

Curriculum Vitae

PERSONAL DETAILS

First Name:	Efstratios	Address:	Dept. of Informatics
Last Name:	Kontopoulos		Aristotle University of Thessaloniki
Birth Date:	30/05/1980		54124 Thessaloniki, Greece
Birth Place:	Thessaloniki, Greece	e-mail:	skontopo@csd.auth.gr
URL:	http://users.auth.gr/~skontopo/		kont16@yahoo.com

RESEARCH INTERESTS

- Semantic Web
- Ontologies and Rules
- Knowledge Representation and Reasoning
- Non-Monotonic/Defeasible Reasoning
- Intelligent Software Agents
- Information Visualization

EDUCATION

1999 – 2003	BSc in Mathematics, Department of Mathematics, Aristotle University of Thessaloniki
2003 – 2004	MSc (with Distinction) in Computer Studies, Department of Computer Science, University of Essex, UK
2005 – 2010	PhD in Informatics (topic: “ <i>Management of Defeasible Logic Knowledge Bases in the Semantic Web</i> ”), Dept. of Informatics, Aristotle University of Thessaloniki

LANGUAGES

English	Cambridge Certificate of Proficiency in English (CPE)
German	Zentrale Mittelstufenprüfung (ZMP)

TRANSLATIONS

2007	Translation from English into Greek of “ <i>Semantic Web Primer, 2nd Edition</i> ”, by Grigoris Antoniou and Frank van Harmelen, KLEIDARITHMOS PUBLICATIONS LTD
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PARTICIPATION

2007	Participation in the “ <i>Reasoning Web 2007</i> ” Summer School, Technical University of Dresden, 3-7 September 2007 (supported by the European Network of Excellence REVERSE)
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TEACHING EXPERIENCE

- 1/10/07 – 31/12/07 & 6/3/08 – 31/3/08 & 9/4/08 – 31/5/08 & 27/6/08 – 30/6/08 **eLSC (e-Learning Support Center)**
Operational Program for Education and Initial Vocational Training
Hellenic Ministry of National Education and Religious Affairs
URL: <http://kype.auth.gr/>
Position: Teaching instructor (topic: *Databases and MS Access*)

WORK & RESEARCH EXPERIENCE

- 26/11/09 – 24/4/10 **A Semantic Web Architecture for Model based Safety Engineering**
Gnomon Informatics S.A and Ellidiss Technologies, France
European Space Agency, AO/1-5819/08/NL/CB
Position: Research & Development
Technologies/Tools used: Java 2 SE, XML, RDF/S, OWL
- 1/4/07 – 29/2/08 **DR-SWEC: Semantic Web e-Commerce Applications Using Defeasible Reasoning**
Scientific and Technological Cooperation between RTD Organizations in Greece and RTD Organizations in Non-Europe Countries (Australia)
URL: <http://lpis.csd.auth.gr/projects/drswec/>
Position: Research & Development
Technologies/Tools used: XML, RDF/S, OWL
- 1/4/07 – 30/8/07 **An Object-Oriented Knowledge Base System for Reasoning about OWL Ontologies**
Ukraine - Greece: Joint Research and Technology Programs
General Secretariat For Research & Technology
3rd Community Support Framework, Operational Program
«Competitiveness» (EPAN) Measure 4.3, Action 4.3.6.1a
URL: <http://lpis.csd.auth.gr/projects/o-device/>
Position: Research & Development
Technologies/Tools used: XML, RDF/S, OWL
- 1/9/05 – 25/3/07 **OLE: Open Learning Environment**
Greek Ministry of Education
URL: <http://lpis.csd.auth.gr/projects/ole/index.htm>
Position: Research & Development
Technologies/Tools used: Java 2 SE, Java3D, XML
- 1/10/05 – 30/4/06 & 1/2/07 – 31/3/07 **SWEL: Planning Systems in the Semantic Web for E-Learning**
PYTHAGORAS II: Reinforcement of University Research Groups
URL: <http://lpis.csd.auth.gr/projects/swel.html>
Position: Research & Development
Technologies/Tools used: Java 2 SE, XML, RDF/S, OWL
- 1/11/05 – 30/9/07 & 11/11/08 – 30/11/08 & 23/3/09 – 23/6/09 **Joint Postgraduate Course on "Informatics and Management" (JPC IM)**
Position: Technical Support
Technologies/Tools used: MS Access 2003, HTML, Macromedia DreamWeaver

DISTINCTIONS

2008 Scholarship from the research committee of Aristotle University of Thessaloniki, for distinction during the second year of the PhD studentship.

