Curriculum Vitae

**Last Name: Skourlas**

**First Name: Christos**

**Marital Status:**Married

**Work Address:**

Technological Educational Institute of Athens, Ag. Spyridonos, Egaleo 122 10, Greece

**Τel:** 210-5910974

**e-mail:** [cskourlas@teiath.gr](mailto:cskourlas@teiath.gr) ; christossko@gmailcom

*His research interests are in Information Retrieval, Knowledge and Database Management, Cross Language Information Retrieval, Personalization, Medical Informatics, Assistive Technology, Pervasive and Mobile computing, and security issues.*

**Academic Post**

Full Professor, Department of Informatics, Technological Educational Institute of Athens.

Head of the lab “Data, Information and Knowledge Management (InfoDat\_KM)” (http://idkm.stef.teiath.gr/)

**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- :**Full Professor, Department of Informatics, Technological Educational Institute of Athens.

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

**1983-1986:** Analyst programmer at the NDC

**1977-1981:** Assistant 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- :**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 and the compulsory course “Information Systems” for two semesters. Department of Informatics. Technological Educational Institute of Athens.

**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**

**2014- :** He teaches 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” organized by: TEI of Athens and Department of Archives and Library Science, Ionian University

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

**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 of Rennes (France).

**Ph. D. Dissertation**

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

**Research and Development Projects**

1. ΕΣΠΑ – Ψηφιακή σύγκλιση, «Νέες Ψηφιακές Υπηρεσίες ΤΕΙ Αθήνας (κωδικός MIS 304187», Υπηρεσίες και Ψηφιακό Εκπαιδευτικό Υλικό για ΑμεΑ σπουδαστές και σπουδαστές με μαθησιακά προβλήματα, συντονιστής Χ. Σκουρλάς, <https://pyles.teiath.gr>
2. ESPA – ARCHIMEDES III, TEI of Athens, “Secure retrieval and dissemination of Information (text and image) in Distributed and Wireless specific purpose environments (SECRET\_DIDWE)”, 2012-2015, coordinator: C. Skourlas, <http://archimedes.teiath.gr/>
3. 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, <https://sites.google.com/site/dbtechvet/project>
4. ESPA – THALES, “From Graph Theory to Matroids: Algorithmic Issues and Applications”, <http://excellence.minedu.gov.gr/thales/el/thalesprojects/379437>, participation
5. «Ανάπτυξη ψηφιακής βιβλιοθήκης του ΤΕΙ Αθήνας», Ε.Π. «Ψηφιακή Σύγκλιση» 2011-2014, εγκεκριμένο έργο με φορέα υλοποίησης το ΤΕΙ Αθήνας, Επιστημονική υπεύθυνη Μάνεση Δ. <http://dlproject.library.teiath.gr/>, συμμετοχή
6. «Πολύτιμο: Σύστημα Επεξεργασίας, Διαχείρισης και Παροχής Πρόσβασης στο Περιεχόμενο Πολύτιμων Βιβλίων και Χειρογράφων», Κοινωνία της Πληροφορίας. Επιστημονική υπεύθυνη ερευνητικής ομάδας ΤΕΙ Αθήνας: Γαλιώτου Ε. , συμμετοχή
7. ARCHIMEDES I: “Parallel Content based Cross Language Information Retrieval - PA\_CO\_CLIR”, (coordinator: C. Skourlas)

**Research Work – Publications**

**Books (in Greek)**

1.      C. Skourlas (editor), Parallel Content based Cross Language Information Retrieval, *New Technologies,*Athens, 2006

2.      C. Skourlas, Database systems implementation and SQL – Database Programming and Oracle technology, *New Technologies, ISBN 960-8105-18-8,*Athens, 2001

3.      C. Skourlas, Relational databases, *New Technologies, ISBN 960-8105-14-5,*Athens, 2000

4.      S.P. Panayiotopoulos, J. Dragonas, C. Skourlas, Telecommunications and Networks, *New Technologies,*Athens, 1994

5.      C. Skourlas, Relational databases – Design and implementation, *New Technologies,*Athens, 1993

6.      S. Xanthakis, C. Skourlas, Program testing, *New Technologies,*Athens, 1992

**Book chapters (2003-)**

**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

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.

6. Σκουρλάς Χ., Μπέλσης Π., Δανίκας Γ., Τζαμάκου Μ. «Διαγλωσσική ανάκτηση πληροφοριών, Σημασιολογικός ιστός και μηχανές αναζήτησης» σελ. 143-159 Χ. Σκουρλά (Επιμέλεια) Παράλληλη Βασισμένη σε περιεχόμενο Διαγλωσσική Ανάκτηση Πληροφοριών, Εκδόσεις Νέων Τεχνολογιών, Αθήνα 2006.

**2005**

1. Malatras A., Pavlou G, Belsis P., Gritzalis S., Skourlas C., Chalaris I., "Secure and Distributed Knowledge Management in Pervasive Environments", in Proceedings of the 1st IEEE International Conference on Pervasive Services ICPS 2005, July 2005, Santorini, Greece, IEEE Computer Society Press, pp.79-87.

