Curriculum Vitae

Last Name: Skourlas

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Christos Skourlas is an emeritus professor of Databases at the Informatics and Computer Engineering Department of the University of West Attica, Athens Greece (1989-). He holds B.Sc. in Mathematics and Ph.D. in Informatics from the University of Athens in Greece. He worked as analyst-programmer and Head of the Systems (1983-9) at the National Documentation Centre of Greece. He also worked as researcher at the Nuclear Research Centre "Demokritos" (1977-82). Prof. C. Skourlas participated as a coordinator and/or key researcher in many research and development projects. He is the author of research papers published in refereed international scientific journals and conference proceedings, and he is also program and organizing committee member of international and national conferences and reviewer for international journals. Prof. C. Skourlas taught a variety of subjects both at the undergraduate and the postgraduate level. His research interests include Information Retrieval, Knowledge and Database Management, Database and Big data, Assistive and Learning technologies, Medical Informatics, Pervasive and Mobile computing, and Security.

Academic Post

Emeritus professor, University of West Attica (2021-)

Professor, Department of Informatics and Computer Engineering, University of West Attica (2018-2021)

Professor, Department of Informatics, Technological Educational Institute of Athens (1989-2018).

Head of the research lab “Data, Information and Knowledge Management (InfoDat_KM)” (http://idkm.feng.uniwa.gr/) (2015-2021)

Steering Committee Member. Master of Science (M.Sc.) in Computing and Network Technologies (2014-2021)

Member of the Internal Evaluation Group (IEG) appointed by the Department of Informatics for coordinating the internal evaluations and preparing the Internal Evaluation Reports (2003-2021)

Other academic activities and contributions

Member of the Management board (F. Tsimpoglou, G. Bokos, C. Skourlas) for the transition of National Library of Greece (NLG) to the Stavros Niarchos Foundation Cultural Center. National Library of Greece (2016-2018).

Member of the Research Group, (study) "Modernisation of Higher Education in Greece (MOHE)". Ministry of Education, Research & Religious Affairs in cooperation with the State Scholarship Foundation (IKY) (2016).

Creator of PYLES page for supporting Digital Services and Digital Educational Content for students with special needs and hard-of-hearing students (2015-) at the TEI of Athens and the University of West Attica. He has a continuous activity for the inclusion of the disabled students in the TEI of Athens and the University of West Attica (2003-2023).

Educational Qualifications

1977: BSc in Mathematics, Department of Mathematics, National & Kapodistrian University of Athens.

1982: Ph. D., National & Kapodistrian University of Athens.

Professional Qualifications

1989-2021: Professor, Department of Informatics and Computer Engineering, University of West Attica.

1984-1989: Greek National Documentation Centre (NDC), Hellenic Research Foundation. Head of the Systems Department of the NDC (1986-1989)

1977-1981: Researcher, Computer Centre of NCSR "Demokritos", Greece.

Teaching

Prof. C. Skourlas has taught a variety of subjects both at the undergraduate and the postgraduate level.

Undergraduate

1989- 2022: He teaches the compulsory courses “Database I” and “Database II”. He has also taught the elective course “Information Retrieval and Special Topics on Data Bases” for six semesters, the compulsory course “Information Systems” for two semesters, and the elective course “Software Quality” for two semesters.

1986-1989: He taught the compulsory courses: “Software Engineering I”, “Software Engineering II”. Department of Applied Informatics. Athens University of Economics and Business.

Post-graduate

2020-2021: He taught the course “Big Data Management and Visualization”. (joint Master) “Intelligence Artificielle et Informatique Visuelle”. University of West Attica and Université de Limoges, France.

2018-2021: He taught the course “Database”. Master of Science “IT and applications”. Department of Informatics and Computer Engineering. University of West Attica.

2018-2021: He taught the courses “Knowledge Management” and “Data Mining and Big Data Management”. Master of Science “Advanced Computer Systems Technologies”. Department of Informatics and Computer Engineering. University of West Attica.

2014-2018: He taught the courses “Data Bases and Web-based Applications” and “Data Mining and Big Data Management”. Master of Science “Computing and Network Technologies”. Department of Informatics. Technological Educational Institute of Athens.

