

CURRICULUM VITAE

Emmanouil Marakakis

Professor

Department of Informatics Engineering

School of Engineering

TEI of Crete

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Personal Information

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Education

- *Doctor of Philosophy (PhD)*, June 1997, University of Bristol, Bristol, UK.
- *Master of Computer Science (M.Comp.Sc.)*, November 1984, Concordia University, Montreal, Canada.
- *Bachelor in Mathematics*, November 1979, University of Ioannina, Ioannina, Greece.

Current Position

Professor of Informatics at the Department of Informatics Engineering, TEI of Crete.

Job History

- Professor of Informatics in regular position at the Informatics Engineering Department, TEI of Crete, from 7/8/2013 up today.
- Sciences Department, TEI of Crete, from 20/4/1989 up to 6/8/2013. Initially as Assistant Professor of Informatics, next as Associate Professor of Informatics, and finally Professor of Informatics.
- Special Technical Scientist (Analyst – Programmer), Institute of Computer Sciences, Foundation for Research and Technology – Hellas (FORTH) from 1/8/1986 up to 31/1/1992.
- Teaching assistant, Concordia University, Montreal Canada, from September 1982 up to June 1984.

Research Interests

Artificial intelligence: Logic programming, knowledge-based systems (expert systems), automated software engineering, natural language processing (natural language user interfaces), semantic web.

Professional Experience

Research Experience

- 1) Technological Educational Institute (TEI) of Crete, Estavromenos 714 10, Heraklion, Crete, Greece, August 2013 – today, Informatics Engineering Department and April 1989 - August 2013, Department of Sciences.
 - *Project coordinator* in the research project «*Applications of Artificial Intelligence in Software Engineering and in Medicine*» of the program Archimidis II. *Project duration:* 1/5/2005 - 31/12/2007 (end of the project).
 - *Prime researcher* in the research project «*Application of the Environmental Decision Support System, Expert System, in the Ecosystems of Streams of Crete (Expert System Crete)*» of the research program Archimidis I. *Project duration:* 1/4/2004 – 30/6/2007 (end of the project).
2. University of Bristol, researcher at the Computer Science Department, The Merchant Venturers Building Woodland Road, Bristol BS8 1UB, England. I was on sabbatical leave from TEI of Crete and I was working on my PhD thesis. Project title: *Development of a new method for semiautomatic construction of logic programs*, from 1/10/1993 up to 1/6/1994.
3. Institute of Computer Science, Foundation for Research and Technology (FORTH) - Hellas, Science and Technology Park of Crete, Vasilika Vouton, P.O. Box 1385, Heraklion 71110, Crete, Greece, *full-time* from August 1986 until April 1989 and *part-time* from May 1989 until January 1992.
 - a) Researcher and project leader in the project LOKI of the ESPRIT I program of the European Union (EU).
Project title: *A logic oriented approach to knowledge and data bases supporting natural user interaction*. *Period of work in the project:* August 1986 up to August 1988 (end of the project).
 - b) Researcher and project leader in the project DAIDA of the ESPRIT I program of the EU.
Project title: *Development of advanced interactive data-intensive applications*.
Period of work in the project: August 1986 up to may 1990 (end of the project).
 - c) Researcher in the project ITHACA of the ESPRIT II program of the EU.
Project title: *Integrated Toolkit for Highly Advanced Computer Applications*.
Period of work in the project: June 1990 up to January 1992.
4. Computer Science Department, Concordia University, 1455 De Maisonneuve blvd West, Montreal P.Q. H3G-1M3, Canada.
 - a) Research assistant 1982-1984. The research involved the *design and implementation of a system that generates answers in English text from the processing of SEQUEL (SQL) queries in a relational database*.

Teaching Experience

1. Technological Educational Institute (TEI) of Crete, Estavromenos 714 10, Heraklion, Crete, Greece, August 2013 – today, Professor of Informatics at the Informatics Engineering Department.

