



CURRICULUM VITAE IOANNIS CHAMODRAKAS

EDUCATION

Ph.D. in Computer Science (Magna Cum Laude) 2003–2009

Dissertation Thesis: “Multiple Criteria Decision Making methods in Business-to-Business Electronic Commerce” (Supervisor: Assoc. Prof. D. Martakos)

National and Kapodistrian University of Athens,
Department of Informatics and Telecommunications

M.Sc. Degree in Advanced Information Systems 2000–2003

National and Kapodistrian University of Athens,
Department of Informatics and Telecommunications

Grade: 7.94

B.Sc. Degree 1994–1999

National and Kapodistrian University of Athens,
Department of Physics

Grade: 7.19

TEACHING EXPERIENCE

1. Adjunct Lecturer on “MIS”. Department of Informatics and Telecommunications Postgraduate Program (2011-12).
2. Adjunct Lecturer on “Internet Applications and Bioinformatics” / “Programming Languages and Software Tools in Bioinformatics II” courses. Bioinformatics Postgraduate Programme, National and Kapodistrian University of Athens (2009-10, 2010-11, 2011-12).
3. Teaching Assistant in “Internet Applications” course. Department of Informatics and Telecommunications, National and Kapodistrian University of Athens (2010-11, 2011-12).
4. Teaching Assistant in “Internet Applications and Bioinformatics” / “Programming Languages and Software Tools in Bioinformatics I & II”. Bioinformatics Postgraduate Programme, National and Kapodistrian University of Athens (2003-4, 2004-5, 2005-6, 2006-7, 2007-8).
5. Laboratory Assistant in “Biophysics” / “Computer Applications in Biology”. Department of Biology, National Kapodistrian University of Athens (1997-8).
6. Assistantship on the supervision of undergraduate and postgraduate diploma theses under Assoc. Professor D. Martakos (2003–2012).



JOURNAL ARTICLES

1. Chamodrakas, I. and Martakos, D., "Network Selection in a Virtual Network Operator environment", submitted for publication.
2. Chamodrakas, I. and Martakos, D., "A Utility-based Fuzzy TOPSIS method for Energy Efficient Network Selection in Heterogeneous Wireless Networks", *Applied Soft Computing*, **11**(4), 3734–3743, 2011.
3. Chamodrakas, I., Leftheriotis, I., and Martakos, D., "In-depth analysis and simulation study of an innovative fuzzy approach for ranking alternatives in Multiple Attribute Decision Making problems based on TOPSIS", *Applied Soft Computing*, **11**(1), 900–907, 2011.
4. Chamodrakas, I., Batis, D., and Martakos, D., "A fuzzy decision support system for supplier selection in electronic marketplaces", *Expert Systems with Applications*, **37**(1), 490–498, 2010.
5. Chamodrakas, I., Alexopoulou, N., and Martakos, D., "Customer evaluation for order acceptance using a novel class of fuzzy methods based on TOPSIS", *Expert Systems with Applications*, **36** (4), 7409–7415, 2009.
6. Atlamazoglou V., Thireou T., Hamodrakas Y. and Spyrou G, 'MetaBasis: A Web-Based Database Containing Metadata on Software Tools and Databases in the Field of Bioinformatics', *Applied Bioinformatics*, **5**(3), 187-192, 2006.
7. Chamodrakas I., Kontolemakis G., Kanellis P. and Martakos D., (2006), "Liquid" Electronic Marketplaces. Sixth IFIP conference on e-Commerce, e-Business, and e-Government (I3E 2006), Project E-Society: Building Bricks, October 11-13, 2006, Turku, Finland.
8. Pasquier, C.M., Promponas, V.J., Palaios, G., Hamodrakas, J.S. and Hamodrakas, S.J. 'A novel method for predicting transmembrane segments in proteins based on a statistical analysis of the Swiss Prot database: the PRED-TMR algorithm' , 1999 , *Protein Engineering*, **12** (5), 381-385
9. Promponas, V.J., Palaios, G., Pasquier, C.M., Hamodrakas, J.S. and Hamodrakas S.J. 'CoPreTHi: A Web tool which combines transmembrane protein segment prediction methods', 1999, *In Silico Biology*, No. 3, pp. 1-4

CONFERENCE PAPERS (REFEREED)

1. Alexopoulou, N., Nikolaidou, M., Chamodrakas, Y., Martakos, D., "Enabling On-the-fly Business Process Composition through an Event-based Approach", *Hawaii International Conference on System Sciences 41*, Waikoloa Hawaii, United States, January 7-10, 2008.



2. Zaharias, P., Vassiliou. C., Halamandaris S., Hamodrakas, Y., Martakos, D., "Web Based Testing: Dynamic Construction of Assessments over the Web", ED-MEDIA 2002, Denver Colorado, United States, June 24-29, 2002.
3. Liakopoulos, T.D., Palaios, G., Promponas, V.J., Hamodrakas, J.S., Pasquier, C.M., and Hamodrakas, S.J., "A platform for the computational analysis of the sequence and structure of proteins through the Internet ", 22nd Panhellenic Biological Conference, Skiathos, Hellas, 2000.
4. Pasquier, C.M., Promponas, V.J., Palaios, G., Hamodrakas, J.S. and Hamodrakas, S.J., "PRED-TMR2: A hierarchical neural network to classify proteins as transmembrane and a novel method to predict transmembrane segments", 21st Panhellenic Biological Conference, Syros, Hellas, 1999
5. Palaios, G., Promponas, V.J., Hamodrakas, J.S. and Hamodrakas, S.J., "WINPBM: A molecular graphics and energy calculation software package under Windows-98 for PC's", 21st Panhellenic Biological Conference, Syros, Hellas, 1999.
6. Promponas, V.J., Palaios, G., Pasquier, C.M., Hamodrakas, J.S. and Hamodrakas, S.J., "CoPreTHi: A program to combine the results of transmembrane protein segment prediction methods, freely available through the Internet", 20th Panhellenic Biological Conference, Samos, Hellas, 1998.

CITATIONS

Scopus: 163 citations h-index: 5.

Google Scholar: 228 citations, h-index: 6

Web of Knowledge: 107 citations, h-index: 4

REVIEWER FOR SCIENTIFIC JOURNALS AND CONFERENCES

Applied Soft Computing (Elsevier)

Applied Mathematical Modelling (Elsevier)

Simulation Modelling Practice and Theory (Elsevier)

Hawaiian International Conference on System Sciences (HICSS)

Int. Journal of Uncertainty, Fuzziness and Knowledge-Based Systems (World Scientific)

Operational Research: An International Journal (Springer)

Iranian Journal of Fuzzy Systems