

CURRICULUM VITAE: Vangelis Karkaletsis

Personal Information

Date of Birth: 02 - 09 – 1966
Address: Office: Institute of Informatics and Telecommunications,
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Education

1991 - 1995 University of Athens, Department of Computer Science
Ph.D. in Computer Science
Thesis title: "Terminological Knowledge Bases and their exploitation in Multilingual S/W applications "

1989 - 1990 University of London, Queen Mary & Westfield College, Department of Computer Science
MSc in Advanced Methods in Computer Science
Thesis title: "Development of a natural language interface to a geographic data base"

1984 - 1989 University of Patras, Department of Computer Engineering & Informatics
Diploma in Engineering

Work Experience

2004 – today (part time) **Co-founder and board member of the start-up company i-sieve technologies Ltd.**

2003 – today (full time) **Head of the Software & Knowledge Engineering Laboratory, Senior Researcher at the Inst. of Informatics and Telecom., NCSR "Demokritos"**

1999 – 2003 (full time) **Researcher at the Inst. of Informatics and Telecom., NCSR "Demokritos"**

1999-today (part time) **Responsible for the organization and teaching of the University of Athens postgraduate courses on “Information Extraction” and “Natural Language Generation”**

1997-1999 (full time) **Post-doctoral Fellow at the Inst. of Informatics and Telecom., NCSR "Demokritos"**

1996-1997 (full-time) **Research Associate at the Inst. of Informatics and Telecom., NCSR "Demokritos"**

1993-1995 (part-time)

1995-1996 (full time) **Military service in the Greek Army, System administration and programming**

1990-1993 (full time) **Research Associate, Institute of Informatics, Greek Productivity Center (ELKEPA)**

1990-1998 (part time) **Teaching in various computer science courses**

Research Activities:

- Invited talks and seminars in academic and research institutions.
- Co-Chair of international Conferences, Workshops
- Co-editor of special issues in international scientific Journals and books
- Program committee member and member of the organizing committee of various International and National Conferences and Workshops
- Reviewer for various international journals, international conferences
- Vice chair (2006 -) of the Hellenic Association for Artificial Intelligence (EETN).
- Expert evaluator of research projects and project proposals for the European Commission and the Greek General Secretariat of Research and Technology.

Publications

EDITORIALS

1. F. Makedon, V. Karkaletsis, and I. Maglogiannis, (Guest Editors Special Issue) “**Computational Analysis and Decision Support Systems in Oncology**”, *International Journal of Oncology Reports*, 15, pp. 969-1108, 2006.
2. C.D. Spyropoulos and V. Karkaletsis, (Guest Editors Special Issue) “**Information Extraction and Summarization from Medical Documents**”, *Artificial Intelligence in Medicine (AIM)*, 33(2), Feb 2005 pp. 107-198.
3. S. Piperidis, V. Karkaletsis (Editors), **Proceedings of the Workshop on Balkan Language Resources and Tools, 1st Balkan Conference on Informatics (BCI 2003)**, November, 2003.
4. G. Paliouras, V. Karkaletsis and C.D. Spyropoulos (Editors), **Machine Learning and Applications**, *Lecture Notes in Computer Science (LNCS) no. 2049*, Springer-Verlag, 2001.
5. C.D. Spyropoulos and V. Karkaletsis, (Guest Editors Special Issue), “**Artificial Intelligence and Software Multilinguality**”, *Applied Artificial Intelligence (AAI) Journal*, 13(6), 1999.