- I teach the following *compulsory* undergraduate courses at the department of Informatics Engineering in the direction of *Software Engineering*: a) *Logic Programming*, b) *Artificial Intelligence* and c) *Knowledge Systems*.
 - In addition, I teach the graduate course “*Advanced Topics in Artificial Intelligence*” in the graduate program “*Informatics and Multimedia*” of the Informatics Engineering Department since the academic year 2012-13.
2. Technological Educational Institute (TEI) of Crete, Estavromenos 714 10, Heraklion, Crete, Greece, April 1989 - August 2013, Professor of Informatics at the Department of Sciences.
- I have taught undergraduate courses in the departments of Informatics Engineering, Electrical Engineering and Mechanical Engineering of TEI of Crete from February 1989 up to July 2013.
 Compulsory: a) *Programming II* (Algorithms, Data Structures). b) *Programming I* (Introduction to Computer Sciences, Programming in C). c) *Informatics* (Introduction to Computer Sciences, Programming in C). d) *Introduction to Informatics* (Programming in C).
 Elective: *Artificial Intelligence - Expert Systems*.
 Optional: a) *Prolog – Artificial Intelligence Applications*. b) *Software Engineering*. c) *Programming in Prolog*. d) *Expert Systems*.
3. Computer Science Department, Concordia University, 1455 De Maisonneuve blvd West, Montreal P.Q. H3G-1M3, Canada.
- Teaching assistant in 1983-1984. Teaching the undergraduate course «*Introduction to Computers and Computing*».
 - Teaching assistant in 1982-1984. Tutorials in undergraduate courses.

Activities in the Erasmus and Socrates/Erasmus Programs

Participation in the Erasmus and in the Socrates/Erasmus programs from 1989 up to August 2013 (abolishment of Sciences Department). My involvement in Erasmus program included mainly educational cooperation with many institutions of the European Union. Specifically, my activities in the Erasmus Interuniversity Cooperation Programs included student exchanges and teaching visits for the teaching staff. My activities in Socrates/Erasmus program included mainly student exchanges. A large number of students, about 80, has been moved to and from the TEI of Crete with my own initiatives through the Erasmus program from 1989 up to 2013. Other activities were the claiming of grants from the Erasmus office to visit higher education institutions of the European Union with specific educational goals such as curriculum development for the planned department in "Software Engineering" at TEI of Crete. Programs funded by the Office of Erasmus in which I participated were the following:

1. *Program code ICP-G-2009/11*. Project coordinator of the Interuniversity Cooperation Program (ICP) ICP-G-2009/11 on the subject Informatics - Computer Science between TEI of Crete and 6 institutions from countries of the EU. *Program duration*: 1992-1997 (end of the program). *Coordinator of the ICP* for the academic years 1992-93, 1994-95, 1995-96 and 1996-97 (end of the program).
2. *Program code ICP-UK-1532/11*. Local coordinator of the Interuniversity Cooperation Program ICP-UK-1532/11 on Informatics for the Sciences Department. *Program duration*: 1992-1997 (end of the program). ICP coordinator was the Leeds Metropolitan University.
3. *Program codes ICP-89-G-0040A and ICP-90-G-0022/11*. Local coordinator of the Interuniversity Cooperation Programs ICP-G-0040/11 and ICP-G-0022/11 on the subject

Informatics - Information Technology for the Sciences Department. *Period of work:* 1989- 1991 (end of the program). ICPs coordinator was TEI of Athens.

4. *Program code STV-90-G-3005/I: Erasmus – grants for visits for higher education teaching staff.* The program supported visits to 4 universities in UK with two goals. The first one was the development of a modern curriculum in software engineering for the planned department in Software Engineering at TEI of Crete. The second one was the development of an Interuniversity Cooperation Program (ICP). Both goals were met. The new ICP with code ICP-G-2009/11 involved 6 universities from EU.
5. *Program code STV-91-G-4002: Erasmus – grants for visits for higher education teaching staff.* Teaching visit to the University of the West of England in order to develop cooperation in the area of Artificial Intelligence. I gave a talk to the academic staff of Computer Studies Department on «Software Engineering in Logic Programming». In addition, I gave intensive lectures to lecturers in the course «Artificial Intelligence and Expert Systems» of the Computer Studies Department.