2. Belsis P., Gritzalis S., Skourlas C., "Security Enhanced Distributed Knowledge Management Architecture", in Proceedings of the I-KNOW'05 5th International Conference on Knowledge Management, K. Tochtermann, H. Maurer (Eds.) July 2005, Graz, Austria, Springer, pp. 327-335.

3. Belsis P., Gritzalis S., Malatras A., Skourlas C., Chalaris I., "Sec-Shield: Security Preserved Distributed Knowledge Management between Autonomous Domains" in Proceedings of the DEXA'05 TrustBus'05 2nd International Conference on Trust, Privacy, and Security in the Digital Business, J. Lopez, G. Pernul, (Eds.), August 2005, Copenhagen, Denmark, Lecture Notes in Computer Science LNCS 3592, Springer, pp. 10-20.

**2004**

1. Belsis P., Gritzalis S., Malatras A., Skourlas C., Chalaris I., "Enhancing Knowledge through the use of GIS and Multimedia", in Proceedings of the PAKM 2004 5th International Conference on Practical Aspects of Knowledge Management, U. Reimer, D. Karagiannis (Eds.), December 2004, Vienna, Austria, Lecture Notes in Computer Science LNCS 3336, Springer, pp.319-329.

**Journal papers (2003-)**

**2016**

1. Skourlas C., Tsolakidis, A., Belsis P., Vassis D., Kampouraki A., Kakoulidis P., Gianakopoulos G., “Integration of Institutional Repositories and e-learning platforms for supporting disabled students in the Higher Education”, Library review, 2016 vol. 65, issue 3, Emerald publishing

**2015**

1. T. Anagnostopoulos, S. Khoruzhnicov, V. Grudinin, C. Skourlas, “Extended Speech Emotion Recognition and Prediction”, Scientific and Technical Journal of Information Technologies, Mechanics and Optics, November- December 2015, Vol. 15, Issue No 6

2. Skourlas C., Belsis P., “Learner Profiles and the process of learning in the higher Educational Context”, International Journal of Integrated Information Management Vol.2,Issue 1, pp. 21-27, 2015,

3. Belsis P., Skourlas C, “Distributed processing for knowledge management in cooperative e-Government Administration Projects”, International Journal of Integrated Information Management Vol.2, Issue 1, pp. 1-7, 2015

**2014**

1. Metalidou, E., Marinagi, C., Trivellas, P., Eberhagen, N.,Giannakopoulos, G., Skourlas, C., “Human factor and information security in higher education”(2014) Journal of Systems and Information Technology, 16 (3), pp. 210-221. DOI: 10.1108/JSIT-1-2014-0007

2. Vos, A., Eberhagen, N., Trivellas, P., Giannakopoulos, G., Skourlas, C., “Electronic service quality in online shopping and risk reduction strategies”(2014) Journal of Systems and Information Technology, 16 (3), pp. 170-186.DOI: 10.1108/JSIT-01-2014-0008

3. Karanikolas, N.N., Skourlas, C., “Personal digital libraries: A self-archiving approach”, (2014) Library Review, 63 (6-7), pp. 436-451. DOI: 10.1108/LR-06-2014-0073

4. Anagnostopoulos, T., Skourlas, C., “Ensemble majority voting classifier for speech emotion recognition and prediction” (2014) Journal of Systems and Information Technology, 16 (3), pp. 222-232. DOI: 10.1108/JSIT-01-2014-0009

5. Belsis P., Gritzalis S., Lambrinoudakis C., Skourlas C., Tsoukalas V., Vassis D. "An Agent Based Architecture Benchmark", Procedia - Social and Behavioral Sciences, Volume 147, 25 August 2014, Pages 429-435

6. Fragos K, Belsis P, Skourlas C, “Combining Probabilistic Classifiers for Text Classification”, Procedia - Social and Behavioral Sciences, Volume 147, 25 August 2014, Pages 307-312

7. Belsis P., Chalaris I., Chalaris M.,Skourlas C., Tsolakidis A., "The Analysis of the Length of Studies in Higher Education based on Clustering and the Extraction of Association Rules, Procedia - Social and Behavioral Sciences, Volume 147, 25 August 2014, Pages 567-575

8. Christopoulou A, Skourlas C, Belsis P, "Sharing Knowledge and Integrated Information in Therapeutic Radiological Physics", Procedia - Social and Behavioral Sciences, Volume 147, 25 August 2014, Pages 313-320

**2013**

1. Catherine Marinagi, Christos Skourlas: Blended Learning in Personalized Assistive Learning Environments. IJMBL 5(2): 39-59 (2013)

2. D. Vassis, A. Kampouraki, P. Belsis, C. Skourlas, A Resource Reservation and Traffic Categorization Agent for QoS in Medical Ad Hoc Networks, Procedia – Social and Behavioral Sciences, ISSN: 1877-0428, Elsevier, Volume 73, 27 February 2013, Pages 460-466