SCIENTIFIC JOURNALS

1. S. Afantenos, V. Karkaletsis, P. Stamatopoulos, C. Halatsis, “**Using Synchronic and Diachronic Relations for Summarizing Multiple Documents describing Evolving Events**”, *Journal of Intelligent Information Systems (JIIS)*, Springer (in press)
2. I. Androutsopoulos, J. Oberlander, V. Karkaletsis, “**Source Authoring for Multilingual Generation of Personalised Object Descriptions**”, *Journal of Natural Language Engineering (JNLE)*, 13(3): 191-233, 2007
3. A. Valarakos, V. Karkaletsis, D. Alexopoulou, E. Papadimitriou, C.D. Spyropoulos, and G. Vouros. “**Building an Allergens Ontology and Maintaining it using Machine Learning Techniques**”. *Computers in Biology and Medicine Journal (CBM)*, 36 (10): 1155-1184, 2006
4. M.A. Mayer, V. Karkaletsis, P. Archer, P. Ruiz, K. Stamatakis, A. Leis, “**Quality labelling of medical web content**”, *Health Informatics Journal*, 12 (1): 73-79, 2006
5. S.D. Afantenos, V. Karkaletsis, and P. Stamatopoulos. “**Summarization from Medical Documents: A Survey**”. *Journal of Artificial Intelligence in Medicine (AIM)*, 33 (2): 157-177, 2005.
6. G. Petasis, G. Paliouras, V. Karkaletsis, C. Halatsis, and C.D. Spyropoulos, “**e-GRIDS: Computationally Efficient Grammatical Inference from Positive Examples**”, *GRAMMARS*, 7: 69-110, 2004.
7. G. Sakkis, I. Androutsopoulos, G. Paliouras, V. Karkaletsis, C.D. Spyropoulos and P. Stamatopoulos, “**A Memory-Based Approach to Anti-Spam Filtering for Mailing Lists**,” *Information Retrieval Journal*, 6(1): 49-73, 2003.
8. G. Paliouras, C. Papatheodorou, V. Karkaletsis and C.D. Spyropoulos, “**Discovering User Communities on the Internet Using Unsupervised Machine Learning Techniques**,” *Interacting with Computers*, 14 (6): 761-791, 2002.
9. V. Karkaletsis, G. Paliouras, G. Petasis, N. Manousopoulou and C.D. Spyropoulos, “**Named-Entity Recognition from Greek and English Texts**”. *Journal of Intelligent and Robotic Systems*, 26(2): 123-135, 1999.
10. V. Karkaletsis, C.D. Spyropoulos, and G. Vouros, “**A Knowledge-Based Methodology for Supporting Multilingual and User-tailored Interfaces**”. *Interacting with Computers: The Interdisciplinary Journal of Human Computer Interaction*, 9(3): 311-333, 1998.
11. V. Karkaletsis, C.D. Spyropoulos, G. Vouros, and C. Halatsis. “**Organisation and Exploitation of Terminological Knowledge in Software Localisation**”. *TermNet News - Journal of the International Network for Terminology*, 48: 42-48, 1995.

BOOK CHAPTERS

1. V. Karkaletsis, C.D. Spyropoulos, “**An Open Platform for Collecting Domain Specific Web Pages and Extracting Information from them**”, “In S. Symmakessis (Ed.), “*Knowledge Mining*”, Studies in Fuzziness and Soft Computing”, Vol. 185, pp. 145-154, 2005
2. D. Pierrakos, G. Paliouras, C. Papatheodorou, V. Karkaletsis, M. Dikaiakos, “**Web Community Directories: A New Approach to Web Personalization**,” In Berendt et al. (Eds.), “*Web Mining: From Web to Semantic Web*”, Lecture Notes in Computer Science, n. 3209, pp. 113 – 129, Springer Verlag, 2004.
3. G. Petasis, V. Karkaletsis, D. Farmakiotou, I. Androutsopoulos, and C.D. Spyropoulos. “**A Greek Morphological Lexicon and its Exploitation by Natural Language Processing Applications**”. Lecture Notes on Computer Science (LNCS), vol.2563, “*Advances in Informatics - Post-proceedings of the 8th Panhellenic Conference in Informatics*”. Vol. editors: Yannis Manolopoulos, Skevos Evripidou, Antonis Kakas, pp. 401-419, 2003.
4. G. Petasis, S. Petridis, G. Paliouras, V. Karkaletsis, S. Perantonis, and C.D. Spyropoulos, “**Symbolic and Neural Learning of Named-Entity Recognition and Classification Systems in Two Languages**,” In *Advances in*

Computational Intelligence and Learning: Methods and Applications, H-J. Zimmermann, G. Tselentis, M. van Someren and G. Dounias (eds), Kluwer Academic Publishers, pp. 193-210, 2001.