Other Academic Activities

1. I participated in the development of a proposal for the establishment of a new department on “*Applied Informatics and Multimedia*” in the TEI of Crete.
2. Development of a proposal for the establishment of a new department on “*Software Engineering*” in TEI of Crete. The proposal was approved from the General Assembly of TEI of Crete. It was forwarded to the Council of Technological Education and to the Ministry of Education for approval.
3. Academic coordinator of the training seminar "Office Automation of Small and Personal Companies" which was funded by the European Social Fund, September 1992 - December 1992.

Administrative Activities

- Head of the research laboratory "Artificial Intelligence and Systems Engineering." (<http://aise.cs.teicrete.gr/index.php/el/>) of TEI of Crete since 1/3/2016.
- Member of the Steering Committee of the postgraduate program "Information Technology and Multimedia" in the Department of Informatics in the academic years 2012-13, 2013-14 and 2014-15.
- Academic responsible for the computer labs of the former Department of Sciences after its abolishment, i.e. the academic years 2013-14, 2014-15 and 2015-16.
- Elected head of Computer Science Division of Sciences Department of TEI of Crete in the academic years 1992-93, 2002-03, 2008-09, 2009-10, 2011-12 και 2012-13. Acting head of Computer Science Division in the academic years 1990-91 and 2005-06.
- Academic responsible of the Sciences Department for the Erasmus program from 1989 until the abolition of Sciences Department (August 2013).
- Member of several electoral bodies for electing permanent staff for Sciences Department and for other Departments of TEI of Crete as well as for departments for other TEIs. Member of several committees for selecting temporary academic staff for Computer Science Division of Sciences Department.

Honors and Awards

- Digital Equipment of Canada Ltd, award of merit, 1981-82. This award is presented to graduate students for academic excellence.

Memberships in Scientific Societies

- Greek Computer Society.
- The Association for Logic Programming (ALP).
- Hellenic Artificial Intelligence Society (EETN).

Reviewer in International Journals

- Knowledge-Based Systems, Elsevier.

Member of Program Committees in International Conferences

1) The 15th IASTED International Conference on Artificial Intelligence and Soft Computing, ASC 2012, June 25-27, 2012, Napoli, Itali. 2) The 14th IASTED International Conference on Artificial Intelligence and Soft Computing, ASC 2011, June 22-24, 2011, Crete, Greece. 3) The 13th IASTED International Conference on Artificial Intelligence and Soft Computing, ASC 2009, Sept. 7-9, 2009, Palma de Mallorca, Spain. 4) The 12th IASTED International Conference on Artificial Intelligence and Soft Computing, ASC 2008, Sept. 1-3, 2008, Palma de Mallorca, Spain. 5) The 11th IASTED International Conference on Artificial Intelligence and Soft Computing, ASC 2007, August 29-31, 2007, Palma de Mallorca, Spain. 6) The 10th IASTED International Conference on Artificial Intelligence and Soft Computing, ASC 2006, August 28-30, 2006, Palma de Mallorca, Spain. 7) The 9th IASTED International Conference on Artificial Intelligence and Soft Computing, ASC 2005, September 12-14, 2005, Benidorm, Spain.

Reviewer in International Conferences

1) International Workshop on Semantics, Applications and Implementation of Program Generation (SAIG'00), Montreal, Canada, Sept. 19-20, 2000. 2) The 1994 International Symposium on Logic Programming, Santa Margherita Ligure. Symposium proceedings edited by M. Bruynooghe, The MIT Press, ISBN 0-262-52191-1. 3) International Workshop on Logic Program Synthesis and Transformation (LOPSTR'93), Louvain-la-Neuve, Belgium, 7-9 July 1993, Proceedings of LOPSTR'93 edited by Yves Deville, Springer-Verlag, ISBN 3-540-19864-4.