 3.  A.   Kampouraki, D. Vassis, P. Belsis, C. Skourlas, e-Doctor: A Web Based Support Vector Machine for Automatic Medical Diagnosis, Procedia – Social and Behavioral Sciences, ISSN: 1877-0428, Elsevier. Volume 73, 27 February 2013, Pages 467-474

 4.  Catherine Marinagi, Christos Skourlas, Petros Belsis, Employing ubiquitous computing devices and technologies in the higher education classroom of the future. Procedia – Social and Behavioral Sciences, ISSN: 1877-0428, Elsevier, Volume 73, 27 February 2013, Pages 487-494

 5.  Catherine Marinagi, Petros Belsis, Christos Skourlas, New directions for pervasive computing in logistics, Procedia – Social and Behavioral Sciences, ISSN: 1877-0428, Elsevier, Volume 73, 27 February 2013, Pages 495-502

 6.  Nektarios Giannoulis, Anthimoula Kagia, Panos Kakoulidis, Costas Rikkou, Christos Skourlas, Personalized Adaptive Networked Learning for Disabled Students & Social Networking for the Inclusion of students – The Multimedu tool, Procedia – Social and Behavioral Sciences, ISSN: 1877-0428, Elsevier, Volume 73, 27, February 2013, Pages 451-455

 7. M. Chalaris, I. Chalaris, C. Skourlas and A. Tsolakidis, Extraction of rules based on students’ questionnaires, Procedia – Social and Behavioral Sciences, ISSN: 1877-0428, Elsevier, Volume 73, 27 February 2013, Pages 510-517

**2012**

1. Petros Belsis, Charalampos Konstantopoulos, Basilis Mamalis, Grammati E. Pantziou, Christos Skourlas: User-Directed, Cluster-Based Retrieval for Large Document Collections in Highly Parallel Environments. I. J. Comput. Appl. (ISCA) 19(1):47-60 (2012)

**2011**

1. P. Belsis, C. Skourlas, S. Gritzalis, Secure electronic healthcare records management in wireless environments, Journal of Information Technology Research, Vol. 4, No. 4, pp. 1-17, 2011, IGI Global

2. Petros Belsis, Dimitris Vassis, Christos Skourlas: Identifying and utilizing secure paths in ad hoc assistive medical environments. Security and Communication Networks (SCN) 4(11):1231-1242 (2011)

3. Catherine Marinagi, Fotini Sarinopoulou,Christos Skourlas, (2011) "Personalized self-assessment for deaf and hard-of-hearing students", International Journal on Integrated Information Management, Vol. 1 Issue 1, pp. 49 – 59

**2010**

1. Vassis, D., Belsis, P., Skourlas, C., Pantziou, G., Providing advanced remote medical treatment services through pervasive environments, 2010, Personal and Ubiquitous Computing 14 (6), pp. 563-573

2. Karanikolas, N.N., Skourlas, C., A parametric methodology for text classification, 2010, Journal of Information Science 36 (4), pp. 421-442

**2009**

1. N. N. Karanikolas, M. Nitsiou, E. J. Yannakoudakis and C. Skourlas, “CUDL language semantics: updating FDB data”, Journal of Systems and Software 82 (6), June 2009, pp. 947-962.

2. Belsis, P., Fragos, K., Gritzalis, S., Skourlas, C., Applying effective feature selection techniques with hierarchical mixtures of experts for spam classification, 2009 Journal of Computer Security 17 (3), pp. 239-268

**2008**

1. Γ. Γιαννακόπουλος, Α. Γκουβούση, Π. Μπέλσης, Γ. Παλιούρας, Χ. Παπαθεοδώρου, Α. Ρόδη, Χ. Σκουρλάς, Εξατομίκευση διδασκαλίας και πληροφόρησης στην ανώτατη εκπαίδευση, Journal of Science and technology (επιστημονικό Περιοδικό ΤΕΙ Αθήνας), 2008

**2007**

1. P. Belsis, K. Fragos, S. Gritzalis, C. Skourlas, "Applying effective feature selection techniques with Hierarchical Mixtures of Experts for spam classification", Journal of Computer Security, 2007, IOS Press

**2006**

1. Karanikolas N.N., Skourlas C., Text Classification: Forming candidate key-phrases from existing shorter ones, Facta Univ., Ser.: Elec. Engin., Dec. 2006

**2005**

1. Malatras A., Pavlou G., Belsis P., Gritzalis S., Skourlas C., Chalaris I., "Deploying Pervasive Secure Knowledge Management Infrastructures", in International Journal of Pervasive Computing and Communications, December 2005, Troubador Publishing

2. Alevizos T., P. Belsis, C. Skourlas, V. Tsoukalas, and J. Varnas, “Distance Learning experiments between two Technological Education Departments of Informatics in Greece, Facta Univ. Ser.: Elec. Energ., vol. 18, No. 2, August 2005, pp. 225-236