5. V. Karkaletsis, Spyropoulos, C.D., and Petasis, G. "**Named Entity Recognition from Greek texts: the GIE Project**". In "*Advances in Intelligent Systems: Concepts, Tools and Applications*", ed. S.Tzafestas, Kluwer Academic Publishers, Part II - Chapter 12, pp. 131-142, 1999.
6. T. Honkela, Lehtola, A., Kalliomaki, S., Sutilala, R., Hudson, R., Karkaletsis, V., and Vouros, G., 1997. "**A Recommended Globalization Method**". In "*Software without frontiers*", ed. by P.A.Hall and R.Hudson, J.Wileys&Sons, London, 1997 (ISBN 0 471 96974 5), pp. 33-50.
7. G. Vouros, Karkaletsis, V., and Spyropoulos, C.D., 1997. "**Documentation and Translation**". In "*Software without frontiers*", ed. By P.A.Hall and R.Hudson, J.Wileys&Sons, London, 1997 (ISBN 0 471 96974 5), pp. 167-202.
8. V. Karkaletsis, Spyropoulos, C.D., Vouros, G., Honkela, T., Lagus, K., and Lehtola, A., 1997. "**Message Generation**". In "*Software without frontiers*", ed. By P.A.Hall and R.Hudson, J.Wileys & Sons, London, 1997 (ISBN 0 471 96974 5), pp. 203-218.
9. V. Karkaletsis, Spyropoulos, C.D., Vouros, G. "**The Use of Terminological Knowledge Bases in Software Localisation**". In *Lecture Notes of Artificial Intelligence (LNAI)*, Springer-Verlag, no 898, pp. 175-188, 1995.

CONFERENCE PROCEEDINGS

1. V. Spiliopoulos, A. Valarakos, G.A. Vouros, and V. Karkaletsis, "**Learning Subsumption Relations with CSR: A Classification-based Method for the Alignment of Ontologies**", Proceedings of the *Second International Workshop on Ontology Matching (OM-2007)*, in the context of the 6th International Semantic Web Conference (ISWC-2007), November 11, 2007: BEXCO, Busan, Korea.
2. V. Spiliopoulos, G.A. Vouros, and V. Karkaletsis, "**Mapping Ontologies Elements using Features in a Latent Space**", Proceedings of the *2007 IEEE/WIC/ACM International Conference on Web Intelligence (WI-2007)*, Silicon Valley, USA, November 2-5, 2007.
3. D. Bilidas, M. Theologou, V. Karkaletsis, "**Enriching OWL Ontologies with Linguistic and User-related Annotations: the ELEON system**", Proceedings of the *IEEE International Conference on Tools with Artificial Intelligence (ICTAI-2007)*, Patras, Greece, October 29-31, 2007.
4. D.V. Gonzales, M.A. Mayer, A. Leis, V. Karkaletsis, K. Stamatakis, V. Metsis, P. Nasikas, M. Labský, M. Ruzicka, V. Svátek, F. López-Ostenero, V. Peinado, E.A. Cabrera, T. Honkela, M. Pöllä. "**AQUA (Assisting Quality Assessment): a system based on Semantic web and information extraction technologies to support medical quality labelling agencies**", Proceedings of the *12th World Congress on the Internet in Medicine (Mednet 2007)*, Leipzig, Germany, October 7-10, 2007.
5. K. Stamatakis, V. Metsis, V. Karkaletsis, M. Růžička, V. Svátek, V. E.A. Cabrera, and M. Pöllä, "**Content collection for the labeling of health-related web content**". Proceedings of the *11th Conference on Artificial Intelligence in Medicine (AIME 07)*, LNAI 4594, pp. 341-345, 2007.
6. K. Stamatakis, K. Chandrinou, V. Karkaletsis, M.A. Mayer, D.V. Gonzales, M. Labsky, E. Amigó, and M. Pöllä, "**AQUA, a system assisting labelling experts assess health web resources**". Proceedings of *12th International Symposium for Health Information Management Research (iSHIMR 2007)*, Sheffield, UK, July 2007.
7. S. Castano, S. Espinosa, A. Ferrara, V. Karkaletsis, A. Kaya, S. Melzer, R. Möller, S. Montanelli, G. Petasis, "**Ontology Dynamics with Multimedia Information: The BOEMIE Evolution Methodology**", Proceedings of the *International Workshop on Ontology Dynamics (IWOD-07)*, in the context of the 4th European Semantic Web Conference (ESWC-07), Innsbruck, Austria, June 7, 2007, pp. 41-54.
8. V. Karkaletsis, K. Stamatakis, V. Metsis, V. Redoumi, D. Tsarouhas, "**Health-related Web Content: quality labelling mechanisms and the MedIEQ approach**", Proceedings of the *4th International Conference on Information Communication Technologies in Health (ICICTH-2006)*, July 13-15, 2006, Samos, Greece
9. Z. Le, J. Ford, V. Karkaletsis, V. Spiliopoulos, S. Katsikas, F. Makedon. "**Secure group collaboration in an open health care environment**", Proceedings of the *4th International Conference on Information Communication Technologies in Health (ICICTH-2006)*, July 13-15, 2006, Samos, Greece
10. F. Makedon, V. Karkaletsis, G. Giannakopoulos, I. Maglogiannis, J. C. Ford, G. Vassilakopoulos. "**Health Grid Cyberinfrastructure: Computational Perspectives**", Proceedings of the *4th International Conference on Information Communication Technologies in Health (ICICTH-2006)*, July 13-15, 2006, Samos, Greece
11. V. Karkaletsis, A. Perego, P. Archer, K. Stamatakis, P. Nasikas, D. Rose, "**Quality Labeling of Web Content: The Quatro approach**", Proceedings of "*Models of Trust for the Web (MTW'06) workshop, 15th International World Wide Web Conference (WWW2006)*", May 22-26, 2006, Edinburgh, Scotland.
12. D. Kosmopoulos, S. Petridis, I. Pratikakis, V. Gatos, S. Perantonis, V. Karkaletsis and G. Paliouras, "**Knowledge Acquisition from Multimedia Content using an Evolution Framework**," In *Proceedings of the IFIP Conference on Artificial Intelligence Applications and Innovations (AIAI)*, IFIP International Federation for Information Processing Series, n. 204, pp. 557-565, Springer Boston, 2006.