2003-2008: He taught the elective course “Knowledge Management”. Master “Organization and Administration of Libraries and New Technologies of Information Science”. TEI of Athens and Department of Archives and Library Science, Ionian University

2007-2008: He taught the elective course “Database and Information Systems I”. “Informatique, Synthese d’Images et Conception Graphique” – ISICG in collaboration with the Department of Informatics, Faculty of Science and Technology, Université de Limoges, France.

2000-2004: He taught the course “Databank Systems”. Master of Advanced Studies (MAS) “Telematics Management”. TEI of Piraeus and Department of Telecommunications, Information and Media, Donau-Universität Krems.

Other

He taught the course Information Systems at the National School of Public Administration and Local Government (ESDDA). He taught advanced courses at the Institute of Training (INEP) of the National Centre for Public Administration and Local Government (EKDDA).

Fellowships

1984: He held an UNESCO fellowship and studied expert systems and Library Information Systems at the University of Linkoping (Sweden).

1985: He held an ACTIM fellowship and studied multimedia databases and networks at the Ecole Superieure d' Electrecite de Rennes (France).

Ph. D. Dissertation

C. Skourlas, Double error correcting codes for binary coded arithmetic systems, National & Kapodistrian University of Athens, 1982.

DOI 10.12681/eadd/6520 Handle URL http://hdl.handle.net/10442/hedi/6520

Research and Development Projects

C. Skourlas has participated in several R&D projects (funded by either the commission of EU or national funding bodies) e.g. SECRET_DIDWE, PA_CO_CLIR (Archimedes I&III), DALI, UNIVERSE (Telematics for Libraries), LINES (Telematics Applications Programme, Education and Training Sector), etc.

1. NSRF / Call 97. MIS 5047430, "Support of Social Welfare Interventions for the Students of the University of West Attica (2019-2023)". Member of the steering committee. This project aims to support the students of University of West Attica who, for various reasons (students with special needs, students from sensitive social groups, students from low income families) cannot participate on an equal basis in the academic activities necessary in order to complete their studies and to graduate.

2. ESPA – Digital Convergence programme, "New Digital Services at the TEI of Athens: Services and Digital Educational Content for students with special needs and hard-of-hearing students." (Coordinator C. Skourlas) (MIS 304187) https://pyles.uniwa.gr

3. ESF-NCRF – ARCHIMEDES III, "SECRET_DIDWE: Secure retrieval and dissemination of Information (text and image) in Distributed and Wireless specific purpose environments", 2012-2015, coordinator: C. Skourlas.

4. Lifelong Learning Programmes, Leonardo da Vinci Multilateral Project Transfer of Innovation, "DBTech VET" Project. The DBTech VET Project links VET and HE education together with working life in order to meet better the needs of labour market. Coordinator at the TEI of Athens: C. Skourlas.

5. ESF-NCRF - THALES, "From Graph Theory to Matroids: Algorithmic Issues and Applications", participation

6. "Institutional Repository of the TEI of Athens Library". The Project is funded exclusively by the European Union within the framework of "Digital Plan.". Member of the research group.

7. Lifelong Learning Programmes, Transversal Programme, "DBTech EXT" project, 2009-2010. Outer Circle partner. Coordinator at the TEI of Athens: C. Skourlas

8. GSRT-Information Society. "POLYTIMO: A System for the Processing, Management and Access to the Content of Valuable Books and Manuscripts". Member. 2006-8

9. GSRT-ARCHIMEDES I. "PArallel, Content Based Cross Language Information Retrieval - PA_CO_CLIR" (2004-2006), coordinator: C. Skourlas

10. Telematics Applications Programme, Education and Training Sector. "Learning and Information support Networks in Europe for SOCRATES (LINES)". Χρηματοδότηση του έργου: EC, DGXIII-C, Telematics Applications Programme, Education and Training Sector. Coordinator at the TEI of Athens: C. Skourlas

11. Support of Computer Science Studies in the Technological Educational Institution of Athens, European Community and Greek Government Project, 2003-2008, Member of the Scientific Committee, Coordinator of the Work-package 6: C. Skourlas

12. Selection of written sources from post-classic ancient times in Eastern Mediterranean Region, University of Athens, Pythagoras, 2005-06, Project coordinator: S. Aneziri.