3. Belsis P., Malatras A., Gritzalis S., Skourlas C., Chalaris I., "Flexible Secure heterogeneous File Management in Distributed Environments ", IADAT Journal of Advanced Technology, November 2005, published by IADAT International Association for the Development of Advances in Technology

 4. Belsis P., Pantziou G., Skourlas C., Varnas J. ‘A methodology for the development of multimedia enhanced teaching material’ IADAT Journal of Advanced Technology, November 2005, published by IADAT International Association for the Development of Advances in Technology

5. N. Karanikolas and C. Skourlas. Naive Rule Induction for Text Classification based on Key-Phrases Data Mining 2005 6th International Conference on Data Mining. Text Mining and their Business Applications, 25 - 27 May, 2005, Skiathos, Greece. In WIT Transactions on Information and Communication Technologies, volume 35, Data Mining VI: Data Mining, Text Mining and their Business Applications, WIT Press, ISBN 1-84564-017-9, ISSN 1764-4463.

6. Skourlas C., Alevizos T., Belsis P., Doulkeridis C., Malatras A. “Enhancing Cross Language Information Retrieval Systems – The Case of the Greek Language”, WSEAS Transactions on Computers, July 2005, pp. 898-908

**2003**

1. Nikitas Karanikolas and C.Skourlas. Interconnection of Laboratory Information System and Hospital Information System. The case of ARETEION University Hospital. WSEAS Transactions on Systems, ISSN 1109-2777, volume 2, No 4, 2003.

2. N. Karanikolas, C. Skourlas, A. Christopoulou and T. Alevizos. Medical Text Classification based on Text Retrieval techniques. MEDINF 2003 1st International Conference on Medical Informatics & Engineering. October 9 - 11, 2003, Craiova, Romania. Craiova Medicala Journal, volume 5, supplement 3, ISSN 1454-6876.

3. Christos Fragos, George Miaoulis, Christos Skourlas, Declarative modeling for Content based Medical Image Retrieval. 1st International Conference on Medical Informatics & Engineering, October 9 - 11, 2003, Craiova, Romania. Craiova Medicala Journal, volume 5, supplement 3, ISSN 1454-6876.

4. T. Alevizos, C. Skourlas, Database Curricula in Higher Informatics Education, Facta Univ., Ser.:Elec. Engin., 2003

**Conference papers (2003-)**

**2017**

1. C Marinagi, C Skourlas, A Tsolakidis (2017), “Information Technology Literacy for Deaf and Hard of Hearing Students in Higher Education”, Strategic Innovative Marketing, Springer, pp. 697-703

2. C Skourlas, A Tsolakidis, E Galiotou, NN Karanikolas, P Belsis, D Vassis, (2017) “Retrieval and Dissemination of Information in Distributed and Wireless Environments”, Strategic Innovative Marketing, Springer, pp. 683-690

3. P Belsis, A Christopouloy, C Skourlas, A Tsolakidis (2017), “A Framework for Communities of Practice in Radiotherapy”, Strategic Innovative Marketing, Springer, pp. 705-711

4. Christos Skourlas, Panayiotis Kazilas, Garyfalia Vasileiou, Eleni Galiotou (2017) “The Design of a Knowledge Base for the Prevention of Bullying in Elementary School”, Strategic Innovative Marketing, Springer, pp. 691-696

***2015***

1. Christos Skourlas, Dimitrios A. Dervos, Martti Laiho, “Database SQL transactions and learning by verifying in practice: a case study”. Panhellenic Conference on Informatics 2015: 361-362, ACM DL

2. C. Marinagi, P. Trivellas, P. Reklitis and C. Skourlas, “Adoption and use of e-invoicing in Greece”, 4th International Conference on Integrated Information, Madrid, Spain; 09/2014, AIP Conf. Proc. 1644, 279 (2015),;

3. Catherine C Marinagi, Panagiotis Trivellas, Panagiotis Reklitis, Christos Skourlas, “Drivers and barriers to e-invoicing adoption in Greek large scale manufacturing industries”, AIP Conf. Proc. 1644, 310 (2015)

4. Anastasios Tsolakidis, Panos Kakoulidis, Christos Skourlas, “An ontology based information system for the management of institutional repository’s collections”, AIP Conference Proceedings 02/2015; 1644.

5. Christos Skourlas, Anastasios Tsolakidis, Panos Kakoulidis, Georgios Giannakopoulos, “DSpace and customized controlled vocabularies”, AIP Conference Proceedings 02/2015, 1644.