13. V. Karkaletsis, A. Valarakos, C.D. Spyropoulos, **“Populating ontologies in biomedicine and presenting their content using multilingual generation”**, in Proceedings of the *LREC'06 Workshop on “Acquiring and Representing Multilingual, Specialized Lexicons: the Case of Biomedicine”*, May 23, 2006, Genoa, Italy.
14. D.I. Kosmopoulos, V. Karkaletsis, S. Perantonis, G. Paliouras, C.D. Spyropoulos, **“Representation and Analysis of Multimedia Content: The BOEMIE Proposal”**, In Proc. of Workshop *“Crossing media for improved information access”*, held as part of 5th Language Resources and Evaluation Conference, May 24-26, 2006, Magazzini del Cotone Conference Centre, Genoa, Italy
15. C. D. Spyropoulos, G. Paliouras, V. Karkaletsis, D. Kosmopoulos, I. Pratikakis, S. Perantonis, B. Gatos, **“BOEMIE: Bootstrapping Ontology Evolution with Multimedia Information Extraction”**, In *Proceedings of the 2nd European Workshop on Integration of Knowledge, Semantic and Digital Media Technologies (EWIMT)*, London, UK, November 2005. Also in *Proceedings of the International Workshop for Intelligent Information Access (IIIA)*, Helsinki, Finland, July 2006.
16. M.A. Mayer, V. Karkaletsis, P. Archer, P. Ruiz, K. Stamatakis, A. Leis, **“Quality labelling of medical web content”**, *10th International Symposium on Health Information Management Research (ISHIMR'05)*, pp. 326-331, Thessaloniki, 22-24/09/2005
17. S.D. Afantenos, V. Karkaletsis, P. Stamatopoulos, **“Summarizing Reports on Evolving Events; Part I: Linear Evolution”**, *Recent advances in Natural Language Processing (RANLP'05)*, pp. 18-24, Borovets, Bulgaria, 21-23/09/2005
18. I. Androutsopoulos, S. Kallonis, V. Karkaletsis, **“Exploiting OWL Ontologies in the Multilingual Generation of Object Descriptions”**, Proceedings of the *10th European Workshop on Natural Language Generation (ENLG-05)*, Aberdeen, 8-10 August 2005.
19. A. Valarakos, V. Karkaletsis, D. Alexopoulou, E. Papadimitriou, and C.D. Spyropoulos, **“Populating an Allergens Ontology Using Natural Language Processing and Machine Learning Techniques”**, Proceedings of the *Artificial Intelligence in Medicine Conference (AIME'2005)*, LNAI 3581, pp. 264-273, 2005.
20. V. Karkaletsis, G. Paliouras, C. D. Spyropoulos, **“A Bootstrapping Approach to Knowledge Acquisition from Multimedia Content with Ontology Evolution,”** *International and Interdisciplinary Conference on Adaptive Knowledge Representation and Reasoning (AKRR)*, pp. 98-105, 2005.
21. S. Afantenos, K. Liantou, M. Salapata, and V. Karkaletsis. **“An Introduction to the Summarization of Evolving Events: Linear and Non-linear Evolution.”** Proceedings of the *Natural Language Understanding and Cognitive Science Workshop (NLUCS-2005)*, Miami, USA, pp 91-99, 2005.