13. LINES - Learning and Information support Networks in Europe for SOCRATES, Partners: Vaxjo University, University of Wales (UK), Businet Network (Belgium), Artisan AB (Sweden), o2 Technology (France), TEI of Athens, Aarhus Bussiness School (Denmark), Telematics Applications Programme, Education and Training Sector, Coordinator of the research team of the TEI of Athens: C. Skourlas

14. DALI - Document and Library Integration, Partners: Fretwell-Downing Data Systems Ltd (UK), Institute of Oceanographic Science (UK), University College Dublin (IRL), Kyros (GR), Blackwell Ltd. (UK), Thessaloniki University Library (GR), Sheffield University Library (UK), Telematics for Libraries

15. Quali_Learn: E-Learnig technologies and applications for Quality Assurance, TEI of Athens, Coordinator: I. Halaris, 1998-2001

16. ASPIS (Security-Quality-Interoperability): Development of Methodologies and techniques for e-Government Environments towards ensuring interoperability quality and security, TEI of Athens, Education and Initial Vocational Training Program – Archimedes, 2004-06, Project coordinator: I. Chalaris

17. Security and interoperability in e-Government, TEI of Athens, Education and Initial Vocational Training Program – Archimedes, 2004-06, Project coordinator: P. Hadjidiakos

18. OPEN MultiCAD – Development of Intelligent systems for supporting product design, TEI of Athens, Education and Initial Vocational Training Program – Archimedes, 2004-06, Project coordinator: G. Miaoulis

Supervision of PhD Dissertations

Konstantinos Chytas (2024), Information and knowledge management in smart university. DOI 10.12681/eadd/59009, Handle URL http://hdl.handle.net/10442/hedi/59009 (supervisor C. Skourlas, committee members N.N. Karanikolas, UNIWA, A. Marinagi, Agricultural University of Athens-AUA)

Dimitris Markopoulos, Use of data mining technologies in medical records of intensive care unit patients (supervisor C. Skourlas, committee members N.N. Karanikolas, UNIWA, A. Marinagi, AUA)

George Meletiou, Quality Assurance in Higher Education: The role of students (supervisor C. Skourlas, committee members N.N. Karanikolas, UNIWA, C. Sgouropoulou, UNIWA)

Efstratios Tsolakidis, Graph Neural Networks and Applications in Social Networks (supervisor C. Skourlas, committee members N.N. Karanikolas, UNIWA, C. Sgouropoulou, UNIWA)

Konstantinos Psaraftis (2024). Optimizing dynamic ridesharing systems: enhancements in crowdsourced data quality and vehicle assessment algorithms. DOI 10.12681/eadd/58141 Handle URL http://hdl.handle.net/10442/hedi/58141 (supervisor K. Ntalianis, UNIWA, committee members C. Skourlas, G. Miaoulis, UNIWA)

Nikoletta E. Samaridi, Design, implementation and utilization of a Greek electronic conceptual dictionary in industrial training. A software system for ontological organization of words and the semantic associations between them (supervisor N.N. Karanikolas, UNIWA, committee members C. Skourlas, UNIWA, E.C. Papakitsos, UNIWA)

Distinctions - Awards

1. Co-author of the paper "Secure and Distributed Knowledge Management in Pervasive Environments" among the 8 best papers in IEEE International Conference on Pervasive Systems (ICPS) 2005.

2. Co-author of the paper “The SF-HME System: A Hierarchical Mixtures-of–Experts classification system for spam filtering”, Symposium on applied computing–Security Track, 2006. ACM/ SIGAPP (STAP) award - among the 4 best papers.

3. Activities of the Research Laboratory are reported in the Excellence Initiative 2012 (Clusters of Excellence Profiles) of the Greek Ministry of Education.

4. The research project PA_CO_CLIR (Parallel, Content-Based Cross Language Information Retrieval) (coordinated by Christos Skourlas) was awarded a prize by the TEI of Athens in 2006, in the framework of the “Archimedes I” program

Mentoring

Students of the Department of Informatics of the TEI of Athens, mentored by Christos Skourlas, (1) won the 3rd place in the national finals of the Imagine Cup 2011 innovation contest, with the Multimedu project, and (2) won the 3rd place and the 6th place in the finals of the 1st innovation contest of the TEI of Athens, academic semester 2012-13.

Participation in thematic network

DBTech academic network (http://dbtechnet.org/). DBTechNet is an initiative of European higher education institutions and IT-companies to set up a transnational collaboration scheme of higher level educational establishments, IT enterprises and vocational training centres.