6. D. Vassis, A. Kampouraki, P. Belsis, V. Zafeiris, N. Vassilas, E. Galiotou, N. N. Karanikolas, K. Fragos, V. G. Kaburlasos, S. E. Papadakis, V. Tsoukalas, C. Skourlas, “Using neural networks and SVMs for automatic medical diagnosis: A comprehensive review”, AIP Conf. Proc. 1644, 32 (2015)

7. Kampouraki, Dimitris Vassis, Petros Belsis, Christos Skourlas, “Helping visually impaired people use smart phones in education: content retrieval with fingerprint identification”. Panhellenic Conference on Informatics 2015: 342-347, ACM DL

8. Kostas Fragos, Christos Skourlas, “Ranking tokens with class label frequencies for medical article classification”. Panhellenic Conference on Informatics 2015: 359-360, ACM DL

9. Tsolakidis A, Belsis P, Skourlas C, “Developing a framework for transferring knowledge among the researchers of research teams”, International Conference ‘*Science in Technology’* SCinTE 2015, Athens, Greece

10. E. Galiotou, P. Kazilas, C. Skourlas and G. Vasiliou, “A pilot surveillance system for the prevention of bullying in primary schools”, International Conference ‘*Science in Technology’* SCinTE 2015, Athens, Greece

11. Belsis P., Christopoulou A., Skourlas C., Tsolakidis A., “A framework for Communities of Practice in Radiotherapy”, 5th IC-ININFO, September 21-24, 2015 Mykonos Island, Greece

12. Skourlas C., Tsolakidis A, Galiotou E., Karanikolas N.N., Belsis P., Vassis D., Kampouraki A., "Retrieval and Dissemination of Information in Distributed and Wireless Environments". 5th IC-ININFO, September 21-24, 2015 Mykonos Island, Greece.

***2014***

1. Vassis, D., Kampouraki, A., Belsis, P., Skourlas, C., “Admission control of video sessions over ad hoc networks using neural classifiers” (2014) Proceedings - IEEE Military Communications Conference MILCOM, art. no. 6956893, pp. 1015-1020. DOI: 10.1109/MILCOM.2014.173

2. Belsis, P., Vassis, D., Zafeiris, V., Skourlas, C., “Integrated 3g and 802.11 architecture for medical services provision” (2014) 29th International Conference on Computers and Their Applications, CATA 2014, pp. 249-254.

***2013***

1. Dimitris Vassis, Petros Belsis, Christos Skourlas, Catherine Marinagi, Vassilis Tsoukalas: Secure mobile assessment of deaf and hard-of-hearing and dyslexic students in higher education. PanhellenicConference on Informatics 2013, ACM, 311-318

2. Vassilis Tsoukalas, Vassilis G. Kaburlasos, Christos Skourlas: A granular, parametric KNN classifier. Panhellenic Conference on Informatics 2013, ACM, 319-326

3. Vassilis Zafeiris, Petros Belsis, Christos Skourlas: NFC-triggered IMS flow mobility across different devices. PETRA 2013: 14

***2012***

1. Catherine Marinagi and Christos Skourlas, A Wireless Architecture for Assistive Mobile Learning Environments, IADIS International Conference, 7th Mobile Learning, 2012, 11th to 13th March 2012, Berlin, Germany, Conference Proceedings

2. Dimitris Vassis, Petros Belsis, Christos Skourlas, Secure Management of Medical Data in Wireless Environments, 16th Panhellenic Conference on Informatics, Special Session - Secure Retrieval and Dissemination of Information (Text and Image) in Distributed and Wireless Specific Purpose Environments, 2012, IEEE, pp 427-432

3. D. Vassis, B. Zafeiris, C. Skourlas, and P. Belsis, An Ad Hoc-Based ERP for Medical Treatment Provision in Crisis Conditions, 16th Panhellenic Conference on Informatics, Special Session - Secure Retrieval and Dissemination of Information (Text and Image) in Distributed and Wireless Specific Purpose Environments, 2012, IEEE, pp 439-444

4. Petros Belsis, Stefanos Gritzalis, Catherine Marinagi, Christos Skourlas, Dimitris Vassis, Secure Wireless Infrastructures and Mobile Learning for Deaf and Hard-of-Hearing Students, 16th Panhellenic Conference on Informatics, 2nd Mobile Device Software Development and Web Development (MDSD) 2012, IEEE, pp 369-374

***2011***

1. Nikitas N. Karanikolas and Christos Skourlas, Exploiting the Search Culture modulated by the Documentation Retrieval applications. IC-ININFO: International Conference on Integrated Information, September 29 – October 3, 2011, island of Kos, Greece

2. Marinagi CC, Skourlas C, Providing Access to Students with Disabilities and Learning Difficulties in Higher Education through a Secure Wireless Framework, IC-ININFO: International Conference on Integrated Information, September 29– October 3, 2011, island of Kos, Greece

***2010***

1. Skourlas C. (presenter) (2010). Inclusion of students with disabilities and learning difficulties at the Technological Educational Institute of Athens, The 7th International Conference on Higher Education & Disability, July 20-23, Innsbruck, Austria.

2. Marinagi C.C., Belsis, P. & Skourlas, C., Designing a wireless learning system for including students with disabilities to mainstream class. In Proceedings of the 6th National & International HSSS Conference "Systemic Approaches in Social Structures", June 23-26, 2010, Mytilene, Greece.