Publications

Dissertations

1. E. Marakakis, *Logic Program Development Based on Typed, Moded Schemata and Data Types*, PhD thesis, University of Bristol, Department of Computer Science, February 1997.

2. E. Marakakis, *Entity Relationship Approach to the Generation of Sentences for Database Queries*, Master of Computer Science, thesis, Concordia University, June 1984.

International Journals Publications

1. E. Marakakis, H. Kondylakis, *Mode Analysis During Program Development*, International Journal on Artificial Intelligence Tools, Vol. 25, No. 2, (2016), 1650001 (40 pages), DOI: [10.1142/S0218213016500019](https://doi.org/10.1142/S0218213016500019), World Scientific, Print ISSN: 0218-2130, Online ISSN: 1793-6349.
2. E. Marakakis, H. Kondylakis, N. Papadakis, *A Knowledge-Based Interactive Verifier for Logic Programs*, International Journal of Knowledge-based and Intelligent Engineering Systems 18 (2014) 143-156, IOS Press, ISSN: 1327-2314.
3. E. Marakakis, N. Papadakis, *Correctness of Logic Programs Using Proof Schemes*, International Journal of Knowledge-based and Intelligent Engineering Systems, 16 (2012), pp.185-198, IOS Press, ISSN: 1327-2314.
4. E. Marakakis, K. Vassilakis, N. Papadakis, *Meta-rules and uncertain reasoning for diagnosis of epilepsy in childhood*, "Expert Systems with Applications", Volume 37, Issue 10, pp. 6979-6985, October 2010, Elsevier, ISSN: 0957-4174.
5. E. Marakakis, K. Vassilakis, N. Papadakis, *A Tool for Removing Unused Argument from Logic Programs Automatically*, "International Journal on Artificial Intelligence Tools (IJAIT)", Volume 19, Issue 01, pp. 39-63, February 2010, World Scientific, ISSN: 0218-2130.
6. E. Marakakis, K. Vassilakis, E. Kalivianakis and S. Micheloyiannis, *An Expert System for Epilepsy with Uncertainty*, *Journal of Artificial Intelligence and Machine Learning*, 2005, Special Issue, topic: *Artificial Intelligent Optimizing Techniques*, ISSN: 1687-4846, online ISSN: 1687-4854, (<http://www.icgst.com/journals/journal.aspx?subid=40>).
7. L. Chung, P. Katalagarianos, M. Marakakis, M. Mertikas, J. Mylopoulos and Y. Vassiliou, *From Information System Requirements to Designs: A Mapping Framework*, *Information Systems*, vol. 16, no. 4, pp. 429-461, 1991, Pergamon Press, ISSN: 0306-4379. (also technical report in the Institute of Computer Science, FORTH, Heraklion, Crete, FORTH/CSI/TR/1989/020, and in the Computer Systems Research Institute of the University of Toronto, Technical Note CSRI-53, November, 1989).

International Conferences Publications

1. E. Marakakis, A. Papakonstantinou, *An Expert System for Differential Diagnosis Based on ICD-10*, Medical Education Informatics (MEI2015), Thessaloniki, June 18-20, 2015
2. E. Marakakis, N. Papadakis, *An Interactive Verifier for Logic Programs*, 13th IASTED International Conference on Artificial Intelligence and Soft Computing, ASC 2009, pages 130-137, Sept. 7-9, 2009, Palma de Mallorca, Spain, ISBN 978-0-88986-809-0.
3. E. Marakakis, C. Kounali, K. Vassilakis, *A Method for Removing Unused Argument from Logic Programs*, *Proceedings of the 10th IASTED International Conference on Artificial Intelligence and Soft Computing, ASC 2006*, pages 197-202, August 28-30, 2006, Palma de Mallorca, Spain, ISBN 0-88986-610-4, ISSN 1482-7913.
4. E. Marakakis, K. Vassilakis, E. Kalivianakis and S. Micheloyiannis, *An Expert System for Epilepsy with Uncertainty*, *Proceedings of the First ICGST International Conference on Artificial Intelligence and Machine Learning, AIML'05*, pages 72-78, 19-20 December, 2005, Cairo, Egypt, ISBN 21968/2005. Αυτό το άρθρο είναι ένα από τα 11 άρθρα (σε σύνολο 26) του

συνεδρίου που επιλέχθησαν για δημοσίευση σε μια ειδική έκδοση του περιοδικού *Journal of Artificial Intelligence and Machine Learning*, 2005, ISSN: 1687-4846, <http://www.icgst.com/aiml/SpecialIssue/index.html>.