22. A. Valarakos, G. Paliouras, V. Karkaletsis, G. Vouros, **“Enhancing the Ontological Knowledge through Ontology Population and Enrichment,”** In *Proceedings of the International Conference on Knowledge Engineering and Knowledge Management (EKAW), Lecture Notes in Artificial Intelligence*, n. 3257, pp. 144-156, Springer Verlag, 2004.
23. G. Petasis, G. Paliouras, C. D. Spyropoulos, C. Halatsis, **“eg-GRIDS: Context-Free Grammatical Inference from Positive Examples using Genetic Search,”** In *Proceedings of the 7th International Colloquium on Grammatical Inference (ICGI), Lecture Notes in Artificial Intelligence*, n. 3264, pp. 220 - 231, Springer Verlag, 2004.
24. S. Zhang, F. Makedon, J. Ford, C. Sudborough, L. Ai, S. Kapidakis, V. Karkaletsis, and E. Loukis, **“An International Trade Negotiation Framework for E-Government”**, In *Proceedings of the 3rd International Conference on Electronic Government (EGOV '04), Lecture Notes in Computer Science* 3183, Springer, pp. 211-217, Zaragoza, Spain, Aug. 30-Sep. 3, 2004.
25. G. Petasis, V. Karkaletsis, C. Grover, B. Hachey, M.T. Paziienza, M. Vindigni, J. Coch, **“Adaptive, Multilingual Named Entity Recognition in Web Pages”** In *Proceedings of the European Conference in Artificial Intelligence (ECAI)*, pp. 1073 - 1074, Valencia, Spain, 2004.
26. V. Karkaletsis, C.D. Spyropoulos, C. Grover, M.T. Paziienza, J. Coch, D. Souflis, **“A Platform for Cross-lingual, Domain and User Adaptive Web Information Extraction”** In Proceedings of the European Conference in Artificial Intelligence (ECAI), pp. 725 - 729, Valencia, Spain, 2004.
27. V. Karkaletsis, C.D. Spyropoulos, **“Information Retrieval and Extraction from the Web: the CROSSMARC approach,”** In *Proceedings of the RIAO 2004 Conference “Coupling approaches, coupling media and coupling languages for information retrieval”*, pp. 905-114, Avignon, April 26 – 28, 2004.
28. B. Gatos, S. J. Perantonis, V. Maragos, V. Karkaletsis and G. Petasis, **“Text Area Identification in Web Images”**, In *Proceedings of the Panhellenic Conference in Artificial Intelligence (SETN), Lecture Notes in Artificial Intelligence*, n. 3025, pp. 82- 92, Springer Verlag, 2004.
29. S. Afantenos, I.Doura, E. Kapellou, V. Karkaletsis, **“Exploiting Cross-Document Relationships for Multi-Document Summarization”**, In *Proceedings of the Panhellenic Conference in Artificial Intelligence (SETN), Lecture Notes in Artificial Intelligence*, n. 3025, pp. 410 – 419, Springer Verlag, 2004.
30. A. Valarakos, G. Paliouras, V. Karkaletsis, G. Vouros, **“A Name-Matching Algorithm for Supporting Ontology Enrichment,”** In *Proceedings of the Panhellenic Conference in Artificial Intelligence (SETN), Lecture Notes in Artificial Intelligence*, n. 3025, pp. 381-389, Springer Verlag, 2004.