3. Marinagi C.C., Sarinopoulou, F. & Skourlas, C., Α learning system for the adaptive evaluation of Deaf and Hard–of–Hearing students. The 5th International Scientific Conference eRA-5, September 15-18, 2010, Athens, Greece.

4. D. Vassis, P. Belsis, C. Skourlas, A Wireless Framework for Secure Execution of Exams related to Students with Special Needs. The 5th International Scientific Conference eRA-5, September 15-18, 2010, Athens, Greece.

***2009***

1. P. Belsis, D. Vassis, S. Gritzalis, C. Skourlas, W-EHR: A wireless Distributed Framework for secure dissemination of Electronic Healthcare records, proceedings of 16th International Workshop on Systems, Signals and Image Processing, IEEE press

2. D. Vassis, P. Belsis, C. Skourlas, S. Gritzalis, End to end secure communication in ad-hoc assistive medical environments using secure paths, Proceedings of the PSPAE 2009 1st Workshop on Privacy and Security in Pervasive e-Health and Assistive Environments, in conjunction with PETRA 2009 2nd International Conference on Pervasive Technologies related to Assistive Environments, June 2009, Corfu, Greece, ACM Press

3. Skourlas C. et. al, A wireless distributed framework for supporting Assistive Learning Environments, Proceedings of the AHETA 2009, 1st Workshop Assistive Healthcare & Educational Technologies for special target groups, in conjunction with PETRA 2009 2nd International Conference on Pervasive Technologies related to Assistive Environments, June 2009, Corfu, Greece, ACM Press

4. Vassis D., Belsis P., Skourlas C., Pantziou G., A Pervasive Architectural Framework for Providing Remote Medical Treatment, 1st International Conference on Pervasive Technologies Related to Assistive Environments, ACM Press, ACM International Conference Proceeding Series; Vol. 282, article No. 23

5. Χ. Σκουρλάς κ.α., Ψηφιακές υπηρεσίες και στοχευμένη εξατομίκευσή τους για την ισότιμη πρόσβαση στη γνώση ειδικών κατηγοριών σπουδαστών, WIE 2009, Corfu

***2008***

1. Belsis P., Sgouropoulou C., Sfikas C., Pantziou G., Skourlas C., Varnas J., Alevizos T., Tsoukalas V. "Exploiting Distance Learning Methods and Multimedia-enhanced instructional content to support IT Curricula in Greek Technological Educational Institutes, 6th International Conference on Networked Learning 5th & 6th May 2008, Halkidiki, Greece

2. Belsis P., Vassis D., Skourlas C., Pantziou G., “Secure dissemination of electronic healthcare records in distributed wireless environments”, Proceedings of 21st International Congress of the European Federation for Medical Informatics (S. Anderssen et al. eds), Goteborg, Sweden May 2008.

3. Nikitas N. Karanikolas, Maria Nitsiou, Emmanuel J. Yannakoudakis and Christos Skourlas. Conceptual Universal Database Language (CUDL) and Enterprise Medical Information Systems. ICEIS 2008: 10th International Conference On Enterprise Information Systems, June 12-16, 2008, Barcelona, Spain. Proceedings of the conference, ISBN 978-989-8111-36-4.

4. D. Vassis,P. Belsis, C. Skourlas, G. Pantziou, “A Pervasive Architectural Framework for Providing Remote Medical Treatment, accepted for publication in the Proc of the 1st International Conference on PErvasive Technologies Related to Assistive Environments (PETRA 2008), ACM 2008.

***2007***

1. Alevizos T., Kaburlasos V.G., Papadakis S., Skourlas C., Belsis P., Fuzzy Interval Number Techniques for Multilingual and Cross Language Information Retrieval. International Conference on Enterprise Information Systems ICEIS 2007, Madeira Portugal, pp.348-355

2. Alevizos T., V. G. Kaburlasos, S. Papadakis, C. Skourlas, Fuzzy Interval Numbers (FINs) techniques and applications, PCI 2007

3. Skourlas C., Alevizos T., Belsis P., Fragos K., Kaburlasos V.G., Papadakis S., “Fuzzy Interval Numbers (FINs) techniques and its applications in Natural Language Queries Processing and documents classification”, Procedings Of the 3rd Balkan Conference on Informatics- BCI 2007, (Boyanov K. et al., eds.), pp. 17-28.