5. E. Marakakis, K. Vassilakis, E. Kalivianakis and S. Micheloyiannis, *A Medical Decision Support System with Uncertainty: A Case Study for Epilepsy Classification*, *Proceedings of the 3rd European Medical and Biological Engineering Conference EMBEC'05*, Vol. 11, pages 4223-4228, 20-25 November, 2005, Prague, Czech Republic, ISSN 1727-1983.
6. E. Marakakis, *Guided Correctness Proofs of Logic Programs*, *Proceedings of the IASTED International Conference on Artificial Intelligence and Applications*, as part of the 23rd IASTED International Multi-Conference on Applied Informatics, edited by M.H. Hamza, February 14-16, 2005, Innsbruck, Austria, pp. 668-673, ACTA Press, ISBN 0-88986-457-8, ISSN 1027-2666.
7. E. Marakakis, *Use of Static Analysis During Program Development*, *Proceedings of the Eighth IASTED International Conference on Artificial Intelligence and Soft Computing*, ASC 2004, edited by A.P. del Pobil, September 1-3, 2004, Marbella, Spain, pp. 66-71, ACTA Press, ISBN 0-88986-452-7, ISSN 1482-7913.
8. E. Marakakis, J.P. Gallagher, *Schema-Based Top-Down Design of Logic Programs Using Abstract Data Types*, *Proceedings of Fourth International Workshops on Logic Program Synthesis and Transformation - Meta-Programming in Logic, LOPSTR'94 and META'94*, edited by L. Fribourg and F. Turini, June 1994, Pisa, Italy, pp.138-153, LNCS 883, Springer-Verlag, ISBN 3-540-58792-6. (also Technical Report, CSTR-94-02, Computer Science Department, University of Bristol, March, 1994.)
9. Y. Vassiliou, M. Marakakis, P. Katalagarianos, L. Chung, M. Mertikas and J. Mylopoulos, *IRIS - A Mapping Assistant for Generating Designs from Requirements*, *Proceedings of the 2nd Nordic Conference on Advanced Information Systems Engineering (CAiSE - 90)*, edited by B. Steinholtz, A. Solvber, L. Bergman, Stockholm, May 8-10, 1990, pp. 307-338, LNCS 436, Springer-Verlag, ISBN 3-540-52625-0.
10. DAIDA team (... , Manolis Marakakis, ...), *Towards KBMS for Software Development: An Overview of the DAIDA Project*, *Proceedings of the International Conference on Extending Database Technology, Advances in Database Technology - EDBT'88*, Venice, Italy, March 1988, pp.572-577, LNCS 303, Springer-Verlag, ISBN 3-540-19074-0.
11. M. Mamalaki, M. Marakakis, M. Mertikas, T. Topaloglou and Y. Vassiliou, *On the Development of Information Systems - from Requirements Modelling to System Design -*, *Proceedings of the First European Conference on Information Technology for Organizational Systems, EURINFO'88*, Athens, May 1988, pp.560-567, North-Holland, ISBN 0-444-70427-2. (also technical report in the Institute of the Computer Science, FORTH, Heraklion, Crete, RCC/CSI/TR/1987/006.)
12. Matthias Jarke, DAIDA Team (... ,Manolis Marakakis,...), *The DAIDA Environment for Knowledge-Based Information Systems Development*, *Proceedings of the 5th Annual ESPRIT Conference, Esprit'88, Putting the Technology to Use*, Part 1, 1988, Pages 405-422, North-Holland, Amsterdam, ISBN 0-444-87145-4.