Academic cooperation

Coordinator on behalf of the TEI of Athens, "Memorandum of Understanding on academic cooperation and exchange between TEI of Athens and Linnaeus University, Computer science, Mathematics and Physics department (DFM), Sweden"

Conferences

Program Committee member/chair for many scientific conferences' committees - judgments in magazines. The last ten years he organizes the following symposiums/sessions:

*Chair of the "*Symposium on Information and Knowledge Management*" organized in conjunction with the International Conference on Integrated Information (IC-ININFO, 2011-2015)*

Chair of the "Symposium on the Semantic Web and Big Data" organized in conjunction with the International Conference on Integrated Information (IC-ININFO, 2014-2015)

Chair of the Special Session on "Secure Retrieval and Dissemination of Information (text and image) in Distributed and Wireless specific purpose Environments" in conjunction with the Panhellenic Conference on Informatics (PCI 2012, 2013, 2014, 2015).

Chair of the Special Session on "Retrieval and Dissemination of Information (RDI)", organized in conjunction with the Panhellenic Conference on Informatics (PCI 2016, 2017, 2018, 2020, 2021)

These symposiums/sessions aims at providing researchers and professionals with an insight on: (1) Wireless architectures to enable authorized users to access sensitive information in a secure and transparent manner, (2) Policy-based architectures utilizing wireless sensor devices, advanced network topologies and software agents, (3) Applications related to remote monitoring of patients, elderly people, etc. (4) Evaluation and Integration of Information Retrieval and Personalization techniques, (5) Text Retrieval, and Content Based Image Retrieval techniques, (6) Classification based on various techniques e.g. neural network techniques, fuzzy techniques, and its applications.

Studies

Dr. Skourlas has been involved in many studies (TEI of Athens, National Library, EKDDA, etc.). Particular mention should be made for the following:

1. Anagnostou G., Kofinas A., Melagrakis E, Skourlas C., "Conformation testing and Greek standards ELOT 926-927-928 (Greek character sets (contract No: 86/STS/C00/12207)" (ECC-DGXIII), 1987. The study refers to standards, such as ELOT 928, in the preparation of which he participated as an expert. This study has been based on international standards, such as ISO 8859/7, etc.
2. Skourlas C., Dimitriou I., Tsafou S., "Information System of the National Library of Greece", Athens, 1996
3. Skourlas et al.,"Information System of the Library of TEI of Athens", Athens, 1997
4. Skourlas et al., "Information System for the TEIs' Career Offices (horizontal action)", Athens, 1998
5. Halaris I., Skourlas C., Information System of The National Centre for Public Administration and Local Government (EKDDA), Athens, 1998

Cooperation with the State Scholarship Foundation (IKY)

1989-2012: Examiner of two scholarship programmes (Informatics, Librarianship) for TEI graduates. Supervisor of post-graduate students (MSc, PhD) in Greece and abroad (Informatics).

Cooperation with the National Standardization Body of Greece (ELOT)

1984-89: Member of the Technical committee 48 (ΕΛΟΤ ΤΕ-48). Standards related mainly to the character sets. Member of the Technical committee 22 (ΕΛΟΤ-22). Standards related mainly to the automated handling and management of bibliographical information.

Research Work – Publications (2018-)

Books (in Greek)

1. Skourlas, C. (2024). Database Systems Volume A [Undergraduate textbook]. Kallipos, Open Academic Editions. https://dx.doi.org/10.57713/kallipos-397
2. Skourlas, C. (2024). Database Systems Volume B [Undergraduate textbook]. Kallipos, Open Academic Editions. https://dx.doi.org/10.57713/kallipos-973
3. Marinagi, A., & Skourlas, C. (2022). Knowledge management [Undergraduate textbook]. Kallipos, Open Academic Editions. https://dx.doi.org/10.57713/kallipos-27

The KALLIPOS initiative aims at developing electronic textbooks (mainly, but not only, for students and Professors of Greek Universities) and making them freely available with open licenses through the KALLIPOS digital Repository (https://repository.kallipos.en/)

The project is implemented by the NTUA Research Committee, in collaboration with the Hellenic Academic Libraries Link (Heal-Link) – NTUA Branch. These two organizations hold the Copyright of the produced works.

