Benefit from Ontologies and Recommendation Methods to Efficiently Personalize Knowledge", International Journal of Knowledge and Learning (IJKL), ISSN (Online) 1741-1017 - ISSN (Print): 1741-1009, Vol. 5, No. 3/4, 2009, pp. 347 - 370.

19   Kerkiri T., Konetas D., Paleologou A., Mavridis I. "Semantic Web Technologies Anchored in Learning Styles as Catalysts Towards Personalizing the Learning Process", International Journal of Learning and Intellectual Capital (IJLIC), Vol. 8, No. 2, 2011, pp. 179 – 205, ISSN: 1479-4853.

20   P. Fotaris, T. Mastoras, I. Mavridis and A. Manitsaris. "Identifying potentially flawed items in the context of small sample IRT Analysis", International Journal on Advances in Intelligent Systems (IJAIS), Vol 4, No 1&2, pp. 31 – 42, 2011, ISSN: 1942-2679.

21   A. Politis, I. Mavridis and A. Manitsaris. "Exploiting Multimedia Frame Semantics and MAC-layer Enhancements for QoS Provisioning in IEEE 802.11e Congested Networks", International Journal on Advances in Networks and Services (IJANS), Vol. 4, No. 1&2, pp. 176-185, 2011, ISSN: 1942-2644.

22   I.Mavridis. "Deploying Privacy Improved RBAC in Web Information Systems", International Journal of Information Technologies and the Systems Approach (IJITSA), Special Issue on Privacy and Security Issues in IT, 4(2), pp.70-87, July-December 2011, ISSN: 1935-570X.

23   G. Zardas, O. Moschidis, I. Mavridis, A. Manitsaris. "A Methodology for Evaluating Web-based Educational Systems using Statistical Multidimensional Analysis", International Journal of Learning Technology (IJLT), International Journal of Learning Technology, 2011, Vol. 6, No.4 pp. 409 – 432, ISSN: 1477-8386.

24   T. Margaritopoulos, M. Margaritopoulos, I. Mavridis, A.Manitsaris "Quantifying and measuring metadata completeness", Journal of the American Society for Information Science and Technology (JASIST), Volume 63, Issue 4, pp. 724–737, April 2012, ISSN: 1532-2882.

25   Antonios Gouglidis, Ioannis Mavridis, "domRBAC: An Access Control Model for Modern Collaborative Systems", Journal: Computers & Security (COSE), Volume 31, Issue 4, June 2012, pp. 540-556, ISSN 0167-4048.

26   Dimitrios Michalopoulos and Ioannis Mavridis. "A method to calculate social networking hazard probability in definite time", Journal: Information Management and Computer Security (IMCS), accepted for publication.

BOOKS

1   G. Pangalos and I.Mavridis, "Information systems and networks security", Publ. ΑΝΙΚΟΥΛΑ, ISBN 960-516-018-8, 2002 (in greek).

RESEARCH INTERESTS

- Computer and network security
- Information assurance and security
- Cyber security and situational awareness
- Access control in collaborative, mobile, pervasive and grid systems
- Semantic web and security ontologies
- Security economics

TOTAL NUMBER OF CITATIONS: MORE THAN **400**

REVIEWER

- Computers & Security (Elsevier),
- International Journal of Computer Mathematics (Taylor and Francis)
- Simulation Modeling and Practice (Elsevier)
- Americas Conference on Information Systems
- Journal of the American Society for Information Science and Technology (Wiley)
- Journal of Requirements Engineering (Springer)
- The Computer Journal (Oxford University Press)
- International Journal of Electronic Security and Digital Forensics (Inderscience)
- IEEE International Workshop on Mobile Computing and Networking Technologies
- International Conference on Network and System Security (NSS)
- IEEE International Symposium on Wireless Pervasive Computing,
- Data & Knowledge Engineering Journal (Elsevier)
- Annual Computer Security Applications Conference (ACSAC),

- European Journal of Operational Research (Elsevier)
- Annual IFIP WG 11.3 Working Conference on Data and Applications Security, etc

PROGRAM COMMITTEE MEMBER
- IEEE International Symposium on Computer and Communications
- Panhellenic Conference on Informatics
- International Conference on Cloud Security Management
- International Conference on Cloud Computing and Services Science
- European Conference on Information Warfare and Security
- IFIP International Information Security and Privacy Conference (SEC)
- International Conference on Global Security, Safety & Sustainability
- IEEE Workshop on multiMedia Application over Wireless Networks
- European Symposium on Research in Computer Security (ESORICS), etc

PROFESSIONAL MEMBERSHIPS
- Technical Chamber of Greece
- Working Group 11.3 on Database Security of International Federation for Information Processing (IFIP)
- Greek Computer Society (IFIP partner)

RESEARCH PROJECTS

Period	Project Title	Institution	Position	Financed by
2001-2002	Project MOBI-DEV (IST-2000-26402) Mobile devices for healthcare applications)	Aristotle University of Thessaloniki	IT security research	EU, 5th Framework Programme
2002	Project CHS (IST-1999-13352): Distance Information Technologies For Home Care (CHS)	Aristotle University of Thessaloniki	IT security research	EU, 5th Framework Programme
2001-2004	Project QLRT-2000-01608: Rural Employment and Agricultural Perspective in the Balkan Applicant Countries (ReapBalk)	Aristotle University of Thessaloniki	IT support and development	EU, 5th Framework Programme
2006-2007	Project FoodIMA: EU Food Industry Dynamics and Methodological Advances	Aristotle University of Thessaloniki	IT support and development	EU, 6th Framework Programme
2007-2009	Project Carera: The Impacts of CAP Reform on the Employment Levels in Rural Areas	Aristotle University of Thessaloniki	IT support and development	EU, 6th Framework Programme
2012-2013	Basic Research Project, titled: "Development of a new improved role-based model for controlling access to Web services in	University of Macedonia	Scientific Coordinator	Research Committee of the University of Macedonia

	Grid/Cloud Computing environments, and its laboratory implementation for experimental tests"			
2013-	Module C: INFRASTRUCTURE SERVICES, MANAGEMENT, INFORMATION AND OPERATION OF ELECTRONIC IDENTITY AT THE UNIVERSITY OF MACEDONIA "Priority" 04 – Digital convergence and entrepreneurship, "Macedonia – Thrace"	University of Macedonia	Scientific Coordinator	Co-financed by the European Regional Development Fund and National Resources.
2013-	Module B2: ACADEMIC CONTENT TO OPEN ACCESS AT THE UNIVERSITY OF MACEDONIA: SERVICES ORGANIZATION, PROMOTION, AND ADOPTION OF INTERCONNECTION "Priority" 04 – Digital convergence and entrepreneurship, "Macedonia – Thrace"	University of Macedonia	Scientific Coordinator	Co-financed by the European Regional Development Fund and National Resources.