31. D. Pierrakos, G. Paliouras, C. Papatheodorou, V. Karkaletsis, M. Dikaiakos, “**Construction of Web Community Directories using Document Clustering and Web Usage Mining**,” In *Proceedings of the 1st European Web Mining Forum Workshop at the Joint European Conference on Machine Learning and Principles and Practices of Knowledge Discovery in Databases (ECML/PKDD-2003)*, Cavtat-Dubrovnik, Croatia, September, 2003.
32. G. Petasis, V. Karkaletsis and C.D. Spyropoulos. "**Cross-lingual Information Extraction from Web pages: the use of a general-purpose Text Engineering Platform**", Proceedings of the RANLP'2003 Conference, pp. 381-388, Borovets, Bulgaria, September 10-12, 2003.
33. A. Valarakos, G. Sigletos, V. Karkaletsis, G. Paliouras, “A Methodology for Semantically Annotating a Corpus Using a Domain Ontology and Machine Learning,” In *Proceedings of the RANLP International Conference*, pp. 495-499, Borovets, Bulgaria, September, 2003.
34. K. Stamatakis, V. Karkaletsis, G. Paliouras, J. Horlock, C. Grover, J. R. Curran, S. Dingare. “**Domain-Specific Web Site Identification: The CROSSMARC Focused Web Crawler**,” In *Proceedings of the Second International Workshop on Web Document Analysis (WDA 2003)*, Edinburgh, UK, August, 2003.
35. M. Vassiliou, S. Markantonatou, Y. Maistros, and V. Karkaletsis. «Evaluating Specifications for Controlled Greek», In Proceedings of the EAMT/CLAW 2003 Conference on “Controlled Language Translation”, pp. 185-193, Dublin, Ireland, May 15-17, 2003.
36. Hachey B., C. Grover, V. Karkaletsis, A. Valarakos, M.T. Paziienza, M. Vindigni, E. Cartier, J. Coch. "Use of Ontologies for Cross-lingual Information Management in the Web", Proceedings of the *Ontologies and Information Extraction International Workshop held as part of the EUROLAN 2003*, Bucharest, Romania, July 28 - August 8, 2003.
37. G. Sigletos, D. Farmakiotou, K. Stamatakis, G. Paliouras, V. Karkaletsis. “**Annotating Web pages for the needs of Web Information Extraction applications**,” In *Proceedings of the 12th International WWW Conference* (poster), Budapest, Hungary, May 20-24, 2003
38. Paziienza M.T, A. Stellato, M. Vindigni, A. Valarakos, V. Karkaletsis. "Ontology integration in a multilingual e-retail system". Proceedings of the *Human Computer Interaction International (HCII'2003)*, Heraklion, Crete, June 22-27, 2003.
39. G. Petasis, V. Karkaletsis, G. Paliouras and C. D. Spyropoulos, “**Using the Ellogon Natural Language Engineering Infrastructure**,” In *Proceedings of the Workshop on Balkan Language Resources and Tools at the 1st Balkan Conference on Informatics (BCI 2003)*, November, 2003.
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41. A. Valarakos, G. Sigletos, V. karkaletsis, G. Paliouras, G. Vouros, “**A Methodology for Enriching a Multi-Lingual Domain Ontology using Machine Learning**,” In *Proceedings of the 6th ICGL workshop on Text Processing for Modern Greek: from Symbolic to Statistical Approaches, held as part of the 6th International Conference in Greek Linguistics*, Rethymno, Crete, September, 2003.
42. D. Pierrakos, G. Paliouras, C. Papatheodorou, V. Karkaletsis, M. Dikaiakos, “**Construction of Web Community Directories by Mining Usage Data**,” In *Proceedings of the Hellenic Data Management Symposium (HDMS 2003)*, September, 2003.
43. G. Petasis, V. Karkaletsis, G. Paliouras, I. Androutsopoulos and C. D. Spyropoulos, “**Ellogon: A New Text Engineering Platform**,” *Proceedings of the International Conference on Language Resources and Evaluation (LREC)*, vol. I, pp. 72-78, Las Palmas, Spain, May, 2002.
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45. D. Farmakiotou, V. Karkaletsis, I. Koutsias, G. Petasis, **C.D. Spyropoulos**, PatEdit: An Information Extraction Pattern Editor for Fast System Customization *Proceedings of the International Conference on Language Resources and Evaluation (LREC-2002)*, Las Palmas, Spain, May 2002.
46. G. Sigletos, G. Paliouras, V. Karkaletsis, “**Role Identification From Free Text Using Hidden Markov Models**,” *Proceedings of the Panhellenic Conference in Artificial Intelligence (SETN), Lecture Notes in Artificial Intelligence*, Springer Verlag, n. 2308, pp. 167-178, 2002.
47. D. Farmakiotou, V. Karkaletsis, G. Samaritakis, G. Petasis, and C.D. Spyropoulos “**Named Entity Recognition from Greek Web Pages**”, *Proceedings Companion Volume of 2nd Hellenic Conference on AI (SETN-02)*, I.P. Vlahavas and C.D. Spyropoulos (eds), 2002, pp. 91-102
48. S.Markantonatou, V.Karkaletsis, Y.Maistros, “An Authoring Tool for Controlled Modern Greek”, Proceedings Companion Volume of 2nd Hellenic Conference on AI (SETN-02), I.P. Vlahavas and C.D. Spyropoulos (eds), 2002, pp. 165-176.
49. Ion Androutsopoulos, Dimitris Spiliotopoulos, Konstantinos Stamatakis, Aggeliki Dimitromanolaki, Vangelis Karkaletsis, and Constantine D. Spyropoulos “Symbolic Authoring for Multilingual Natural Language Generation” In *Methods and Applications of Artificial Intelligence, LNAI 2308, I.P. Vlahavas and C.D. Spyropoulos (eds), 2002, p.p. 131-142.*
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Selected Research Projects