13. T. Radhakrishnan, R. De Mori, E. Marakakis, R. Castillo, *Spoken Responses to Database Queries, Proceedings of the International Conference on Systems Man and Cybernetics*, Dec. 30 1983 - Jan. 7 1984, India, vol. II, pp. 825-829, 1983, IEEE Catalog No. 83CH1962-0, ISBN 0-083-82683-0.

Greek Conferences Publications

1. Ε. Καλυβιανάκης, Ε. Μαρακάκης, Κ. Βασιλάκης, Διάγνωση Επιληψίας με Αβεβαιότητα, *Πρακτικά Ετήσιου Συνεδρίου «Τηλεπικοινωνιών και Πολυμέσων»*, TEMU2005, 23-26 Ιουνίου 2005, Ηράκλειο Κρήτης, σελίδες 212-218, ISBN 960-88785-1-9, TEI Κρήτης, 2005.

Books

1. Manolis Marakakis, *Prolog: Programming in Logic for Artificial Intelligence*, Publisher New Technologies, 2014, ISBN: 978-960-6759-98-7, code in Evdoxos system: 41958366. (in Greek).

Chapters and articles in books

1. Emmanouil Marakakis, Harydimos Kondylakis, Nikos Papadakis, *Knowledge Representation in a Proof Checker for Logic Programs*, chapter 12 in book with title *Knowledge Representation*, ISBN 978-953-51-0597-8, editor Carlos Ramirez Gutierrez, April 2012, publisher InTech - Open Access Publisher, <http://www.intechopen.com/articles/show/title/knowledge-representation-in-a-proof-checker-for-logic-programs>.
2. L. Chung, P. Katalagarianos, M. Marakakis, M. Mertikas, J. Mylopoulos and Y. Vassiliou, *Mapping Information System Requirements to Designs*, chapter 8, pages 243-280 in *Database Application Engineering with DAIDA* edited by M. Jarke, Springer-Verlag, 1993, ISBN 3-540-56291-5.

Technical Reports

1. E. Marakakis, J. P. Gallagher, *Schema-Based Top-Down Design of Logic Programs Using Abstract Data Types*, Technical Report, CSTR-94-02, Computer Science, University of Bristol, March 1994.
2. L. Chung, P. Katalagarianos, M. Marakakis, M. Mertikas, J. Mylopoulos, Y. Vassiliou, *From Information System Requirements to Designs: A Mapping Framework*, Technical Report FORTH/CSI/TR/1989/020, Computer Science Institute, Heraklion, Crete, Foundation of Research and Technology – Hellas. Also, Technical Note, CSRI – 53, Computer Systems Research Institute, University of Toronto, November 1989.
3. Matthias Jarke, DAIDA Team (...Manolis Marakakis,...), *The DAIDA Environment for Knowledge-Based Information Systems Development*, Technical Report MIP-8813, Fakultät Für Mathematics und Informatik, Universität Passau, July 1988.
4. M. Mamalaki, M. Marakakis, M. Mertikas, T. Topaloglou, Y. Vassiliou, *On the Development of Information Systems – From Requirements Modeling to System Designs*, Technical Report, RCC/CSI/TR/1987/006, Computer Science Institute, Research Center of Crete, November 1987.

Posters in International Conferences

1. K. Madi, E. Marakakis, C. Voreadou, T. Manios, G. Markakis, *Application of the Environmental Decision Support System (EDSS) "Streames" to the Running Water Ecosystems of Crete*, ASLO (American Society of Limnology and Oceanography) Summer Meeting, June 19-24 2005, Santiago de Compostela, Spain.
2. E. Marakakis, *Correctness of Logic Programs Constructed by a Schema-Based Method, Logic for Programming and Automated Reasoning, LPAR'99*, Tbilisi, Georgia, September 6-10, 1999.

