

PERSONAL INFORMATION



Kalliopi Kravari

 Troizinos 2, Ano Toumpa, Thessaloniki, GR-54351

 +30 2310 238023  +30 697 7405248

 kkravari@csd.auth.gr, kkravari@gmail.com

 <http://users.auth.gr/kkravari/>

 skype kalliopi.kravari

Sex Female | Date of birth 22/07/1984 | Nationality Greek

WORK EXPERIENCE

2012 – current**Research Committee Associate**

Alexander Technological Educational Institute of Thessaloniki, Greece

- Key Actions for Student Practice Exercise of ATEITH
- Programming and Development Department

Business or sector Public Institution (University)

2012 – 2014**Research Associate: «K-SWAN: An Interoperable Knowledge-based Framework for Negotiating Semantic Web Agents»****Bilateral R & D Greece-Romania cooperation 2011-2012**

Greek General Secretariat for Research and Development - Aristotle University of Thessaloniki, Greece

- Research and Development

Business or sector Public Institution

2012 – 2013**Teaching Instructor**

Public Institute of Vocational Training in Euosmos, Thessaloniki, Greece

- Teaching informatics

Business or sector Public Institution (Educational Institute)

2012**Research Associate: «Smart International Hellenic University (Smart IHU) project in the field of Information Communication Technologies (ICT) for sustainable growth, energy efficiency and better quality of life»**

International Hellenic University, Thessaloniki, Greece

- Research and Development

Business or sector Public Institution (University)

2011 – 2012**Teaching Assistant**

- Aristotle University of Thessaloniki, Greece
- Undergraduate Course: Artificial Intelligence

Business or sector Public Institution (Educational Institute)

2010 – 2012 Teaching Instructor

National School of Judges, Thessaloniki, Greece

- Teaching informatics

Business or sector Public Institution (Educational Institute)

2010 – 2011 Teaching Assistant

- Aristotle University of Thessaloniki, Greece
- Undergraduate Course: Functional and Logic Programming

Business or sector Public Institution (Educational Institute)

2010 Research Associate: «Knowledge Management at the department of Human resources management: Stage 1. Representation and formalization of critical procedures»

Region of Central Macedonia, Greece (POLITEIA) - Aristotle University of Thessaloniki, Greece

- Research and Development

Business or sector Public Institution

2010 Research Associate: «Development of a RuleML-based multi-agent environment»

RULEML INC - Aristotle University of Thessaloniki, Greece

- Research and Development

Business or sector Scientific not-for-profit organization RuleML Inc based in Canada

2010 Scientific Associate: «Preparation of Teaching Material for the Graduate Programs in ICT and Energy Systems, School of Technology»

International Hellenic University, Thessaloniki, Greece

- Research and Development

Business or sector Public Institution (University)

EDUCATION AND TRAINING

2009-2015 PhD

Department of Informatics, Aristotle University of Thessaloniki, Greece

- Informatics / Artificial Intelligence

2007-2009 MSc

Department of Informatics, Aristotle University of Thessaloniki, Greece

- Informatics / Information Systems

2002-2007 BSc

Department of Informatics, Aristotle University of Thessaloniki, Greece

- Informatics / Information Systems

2012-current MSc

School of Theology, Aristotle University of Thessaloniki, Greece

- Ethics, Sociology and the Study of Religion / Informatics for Theological data

PERSONAL SKILLS

Mother tongue(s) Greek

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Certificate of Proficiency in English (CPE)					
German	B2	B2	B2	B2	B2
Zertifikat Deutsch (ZD)					

Levels: B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Organisational skills Organizational skills, leadership, administrative knowledge and coordination, teaching

Technical skills / Research Interests Artificial Intelligence, Intelligent agents, Semantic Web Technologies, Trust Management, Knowledge Representation and Reasoning, Ontologies and Rules, Object-oriented Programming / Logic Programming / Rule Programming

- Computer skills
- Knowledge Representation and Reasoning : XML, RDF & RDF/S, OWL & OWL2, RuleML, RIF
 - Query languages: SPARQL, SQL
 - Semantic Web / Intelligent Agent Frameworks: Jena / EMERALD, JADE, Jadex, Jack, Jason
 - Rules and Reasoning: weka, Jena Rules, SWRL, JESS, CLIPS, RuleML, / Reaction-RuleML
 - Ontology Development: Protégé, MR³
 - Programming: Java, JavaScript, C/C++, Prolog, HTML, PHP, Matlab
 - Statistics: PASW, PSPP, R