Journal papers – Conference papers (2018-)

[2025]

Samaridi, N. E., Karanikolas, N. N., Papakitsos, E. C., & Skourlas, C. (2025). Computational Infrastructure for Modern Greek: From Grammar to Ontology. *Computation*, *13*(11), 272. https://doi.org/10.3390/computation13110272

Markopoulos, D., Tsolakidis, A., Triantafyllou, I., Giannakopoulos, G. A., & Skourlas, C. (2025). A conceptual framework for the ICU of the future evaluated by the MIMIC-III digital archive. Global Knowledge, Memory and Communication, 74(7-8), 2611-2630.

Tsolakidis, S., Tsolakidis, A., Triperina, E., Karanikolas, N., & Skourlas, C. (2025). Insight into Spectral Graph Theory and Spectral Graph Neural Networks, WSEAS Transactions on Information Science and Applications. Accepted for publication, journal paper

Meletiou, G., Triperina, E., Tsolakidis, A., Karanikolas, N., & Skourlas, C. (2025). From Data to Insight: Management, Representation and Evaluation of Student Engagement and Personalization in Academic Information Ecosystems, European Journal of Engineering and Technology Research, Accepted for publication

[2024]

Tsolakidis, S., Tsolakidis, A., Triperina, E., Karanikolas, N., & Skourlas, C. (2024). Graph Databases and Graph Neural Networks. Journal of Integrated Information Management, 9(2), 24-32.

[2023]

Chytas, K., Tsolakidis, A., Triperina, E., & Skourlas, C. (2023). Educational data mining in the academic setting: employing the data produced by blended learning to ameliorate the learning process. Data Technologies and Applications, 57(3), 366-384.

Chytas, K., Tsolakidis, A., Triperina, E., Karanikolas, N. N., & Skourlas, C. (2023). Academic data derived from a university e-government analytic platform: An educational data mining approach. Data in Brief, 49.

Tsolakidis, A., Triperina, E., Triantafyllou, I., & Skourlas, C. (2023). Developing the infrastructure for managing institutional research archives. Journal of Integrated Information Management, 8(1), 28-35.

Chytas, K., Tsolakidis, A., Triperina, E., Karanikolas, N. N., & Skourlas, C. (2023, September). An Integrated Platform for Educational and Research Management Using Institutional Digital Resources. In Novel & Intelligent Digital Systems Conferences (NiDS 2023), pp. 266-276). Cham: Springer Nature Switzerland.

Karanikolas, N. N., Ivanovic, M., Kika, A., Alimehmeti, R., & Skourlas, C. (2023, September). Medical Engineering, Health Informatics and Medical Imaging (ME&HI) Profession and Curriculum. In Mediterranean Conference on Medical and Biological Engineering and Computing (pp. 803-814). Cham: Springer Nature Switzerland.

Markopoulos, D., Tsolakidis, A., Karanikolas, N., Marinagi, A., & Skourlas, C. (2023, November). Applying Soft System Methodology for a clearer understanding of the future Intensive Care Units. In Proceedings of the 27th Pan-Hellenic Conference on Progress in Computing and Informatics (pp. 163-170). ACM Press.

Meletiou, G., Chytas, K., Lazaridis, N., Tsolakidis, A., Karanikolas, N. N., Marinagi, C., & Skourlas, C. (2023, November). Students' perceptions of distance examination in Higher Education. In Proceedings of the 27th Pan-Hellenic Conference on Progress in Computing and Informatics (pp. 217-223). ACM Press.

[2022]

Tsolakidis, A., Triperina, E., Chytas, K., Triantafyllou, I., & Skourlas, C. (2022). An Academic E-government Platform for Managing Educational and Research Activities. Journal of Integrated Information Management, 7(2), 13-21.

[2021]

Markopoulos, D., Tsolakidis, A., & Skourlas, C. (2021). MIMIC III and its contribution to critical care prediction models. Journal of Integrated Information Management, 6(2), 7-12.

Manga, E., Karanikolas, N., Marinagi, C., & Skourlas, C. (2021, November). Evaluating Citizen Comments in Public Consultations Using Data Mining: Evaluating Citizen Comments in Public Consultations Using Data Mining: Analyzing Legislation Comments for the Greek General Commercial Registry. In Proceedings of the 25th Pan-Hellenic Conference on Informatics (pp. 430-435). ACM Press.