Project Coordinator of

- *QUATRO Plus: Content Labels for User Empowerment*
- *MedIEQ (Quality Labeling of Medical Web Content using Multilingual Information Extraction), EC DG SANCO project*

- *OntoSum (Ontologies Management and Exploitation of Ontologies in Document Summarization), Greek GSRT-PENED*

Site Manager (for NCSR) of

- *INDIGO (Interaction with Personality and Dialogue Enabled Robots), EU FP6-IST project*
- *XENIOS (User-robot communication using computational vision, speech processing and natural language generation), Greek GSRT R&D project*

Technical Manager of

- *CROSSMARC (Cross-lingual Multi-agent Retail Comparison). EU FP5-IST project*
- *MITOS (Information retrieval and Knowledge Discovery System – Case Study Financial News). Greek GSRT-EPET project.*

Researcher for

- *BOEMIE (Bootstrapping Ontology Evolution with Multimedia Information Extraction). EU FP6-IST project.*
- *SHARE (Mobile support for rescue forces, integrating multiple modes of interaction). EU FP6-IST project.*
- *QUATRO (Quality Assurance and Content Description), EU Safer Internet project*
- *SCOFI (Filtering the Internet by use of a Smart card). EU Safer Internet project.*
- *M-PIRO (Multi-lingual Personalised Information Objects). EU FP5-IST project.*
- *ECRAN (Extraction of Content: research at near-market). EU Language Engineering project.*
- *SCHEMATOPOIESIS (Integrated environment for the development and exploitation of Greek controlled languages), Greek GSRT R&D project*