ADDITIONAL INFORMATION

Honors and Awards

Excellence Grants from Aristotle University of Thessaloniki, Greece. (2011)

Best Paper Award for the "A Contract Agreement Policy-Based Workflow Methodology for Agents Interacting in the Semantic Web", paper in RuleML 2010 Conference, Washington, DC, USA. (2010)

Selected among the best 2 papers of RuleML-2011@IJCAI to be presented at IJCAI-2011 for the "Extending a Multi-agent Reasoning Interoperability Framework with Services for the Semantic Web Logic and Proof Layers" paper in the RuleML Europe Conference, Barcelona, Spain. (2011)

Honors from Aristotle University of Thessaloniki, Greece. (2011)

Dissertations

«Graphical Modeling Interface for Ontologies and Metadata in the Semantic Web», BSc Thesis, Department of Informatics, Aristotle University of Thessaloniki, Greece. (2007)

«Multi-agent Transactions supported by Inference Services in the Semantic Web», MSs Thesis, Department of Informatics, Aristotle University of Thessaloniki, Greece, (2009).

«Interoperability and trustworthiness of interaction among Intelligent Agents in the Semantic Web», PhD Thesis, Department of Informatics, Aristotle University of Thessaloniki, Greece, (2015).

Publications

Conferences

- [C1] E. Kontopoulos, K. Kravari, N. Bassiliades, "Object-Oriented Modelling of RDF Schema Ontologies", 11th Pan. Conference on Informatics (PCI 2007), pp. 479-489, Patras, Greece, 18-20 May 2007.
- [C2] K. Kravari, E. Kontopoulos, N. Bassiliades, "Towards a Knowledge-based Framework for Agents Interacting in the Semantic Web", Proc. 2009 IEEE/WIC/ACM International Joint Conference on Web Intelligence and Intelligent Agent Technology (WI-IAT 09), pp. 482-485, Milano, Italy, 15-18 September 2009.
- [C3] K. Kravari, E. Kontopoulos, N. Bassiliades, "A Trusted Defeasible Reasoning Service for Brokering Agents in the Semantic Web", 3rd International Symposium on Intelligent Distributed Computing (IDC 2009), 13-14 October, Springer Berlin / Heidelberg, Vol. 237, pp. 243-248, Ayia Napa, Cyprus, 2009.
- [C4] 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), 4-7 May, Springer Berlin / Heidelberg, LNCS, Vol. 6040/2010, pp. 173-182, Athens, Greece, 2010.
- [C5] K. Kravari, C. Malliarakis, N. Bassiliades, "T-REX: A Hybrid Agent Trust Model Based on Witness Reputation and Personal Experience", 11th International Conference on Electronic Commerce and Web Technologies (EC-Web 2010), 1-3 September, Springer Berlin / Heidelberg, LNBP 61, pp. 107-118, Bilbao, Spain, 2010.
- [C6] K. Kravari, G.-E. Kastori, N. Bassiliades, G. Governatori, "A Contract Agreement Policy-Based Workflow Methodology for Agents Interacting in the Semantic Web", Semantic Web Rules, Proc. 4th International Web Rule Symposium (RuleML 2010), Washington, DC, USA, Oct 21-23 2010, LNCS, Vol. 6403, Springer, pp. 225 - 239, 2010. (Best Paper Award)
- [C7] K. Kravari, T. Osmun, H. Boley and N. Bassiliades, "Cross-Community Interoperation Between the EMERALD and Rule Responder Multi-Agent Systems", 5th International Symposium on Rules: Research Based and Industry Focused (RuleML-2011@IJCAI), 19-21 July 2011, Barcelona, Spain, Co-located with the 22nd International Joint Conference on Artificial Intelligence (IJCAI-2011), RuleML Europe, LNCS, Vol. 6826, Springer, pp. 44-51, 2011.
- [C8] K. Kravari, K. Papatheodorou, G. Antoniou and N. Bassiliades, "Extending a Multi-agent Reasoning Interoperability Framework with Services for the Semantic Web Logic and Proof Layers", 5th International Symposium on Rules: Research Based and Industry Focused (RuleML-2011@IJCAI), 19-21 July 2011, Barcelona, Spain, Co-located with the 22nd International Joint Conference on Artificial Intelligence (IJCAI-2011). Selected among the best 2 papers of RuleML-2011@IJCAI to be presented at IJCAI-2011, RuleML Europe, LNCS, Vol. 6826, Springer, pp. 29-43, 2011.
- [C9] K. Kravari, K. Papatheodorou, G. Antoniou and N. Bassiliades, "Reasoning and Proofing Services for Semantic Web Agents", In proceedings of the 22nd International Joint Conference on Artificial Intelligence (IJCAI-2011), Vol.3, Papers of Sister Conferences Track, AAAI Press, pp. 2662-2667, 2011.
- [C10] K. Kravari, N. Bassiliades, "Advanced Agent Discovery Services", In Proceedings of the 2nd International Conference on Web Intelligence, Mining and Semantics (WIMS '12). ACM, New York, NY, USA, Article 38, pp. 338-349, Craiova, Romania, June 13-15, 2012.
- [C11] K. Kravari, N. Bassiliades, "HARM: A Hybrid Rule-based Agent Reputation Model based on Temporal De-feasible Logic", 6th International Symposium on Rules: Research Based and Industry Focused. Springer Berlin/Heidelberg, LNCS, Vol. 7438, pp. 193-207, 2012.
- [C12] K. Kravari, C. Papavasileiou, N. Bassiliades, "Knowledge-based e-Contract Negotiation among Agents Using Semantic Web Technologies", 5th International Conference on Computational Collective Intelligence Technologies and Applications (ICCCI 2013). Springer Berlin/Heidelberg, LNCS, Vol. 8083, pp. 215-224, 2013.
- [C13] C. Badica, N. Bassiliades, S. Ilie, K. Kravari, "Enabling Agent Reasoning over the Web", 6th Balkan Conference on Informatics (BCI 2013). ACM, New York, NY, USA, 259-266, 2013.
- [C14] K. Kravari, I. Papadopoulos, "A dialogue on science and religious symbols in AUTH", International Conference: Theology and Modern Physics: Man between the mystery of God and the mystery of the Universe, AUTH-CERN, Thessaloniki, 2014.