[2020]

Anagnostopoulos, T., Luo, C., Ramson, J., Ntalianis, K., Kostakos, V., & Skourlas, C. (2020). A multi-agent system for distributed smartphone sensing cycling in smart cities. Journal of Systems and Information Technology, 22(1), 119-134.

Chytas, K., Tsolakidis, A., N. Karanikolas, N., & Skourlas, C. (2020, November). An integrated system for predicting students' academic performance in smart universities. In Proceedings of the 24th Pan-Hellenic Conference on Informatics (pp. 416-419). ACM Press.

Chytas, K., Tsolakidis, A., & Skourlas, C. (2020, June). Towards a framework for learning systems in smart universities. In International Conference on Intelligent Tutoring Systems (pp. 275-279). Cham: Springer International Publishing.

Markopoulos, D., Tsolakidis, A., N. Karanikolas, N., & Skourlas, C. (2020, November). Towards the design of a Conceptual Framework for the operation of Intensive Care Units based on Big Data Analysis. In Proceedings of the 24th Pan-Hellenic Conference on Informatics (pp. 411-415). ACM Press.

Meletiou, G., N. Karanikolas, N., & Skourlas, C. (2020, November). Towards a framework for increasing Students' participation in Quality Assurance procedures. In Proceedings of the 24th Pan-Hellenic Conference on Informatics (pp. 424-427). ACM Press.

Meletiou, G., Sgouropoulou, C., and Skourlas, C. (2020) Quality Assurance in Higher Education. In Intelligent Tutoring Systems: 16th International Conference, ITS 2020, Athens, Greece, June 8–12, 2020, Proceedings, vol. 12149, p. 427. Springer Nature, 2020.

[2019]

Marinagi, C., Ntsounos, P., Pelingo, J. D., Skourlas, C., & Tsolakidis, A. (2019, December). Knowledge Management Techniques in Emotion-Based Music Recommendation Systems. In International Conference on Business Intelligence & Modelling (pp. 415-423). Cham: Springer International Publishing.

[2018]

Anagnostopoulos, T., Zaslavsky, A., Sosunova, I., Fedchenkov, P., Medvedev, A., Ntalianis, K., Skourlas, C., Rybin, A. & Khoruznikov, S. (2018). A stochastic multi-agent system for Internet of Things-enabled waste management in smart cities. Waste Management & Research, 36(11), 1113-1121.

Anagnostopoulos, T., Ntalianis, K., Skourlas, C., & Ramson, S. J. (2018, November). IoT-enabled fall verification of elderly and impaired people in Smart Cities. In proceedings of the 22nd Pan-Hellenic conference on informatics (pp. 88-92). ACM Press.

Marinagi, C., Skourlas, C., & Galiotou, E. (2018, November). Advanced information technology solutions for implementing information sharing across supply chains. In Proceedings of the 22nd Pan-Hellenic Conference on Informatics (pp. 99-102). ACM Press.

Galliakis, M., Skourlas, C., Galiotou, E., & Voyiatzis, I. (2018, November). A low-cost smart home for the assistance of elderly persons and patients. In Proceedings of the 22nd Pan-Hellenic Conference on Informatics (pp. 93-98). ACM Press.

Xia, F., Sgouropoulou, C., Parashar, M., & Skourlas, C. (2018, August). Message from DataCom 2018 Program Chairs and General Chairs. In 16th IEEE International Conference on Dependable, Autonomic and Secure Computing, IEEE 16th International Conference on Pervasive Intelligence and Computing, IEEE 4th International Conference on Big Data Intelligence and Computing and IEEE 3rd Cyber Science and Technology Congress, DASC-PICom-DataCom-CyberSciTec 2018 (pp. 1-6). Institute of Electrical and Electronics Engineers Inc.

Research Work – Publications (2001-2018)

Books (in Greek)

1. Χ. Σκουρλάς (επιμ), Παράλληλη, Διαγλωσσική, Βασιζόμενη στο Περιεχόμενο Ανάκτηση Πληροφορίας, Εκδόσεις Νέων Τεχνολογιών, Αθήνα, Δεκέμβριος 2006

Book chapters (2001-2018)

2014

Belsis, P., Skourlas, C., Gritzalis, S., A wireless system for secure electronic healthcare records management (2014) Healthcare Administration: Concepts, Methodologies, Tools, and Applications, 3, pp. 1509-1525. DOI: 10.4018/978-1-4666-6339-8.ch080, Book Chapter