Invited Talks in International Conferences

1. K. Vassilakis, S. Micheloyannis, E. Marakakis, *Decision support system as a tool to diagnose Epilepsies in children*", 1st European Workshop on the Assessment of Diagnostic Performance (invited speech), Milan, Italy, 7-9 July, 2004.

Course Notes

1. Manolis Marakakis, *Logic Programming*, TEI of Crete, pages 82, Heraklion, October 2015.
2. Manolis Marakakis, *Knowledge Systems*, TEI of Crete, pages 70, Heraklion, October 2015.
3. Manolis Marakakis, *Artificial Intelligence*, TEI of Crete, pages 190, Heraklion, February 2014.
4. Manolis Marakakis, *Introduction to Informatics*, Course Notes for Lab, TEI of Crete, pages 145, Heraklion, September 2013..
5. Manolis Marakakis, *Software Construction, Course Notes for Theory of Programming II*, TEI of Crete, pages 282, Heraklion, September 2008.
6. Manolis Marakakis, *Prolog: Programming for Artificial Intelligence*, TEI of Crete, pages 196, Heraklion, July 2006.
7. Manolis Marakakis, *The Language C*, Course Notes for Lab of Programming, TEI of Crete, pages 106, Heraklion, April 2003.
8. Manolis Marakakis, *Introduction to Computer Science, Course Notes for Theory, of programming I*, TEI of Crete, pages 102, Heraklion, 2000.
9. Manolis Marakakis, *Structured Programming in Pascal, Course Notes for Lab of Programming I and II*, TEI of Crete, pages 149, Heraklion, 1997.
10. Manolis Marakakis, *Software Engineering: The Object-Oriented Model*, TEI of Crete, pages 52, Heraklion, 1991.

Master Thesis supervision

1. Chara Kounali, *Static Mode Analysis During Construction of Logic Programs*, MSc Thesis, February 2014.
2. Anne SIEDLE, *The Design and Implementation of a Hotel Information System for the Front Office of a Typical Seasonal Hotel*, Erasmus student from Teesside University, Computer Science Department, UK, MSc Thesis, August 1990.

Supervision of Undergraduate Students in Major Projects

I have supervised undergraduate students in more than 33 major projects. The 10 most recent ones are the following.

1. Aris Papakonstantinou, *A Knowledge System for Medical Diagnosis in Pathology*, Electrical Engineering Department, TEI of Crete, July 2015.

2. Logan TEMPEZ, “*Integration of Complementary Natural Language Processing Systems*”, Erasmus student from University of La Rochelle, Department of Informatics, June 2011.
3. Jérôme LEJEUNE, «*Extension of the Web Pages of Artificial Intelligence and Software Engineering (AISE) Lab*», Erasmus student from University of La Rochelle, Department of Informatics, June 2009.
4. George Antalis, “*Development of a System which Generates Sentences in Greek Language as Answers from Processing Queries in a Relational Database*”, Department of Applied Informatics and Multimedia, TEI of Crete, March 2008.
5. Konstantinos Varouxis, “*Development of a System which Analyses Queries in Greek Language and Transforms them into Prolog Goals for Processing in a Relational Database*”, Department of Applied Informatics and Multimedia, TEI of Crete, July 2007.
6. Marianna SGOURAKI, *An Interactive System for Proving Theorems by the Method of Induction*, Electrical Engineering Department, TEI of Crete, October 2006.
7. Sylvain BALAT, *Web Site Design and Development for the Artificial Intelligence and Software Engineering Lab*, Erasmus student from University of La Rochelle, Department of Informatics, June 2006.
8. Ioanna FRAGAKI, *Iktinos: A System for Program Construction Based on Program Schemata*, Electrical Engineering Department, TEI of Crete, February 2006
9. Xara KOUNALI, *Improvements of Logic Programs with Transformations*, Department of Applied Informatics and Multimedia, TEI of Crete, September 2005.
10. Julien MONGET, *Development of an Interface for an Environmental Decision Support System for Streams*, Erasmus student from University of La Rochelle, Department of Informatics, June 2005.

Updated in May 2016.