3rd Innovative Business Plan Award at the competition "*Innovative Ideas in Central Macedonia 2008*" organized by Thessaloniki Technology Park / Management & Development Corporation S.A in the framework of the Regional Innovation Pole of Central Macedonia Project.

PUBLICATIONS

2011 E. Kontopoulos, N. Bassiliades, G. Antoniou, "Visualizing Semantic Web Proofs of Defeasible Logic in the DR-DEVICE System", *Knowledge-based Systems*, Elsevier, 24(3), pp. 406-419, 2011

2010 M. Befas, E. Kontopoulos, N. Bassiliades, C. Berberidis, I. Vlahavas, "Deploying a Semantically-Enabled Content Management System in a State University", *Int. Conference on Electronic Government and the Information Systems Perspective (EGOVIS 2010)*, K. N. Andersen et al. (Eds.), Springer, Heidelberg, LNCS 6267, pp. 257-264, 2010

K. Kravari, E. Kontopoulos, N. Bassiliades, "Trusted Reasoning Services for Semantic Web Agents", *Informatica: Int. Journal of Computing and Informatics (conditionally accepted for publication)*, Slovenian Society Informatika, 2010

K. Kravari, E. Kontopoulos, N. Bassiliades, "EMERALD: A Multi-Agent System for Knowledge-based Reasoning Interoperability in the Semantic Web", *6th Hellenic Conference on Artificial Intelligence (SETN 2010)*, Springer Berlin/Heidelberg, LNCS, Vol. 6040/2010, pp. 173-182, Athens, Greece, 4-7 May, 2010

2009 K. Kravari, E. Kontopoulos, N. Bassiliades, "Towards a Knowledge-based Framework for Agents Interacting in the Semantic Web", *2009 IEEE/WIC/ACM Int. Conference on Intelligent Agent Technology (IAT'09)*, Vol. 2, pp. 482-485, Milan, Italy, 15-18 September, 2009

K. Kravari, E. Kontopoulos, N. Bassiliades, "A Trusted Defeasible Reasoning Service for Brokering Agents in the Semantic Web", *3rd Int. Symposium on Intelligent Distributed Computing (IDC 2009)*, Springer Berlin / Heidelberg, Vol. 237, pp. 243-248, Ayia Napa, Cyprus, 13-14 October, 2009

A. Athanassiades, E. Kontopoulos, N. Bassiliades, "Visualizing RDF Documents", *5th IFIP Conference on Artificial Intelligence Applications & Innovations (AIAI 2009)*, Springer, pp. 151-156, Thessaloniki, 2009

E. Kargioti, E. Kontopoulos, N. Bassiliades, "OntoLife: An Ontology for Semantically Managing Personal Information", *5th IFIP Conference on Artificial Intelligence Applications & Innovations (AIAI 2009)*, Springer, pp. 127-134, Thessaloniki, 2009

2008 E. Kontopoulos, N. Bassiliades, G. Governatori, G. Antoniou, "Extending a Defeasible Reasoner with Modal and Deontic Logic Operators", *Workshop on Logics for Intelligent Agents and Multi-Agent Systems (WLIAMAS 2008) at IEEE/WIC/ACM Int. Conference on Web Intelligence and Intelligent Agent Technology*, IEEE Computer Society Press, pp. 626-629, Sydney, Australia, 2008