Book Chapters

- [A1] I. Savvas, N. Bassiliades, K. Kravari, G. Meditskos, "An Ontological Business Process Modeling Approach for Public Administration: The Case of Human Resource Management", Handbook of Research on E-Business Standards and Protocols: Documents, Data and Advanced Web Technologies, Vol. II, Ch. 33, IGI Global, pp. 725-753, 2012.

Journals

- [J1] K. Kravari, E. Kontopoulos, N. Bassiliades, "Trusted Reasoning Services for Semantic Web Agents", *Informatica: International Journal of Computing and Informatics*, Slovenian Society Informatika, 34(4), pp. 429-440, 2010. [Impact Factor (Scopus Analytics): 1.12]
- [J2] K. Kravari, N. Bassiliades, H. Boley, "Cross-Community Interoperation Between Knowledge-Based Multi-Agent Systems: A Study on EMERALD and Rule Responder", *Journal of Expert Systems With Applications*, 39 (10), pp. 9571-9587, 2012. [Impact Factor (JCR): 1.854]
- [J3] K. Kravari, N. Bassiliades, C. Papavasileiou, "Choreographing agent encounters in the Semantic Web using rules", *Journal of Intelligent and Fuzzy Systems*, IOS Press, Vol. 27, No. 2, pp. 625-640, 2014. [Impact Factor (JCR): 0.788]
- [J4] C. Badica, N. Bassiliades, S. Ilie, K. Kravari, "Agent Reasoning on the Web using Web Services", *Journal of Computer Science and Information Systems*, 11 (2), 697-721, 2014. [Impact Factor (JCR): 0.575]
- [J5] K. Kravari, N. Bassiliades, "A Survey of Agent Platforms", *Journal of Artificial Societies and Social Simulation*, 18 (1) 11, 2015. [Impact Factor (JCR): 1.733]