4. Belsis P., Gritzalis S., Skourlas C., Tsoukalas V., Designing flexible security architectures for distributed knowledge sharing applications, International Scientific Conference, eRA2, September 2007, Athens Greece

5. Belsis P., G. Pantziou, C. Skourlas, V. Zafeiris “Distributed processing techniques for Knowledge Management purposes in cooperative environments” International Scientific Conference, eRA2, September 2007, Athens Greece

6. Belsis P., Skourlas C., Hadjidiakos P. “Distributed processing and security oriented architectures for cooperating e-Government environments”. International Scientific Conference, eRA2, September 2007, Athens Greece

7. Skourlas C., Sgouropoulou C., Belsis P., Pantziou P., Sfikas C., Fosses N. “ Learner profiles in the Higher Educational Context”, Proceedings of e-Ra 2nd International Conference Information Technology to Science, Economy, Society and Education, D. Tseles (ed), Athens, Sep. 2007

8. Yannakoudakis E. J., Nitsiou M., Skourlas C. and Karanikolas N. N. Tarski algebraic operations on the frame database model (FDB). PCI’2007. 11th Panhellenic Conference in Informatics, May 18-20, 2007, Patras, Greece.

9. Nikitas N. Karanikolas, Maria Nitsiou, Emmanuel J. Yannakoudakis and Christos Skourlas. CUDL Language Semantics, Liven Up the FDB Data Model. ADBIS’2007. 11th East-European Conference on Advances in Databases and Information Systems, September 29 - October 03, 2007, Varna, Bulgaria.

10. D. Sotiropoulos, E. Galiotou , C. Skourlas, Application of a Word-Alignment Algorithm to Bilingual Greek-Latin Documents, 7th WSEAS International Conference on Applied Computer Science, Venice, Italy, November 21-23, 2007

***2006***

1. Marinagi A., Alevizos T., Kaburlasos V. G., Skourlas C., “Fuzzy Interval Number (FIN) Techniques for Cross Language Information Retrieval, 8th ICEIS 2006

2. K. Fragos, C. Skourlas, An N-gram Based Distributional Test for Authorship Identification, NLUCS 2006, pp 139-148

3. K. Fragos, C. Skourlas, A Divergence from Randomness Framework of WordNet Synsets' Distribution for Word Sense Disambiguation, NLUCS 2006, pp 71-80

4. Belsis P., Gritzalis S., G. Pantziou, C. Skourlas “Knowledge Sharing and Reusability within the Public Sector: Security Challenges and Potential Solutions”, Proceedings of 2nd Conference on Electronic Democracy & challenges of the Digital era, A. Sideridis (ed.), Athens March 2006, pp. 389-397.

5. Karanikolas N.N., Skourlas C., Bratos J., Extraction of training sets for experimentation with Cross Language Information Retrieval Systems, Intl. Conf. Automatics and Informatics 06, Oct. 3-6, Sofia

6. G. Paliouras, A. Mouzakidis, C. Ntoutsis, A. Alexopoulos, C. Skourlas, PNS: Personalized Multi-Source News Delivery, KES2006 Conference, pp. 1152-1161, 9-11 October 2006, Bournemouth, UK

7. Παλιούρας Γ., Μουζακίδης Α., Μαρινάγη Α., Αλεβίζος Θ., Σκουρλάς Χ., Διαγλωσσική Ανάκτηση Πληροφορίας και Υπηρεσίες Εξατομικευμέων Ειδήσεων, 2ο Συνέδριο Αρχιμήδης 22-24 Νοεμβρίου 2006, ΤΕΙ Αθήνας

8. Μπέλσης Π., Σκουρλάς Χ., Διαγλωσσική Ανάκτηση Πληροφοριών, Σημασιολογικός Ιστός και Μηχανές Αναζήτησης, 2ο Συνέδριο Αρχιμήδης 22-24 Νοεμβρίου 2006, ΤΕΙ Αθήνας

***2005***

1. T. Alevizos, P. Belsis, G. Pantziou, C. Skourlas, V. Tsoukalas and J. Varnas, “Supporting Computing Curricula through Distance Learning and Multimedia enhanced content deployment - the case of Greek Technological Educational Institutes”, in the Proc. of the WSEAS International Conference on Engineering Education 2005, pp. 321-326.

2. P. Belsis, G. Pantziou, C. Skourlas, J. Varnas, “Supporting Academic Courses Through Multimedia Enhanced Content Deployment”, in the Proc. of the IADAT International. Conference on Multimedia, Image Processing and Computer Vision – IADAT –micv2005, pp. 12-16, 2005, IADAT.

3. Belsis P., Malatras A., Gritzalis S., Skourlas C., Chalaris I., "Semantically enabled Secure Multimedia content delivery using GIS principles", in Proceedings of the IADAT-micv2005 International Conference on Multimedia, Image Processing and Computer Vision, J. Larrauri et al. (Eds.), April 2005, Madrid, Spain, Proceedings by IADAT International Association for the Development of Advances in Technology

4. Belsis P., Malatras A., Gritzalis S., Skourlas C., Chalaris I., "Pervasive Secure Electronic Healthcare Records Management", in Proceedings of the ICEIS 7th International Conference on Enterprise Information Systems - Workshop on Ubiquitous Computing, S. K. Mostefaoui (Ed.), May 2005, Miami, USA, published by ICEIS, pp. 101-109