I. Avguleas, K. Gkirtzou, S. Triantafyllou, A. Bikakis, G. Antoniou, E. Kontopoulos, N. Bassiliades,

- "Visualization of Proofs in Defeasible Logic", *2008 Int. Symposium on Rule Interchange and Applications (RuleML-2008)*, Nick Bassiliades, Guido Governatori, Adrian Paschke (Eds.), Springer, LNCS, Vol. 5321, pp. 197-210, Orlando, Florida, USA, 2008
- E. Kontopoulos, N. Bassiliades, G. Antoniou, A. Seridou, "Visual Modeling of Defeasible Logic Rules with DR-VisMo", *Int. Journal of Artificial Intelligence Tools (IJAIT)*, pp. 903-924, World Scientific, 17(5), 2008
- E. Kontopoulos, N. Bassiliades, G. Antoniou, "Deploying Defeasible Logic Rule Bases for the Semantic Web", *Data & Knowledge Engineering*, Elsevier, 66 (1), pp. 116-146, 2008
- E. Kontopoulos, D. Vrakas, F. Kokkoras, N. Bassiliades, I. Vlahavas, "An Ontology-based Planning System for e-Course Generation", *Expert Systems with Applications*, Elsevier, 35 (1-2), pp. 398-406, 2008
- 2007** E. Kontopoulos, N. Bassiliades, G. Antoniou, "Visual Stratification of Defeasible Logic Rule Bases", *19th IEEE Int. Conference on Tools with Artificial Intelligence (ICTAI)*, IEEE, pp. 238-245, Patras, Greece, 2007
- E. Symeonidis, G. Meditskos, E. Kontopoulos, N. Bassiliades, "A Web Service Reasoner for the Semantic Web", *2nd Annual SEERC Doctoral Student Conference*, Thessaloniki, Greece, 2007
- E. Kontopoulos, N. Bassiliades, G. Antoniou, "A Visualization Algorithm for Defeasible Logic Rule Bases over RDF Data", *1st Int. Conference on Web Reasoning and Rule Systems (RR 2007)*, Springer, LNCS 4524, pp. 367-369, Innsbruck, Austria, 7-8 June, 2007
- E. Kontopoulos, K. Kravari, N. Bassiliades, "Object-Oriented Modelling of RDF Schema Ontologies", *11th Panhellenic Conference on Informatics (PCI 2007)*, pp. 479-489, Patras, Greece, 18-20 May, 2007
- E. Kontopoulos, N. Bassiliades, G. Antoniou, "Visual Development of Defeasible Logic Rules for the Semantic Web", *Visual Languages for Interactive Computing: Definitions and Formalizations*, F. Ferri (Ed.), Idea Group Publishing, pp. 273-301, 2007
- 2006** G. Meditskos, E. Kontopoulos, N. Bassiliades, "Querying and Visualizing the Semantic Web", *1st Annual SEERC Doctoral Student Conference*, Thessaloniki, Greece, 2006
- E. Kontopoulos, N. Bassiliades, G. Antoniou, "Visualizing Defeasible Logic Rules for the Semantic Web", *1st Asian Semantic Web Conference (ASWC'06)*, Beijing, China, 3-7 September, 2006
- E. Kontopoulos, N. Bassiliades, G. Antoniou, "A Non-Monotonic Reasoning System for RDF Metadata", *11th Int. Workshop on Non-Monotonic Reasoning*, pp. 285-293, Lake District area, UK, 30 May - 1 June, 2006
- G. Meditskos, E. Kontopoulos, N. Bassiliades, I. Vlahavas, "ISKP Group Report", *Semantic Web Factbook (Preliminary edition)*, M. Lytras (Ed.), AIS SIGSEMIS and OPEN RESEARCH SOCIETY publications, pp. 33-40, ISSN: 1556-2301, 2006
- E. Kontopoulos, N. Bassiliades, "Graphical Representation of Defeasible Logic Rules using Digraphs", *4th Hellenic Conference on Artificial Intelligence (SETN-06)*, G. Antoniou, G. Potamias, D. Plexousakis, C. Spyropoulos (Eds.), Springer-Verlag, LNAI 3955, pp. 529-533, Heraklion, Crete, 18-20 May, 2006
- 2005** N. Bassiliades, E. Kontopoulos, G. Antoniou, "A Visual Environment for Developing Defeasible Rule Bases for the Semantic Web", *Int. Conference on Rules and Rule Markup Languages for the Semantic Web (RuleML-2005)*, A. Adi, S. Stoutenburg, S. Tabet (Eds.), Springer-Verlag, LNCS

3791, pp. 172-186, Galway, Ireland, 10-12 November, 2005

N. Bassiliades, E. Kontopoulos, G. Antoniou, "VDR-DEVICE: A Visual Editor for a Defeasible Logic Rule-ML-compatible Rule Language", *4th Int. Semantic Web Conference (ISWC2005)*, Demo/Poster Session, E. Curry (Ed.), Galway, Ireland, 6-10 Nov. 2005

N. Bassiliades, E. Kontopoulos, G. Antoniou, I. Vlahavas, "A Graphical Rule Authoring Tool for Defeasible Reasoning in the Semantic Web", *10th Panhellenic Conference on Informatics (PCI 2005)*, P. Bozanis and E.N. Houstis (Eds.), Springer-Verlag, LNCS 3746, Volos, Greece, 11-13 November, 2005