2012

1. P. Belsis, C. Skourlas, S. Gritzalis, Secure electronic healthcare records distribution in wireless environments using low resource devices, Pervasive Computing and Communications Design and Deployment: Technologies, Trends, and Applications, A. Malatras, (ed), pp. 247-262, 2011, Hershey, USA, IGI Global

2008

1. P. Belsis, C. Konstantopoulos, B. Mamalis, G. Pantziou and C. Skourlas, "Interactive Cluster-based Personalized Retrieval on Large Document Collections", in Proceedings of KES-IIMSS'08 Conference (Intelligent Interactive Multimedia Systems & Services), University of Piraeus, (Springer), Book Chapter, Vol. 142, pp.211-220, Greece, July 9-11, 2008.

2. G. Paliouras, A. Mouzakidis, V. Moustakas and C. Skourlas, "PNS: A personalized news aggregator on the Web," In Intelligent Interactive Systems in Knowledge-based Environments, M. Virvou and L. Jain (eds), Studies in Computational Intelligence, n. 104, pp. 175-197, Springer-Verlag, 2008.

2007

1. Georgios Paliouras, Mouzakidis Alexandros, Christos Ntoutsis, Angelos Alexopoulos and Christos Skourlas, PNS: Personalized Multi-source News Delivery, Lecture Notes in Computer Science 4252, Knowledge-Based Intelligent Information and Engineering Systems, pp. 1152-1161

2. P. Belsis, S. Gritzalis, C. Skourlas, V. Tsoukalas, "Managing Uncertainty in Access Control Decisions in Distributed Autonomous Collaborative Environments", Proceedings of the 20th Annual Asian Computing Science Conference, I. Cervesato (Ed.), December 2007, Doha, Qatar, Lecture Notes in Computer Science LNCS, Springer

3. P. Belsis, S. Gritzalis, C. Skourlas, V. Tsoukalas, "Design and implementation of distributed access control infrastructure for dynamic coalitions", Proceedings of the TrustBus'07 4th International Conference on Trust, Privacy and Security in Digital Business, G. Pernul, C. Lambrinoudakis, M. Tjoa (Eds.), pp. 125-134, September 2007, Regensburg, Germany, Lecture Notes in Computer Science LNCS 4657, Springer

2006

1. Belsis P., Fragos K., Gritzalis S., Skourlas C., "The SF-HME System: A Hierarchical Mixtures-of–Experts classification system for spam filtering", 21st ACM symposium on Applied Computing (SAC 06), Dijon France, 23-27 April 2006, pp. 354-360.

2. Vassilas N., Skourlas C., Content-Based Coin Retrieval Using Invariant Features and Self-Organizing Maps, 2006 International Conference on Artificial Neural Networks, Athens, Greece, Lecture Notes in Computer Science LNCS Volume 4132/2006, Springer, pp. 113-122

In Greek

3. Χ. Σκουρλάς «Εννοιολογικό πλαίσιο για Συστήματα Διαγλωσσικής / βασιζόμενης στο Περιεχόμενο, Ανάκτησης Πληροφοριών και Διαχείρισης Γνώσης», σελ. 13-68, Χ. Σκουρλά (Επιμέλεια) Παράλληλη Βασισμένη σε περιεχόμενο Διαγλωσσική Ανάκτηση Πληροφοριών, Εκδόσεις Νέων Τεχνολογιών, Αθήνα 2006

4. Παλιούρας Γ., Σκουρλάς Χ., Αλεβίζος Θ., Γαλιώτου Ε., Δουλκερίδης Χ., Μαρινάγη Α., Μπέλσης Π., «Διαγλωσσική Ανάκτηση Πληροφοριών, Εξατομίκευση και Μοντέλο Χρήστη», Χ. Σκουρλά (Επιμέλεια), σελ. 117-126

5. Μπέλσης Π., Φράγγος Κ., Γκρίτζαλης Σ., Σκουρλάς Χ. «Διήθηση πληροφορίας και αποτελεσματική ταξινόμηση πόρων σελ. 159-171, Χ. Σκουρλά (Επιμέλεια) «Παράλληλη Βασισμένη σε περιεχόμενο Διαγλωσσική Ανάκτηση Πληροφοριών», Εκδόσεις Νέων Τεχνολογιών, Αθήνα 2006.

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