5. Kostas Fragos, Yannis Maistros, Christos Skourlas, A Weighted Maximum Entropy Language Model for Text Classification. 2nd International Workshop on Natural Language Understanding and Cognitive Science (NLUCS 2005), May 2005, Florida, USA

6. Gritzalis S., Belsis P., Karyda M., Chalaris M., Skourlas C., Chalaris I., "Designing the Provision of PKI services for eGovernment", in Proceedings of the HERCMA 2005 7th Hellenic European Research on Computer Mathematics and its Applications Conference, September 2005, Athens, Greece, Proceedings by LEA Publisher

7. Skourlas C., Alevizos T., Belsis P, Doulkeridis C., Malatras A. “Comparison, Selection and Merging of Techniques, Methods and Tools for Operational CLIR Systems – The Case of the Greek Language’’, proceedings of WSEAS conference on Computers 2005, Athens

8. Ν. Βασιλάς, Π. Μπέλσης, Κ. Σφήκας, Σ. Περαντώνης και Χ. Σκουρλάς, «Εξαγωγή Χαρακτηριστικών, Δεικτοδότηση και Ανάκτηση Εικόνας Βασισμένη στο Περιεχόμενο». 1ο Συνέδριο «ΑΡΧΙΜΗΔΗΣ» του ΤΕΙ Αθήνας, 2005.

9. Αλεβίζος Θ., Γαλιώτου Ε., Δουλκερίδης Χ., Μαρινάγη Α., Μπέλσης Π., Παλιούρας Γ., Σκουρλάς Χ., ‘Διαγλωσσική ανάκτηση πληροφοριών, εξατομίκευση και μοντέλο χρήστη’, Συνέδριο “Αρχιμήδης” 24-26 Νοεμβρίου 2005, ΤΕΙ Αθήνας

10. Β. Ζαφείρης, Χ Δουλκερίδης, Π. Μπέλσης, I. Χάλαρης, Χ. Σκουρλάς, ‘Πράκτορες λογισμικού για διαχείριση γνώσης σε αυτόνομους οργανισμούς’, 1ο συνέδριο Αρχιμήδης

***2004***

1. Belsis P., Gritzalis S., Skourlas C., Drakopoulos I., “Implementing Knowledge Management techniques for security purposes”, 6th International Conference on Enterprise Information Systems (in Collaboration with ACM, AAAI, IEICE and APPIA), Porto, Portugal, April 14-17, 2004, Proceedings, Vol. 2, pp 535-540

2. Belsis P., Chalaris A., Malatras A., Drakopoulos I. ‘‘Supporting the learning process through knowledge based systems”. Proceedings of Workshops on Computer Science Education, 2004, pp. 43-49, Nis, Serbia.

3. Chatzidiakos P., Skourlas C., Alevizos T., “Information system for supporting the inclusion of job seekers to the labour market”, in ICEIS’04 Proceedings of the 6th International Conference on Enterprise Information Systems (in collaboration with AAAI, ACM, IEICE, APPIA), April 2004, Portugal, Vol. 1, pp. 617-623, ISBN 972-8865-00-7

4. Fragos K., Maistros Y., Skourlas C., “Discovering Collocations in Modern Greek Language”, 1st International Workshop on Natural Language Understanding and Cognitive Science (NLUCS 2004), April 2004, Portugal, pp. 151-159, ISBN 972-8865-05-8

5. N. Karanikolas and C. Skourlas. Key-Phrase Extraction for Classification. MEDICON and Health Telematics 2004. X Mediterranean Conference on Medical and Biological Engineering, 31 July - 5 August, 2004, Ischia, Italy. In IFMBE Proceedings, Health in the Information Society, volume 6, ISBN 88-7080308-8, ISSN 1727-1983.

6. P. Belsis, S. Gritzalis, I. Chalaris, C. Skourlas, A. Malatras, «Integrating KM multimedia enhanced activities and business process workflow control in eGovernment administration projects’’, Netties 2004, Budapest, Hungary.

***2003***

1. Kostas Fragos , Yannis Maistros, Christos Skourlas, Word Sense Disambiguation Using WordNet Relations , 1st BCI, Nov. 2003

2. Κostas Fragos , Yannis Maistros, Christos Skourlas, Using WordNet Lexical Database and Internet to Disambiguate Word Senses, 9th PCI, Nov. 2003

3. N. Karanikolas and C. Skourlas. Shifting from legacy systems to a Data Mart and Computer Assisted Information Resources Navigation framework. ICEIS 2003: 5th International Conference On Enterprise Information Systems, April 23-26, 2003, Angers, France. Proceedings of the conference, ISBN 972-98816-1a-8.

4. Makris D., Ravani I., Miaoulis G., Skourlas C., Fribault P., Plemenos D., «Towards a domain-specific knowledge intelligent information system for Computer-Aided Architectural Design.» in 3IA 2003 the Sixth International Conference on Computer Graphics and Artificial Intelligence, Limoges, France, May 14 – 15, 2003