

# CV: Dr. Fotis Kokkoras

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## Studies

- BSc in "Physics", 1995, Physics Department, Aristotle University of Thessaloniki, Greece (4 year study)
- MSc in "Advanced Computing – Artificial Intelligence", 1997, Computer Science Department, University of Bristol, UK. Thesis: "DWMS: A Distributed version of a CLP-based Workforce Management System" supervised by prof. Steve Gregory.
- PhD in "Intelligent Extraction and Retrieval of Information using Conceptual Graphs" supervised by prof. Ioannis Vlahavas, 2006, Dep. of Informatics, Aristotle University of Thessaloniki, Greece.

## Research Interests

WWW, web content extraction, open data, sentiment analysis, web mining, machine learning, artificial intelligence

## Professional and Academic Experience

- **Computer Science and Engineering Dept., TEI of Thessaly, Larissa, Greece:** lecturer (2011-now), teaching "Internet App Development", "Artificial Intelligence", "Machine Learning" and "Special Topics on WWW".
- **Dept. of Information Technology, TEI of Thessaloniki, Greece:** adjunct lecturer (2006-2011), teaching "Intelligent Systems" and "Artificial Intelligence".
- **Dept. of Electrical and Computer Engineering, Univ. of Thessaly:** adjunct lecturer (2007-2009), teaching "WWW technologies", "Logic Programming", "Agent Systems" (Msc) and "Artificial Intelligence II".
- **Dept. of Informatics, Aristotle University of Thessaloniki, Greece:** adjunct lecturer (2006-2010), teaching "C programming & Unix", "Advanced Programming Technics", "Adaptive and Intelligent Tutoring Systems" (MSc)
- Main designer and developer of **DEIXTo** (<http://deixto.com>), a web content extraction suite used word-wide and **fuelGR** (<http://fuelgr.gr>) a family of apps for the Greek fuel marker used by more than 50,000 users.
- 23 publications in peer reviewed journals and conference proceedings.
- Co-author of 2 books on Artificial Intelligence (in Greek) used in many Greek Universities.
- >230 citations, h-index: 9, h-10 index: 9
- Reviewer in 24 conferences (most of them International) and 5 journals.
- Participation in many research and development programs focused on either web technologies or artificial intelligence or both.

## Selected Publications

P. Agathangelou, I. Katakis, I. Koutoulakis, **F. Kokkoras** and D. Gunopulos. "Learning Patterns for Discovering Domain Oriented Opinion Words", Knowledge and Information Systems Journal (Springer), 6, pp.1-33, 2017.

P. Agathangelou, I. Katakis, **F. Kokkoras** and K. Ntonas "Mining Domain-Specific Dictionaries of Opinion Words", In proceedings of the 15<sup>th</sup> International Conference on Web Information System Engineering (WISE 2014), LNCS 8786, pp 47-62, Springer, Thessaloniki, Greece, 12-14 October, 2014

I. Refanidis, C. Emmanouilidis, I. Sakellariou, A. Alexiadis, R. A. Koutsiamanis, K. Agnantis, A. Tasidou, **F. Kokkoras** and P.S.Efraimidis, "myVisitPlannerGR: Personalized Itinerary Planning System for Tourism", In Proc. of the 8<sup>th</sup> Hellenic Conference on Artificial Intelligence (SETN 2014), Eds: A. Likas, K. Blekas and D. Kalles, LNCS 8445, Springer, pp. 615-629, Ioannina, Greece, May 15-17, 2014

**F. Kokkoras**, K. Ntonas, N. Bassiliades. "DEiXTo: A web data extraction suite", in proc. of the 6th Balkan Conference in Informatics (BCI-2013), September 19-21, 2013, Thessaloniki, Greece.

I Vlahavas, P. Kefalas, N. Basiliades, **F. Kokkoras**, E. Sakellariou, "Artificial Intelligence": 3<sup>rd</sup> Edition" (textbook in Greek), University of Macedonia Press, ISBN 978-960-8396-64-7, 2011.

**F. Kokkoras**, E. Lampridou, K. Ntonas, I. Vlahavas, "MOpiS: a Multiple Opinion Summarizer", in Proc. 5<sup>th</sup> Hellenic Conference on Artificial Intelligence, J. Darzentas et al. (Eds.) SETN 2008, Springer-Verlag Berlin Heidelberg, LNAI 5138, pp.110–122, Syros, October 2-4, 2008.

**F. Kokkoras**, E. Lampridou, K. Ntonas, I. Vlahavas, "Summarization of Multiple, Metadata Rich, Product Reviews", in Proc. Workshop on Mining Social Data (MSoDa), 18<sup>th</sup> European Conference on Artificial Intelligence (ECAI '08), July 20, 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, Vol. 35 (1-2), pp. 398-406, 2008.

**F. Kokkoras**, N. Bassiliades, I. Vlahavas, "Cooperative CG-Wrappers for Web Content Extraction", in Proc. 15<sup>th</sup> International Conference on Conceptual Structures (ICCS '07), U. Priss, S. Polovina, and R. Hill (Eds.), Springer-Verlag Berlin Heidelberg, LNAI 4604, pp. 476-479, Sheffield, UK, 2007.

**F. Kokkoras**, N. Bassiliades, I. Vlahavas, "*Aggregator: A Knowledge based Comparison Chart Builder for e-Shopping*", Intelligent Knowledge-Based Systems: Business and Technology in the New Millennium, C.T. Leondes (Ed.), Kluwer Academic Publishers, Vol. 1: Knowledge-Based Systems, Ch. 6, CRC Press, 2004.