



Academic Personnel Short Profile / Short CV

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| University: | Aristotle University of Thessaloniki |
| Surname: | Tsadiras |
| Name: | Athanasios |
| Rank: | Associate Professor |
| Faculty: | Economic and Political Sciences |
| Department: | Economic Sciences |
| Scientific Domain: * | Management Information Systems |

** Field of Specialization*

Academic qualifications (list by highest qualification)

| Qualification | Year | Awarding Institution | Department | Thesis title |
|--------------------------|------|--------------------------------------|---------------------|---|
| Postdoctoral | 2002 | University of Macedonia | Applied Informatics | Development of Intelligent Techniques for Decision Making, Forecasting, Strategic Planning and their application in Decision Making Support Systems |
| PhD | 1997 | University of Macedonia | Applied Informatics | "Artificial Intelligence" - (Fuzzy Cognitive Maps and Certainty Neurons) |
| Master degree | 1992 | University of Aberdeen, Scotland | Computer Science | Master in Applied Artificial Intelligence, with Distinction Degree |
| Bachelor Degree (Ptyxio) | 1991 | Aristotle University of Thessaloniki | Physics | Degree: 8.50/10 - "Excellent" |

Employment history – List by the three (3) most recent

| Period of employment | | Employer | Location | Position |
|----------------------|--------|---|----------------------|---------------------------------|
| From | To | | | |
| 9/2009 | Σήμερα | Department of Economics, Aristotle University of Thessaloniki | Thessaloniki, Greece | Associate Professor |
| 3/2005 | 9/2009 | Department of Informatics ATEI Thessaloniki (today International University of Greece) | Thessaloniki, Greece | Assistant Professor |
| 1999 | 2005 | Aristotle University of Thessaloniki | Thessaloniki, Greece | Teaching Staff (on contract) |

Key refereed journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)

| Ref. Number | Year | Title | Other authors | Journal and Publisher / Conference | Vol. | Pages |
|-------------|------|--|---|--|------|-------------|
| 1 | 2021 | Using Machine Learning Methods to Predict Subscriber Churn of a Web-based Drug Information Platform | Theodoridis G. | 17th International Conference on Artificial Intelligence Applications and Innovations - AIAI 2021 | 1 | 581- 593 |
| 2 | 2020 | On the empirical performance of some new neural network methods for forecasting intermittent demand | Babai M. Z., Tsadiras A., Papadopoulos C | IMA Journal of Management Mathematics, Oxford University Press | 31 | 281– 305 |
| 3 | 2019 | An Experimental Study on Social Media Advertising for Charity | Nerantzidou M. | International Journal of Economics and Business Administration | 7 | 403- 416 |

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|----|------|---|---------------------------------|--|-----|-----------|
| 4 | 2018 | Combining Community-Based Knowledge with Association Rule Mining to Alleviate the Cold Start Problem in Context-Aware Recommender Systems | Viktoratos I.,Bassiliades N. | Expert Systems with Applications | 101 | 78-90 |
| 5 | 2017 | Modeling Human Daily Preferences through a Context-Aware Web-Mapping System Using Semantic Technologies | Viktoratos I.,Bassiliades N. | Pervasive and Mobile Computing | 38 | 14-40 |
| 6 | 2013 | An Artificial Neural Network based Decision Support System for Solving the Buffer Allocation Problem in Reliable Production Lines | Papadopoulos C.T, O'Kelly M.E.J | Computers & Industrial Engineering | 66 | 1150-1162 |
| 7 | 2013 | A DSS for the Buffer Allocation of Production Lines based on a Comparative Evaluation of a set of Search Algorithms | Papadopoulos C.T, O'Kelly M.E.J | International Journal of Production Research | 51 | 4175-4199 |
| 8 | 2008 | Comparing the Inference Capabilities of Binary, Trivalent and Sigmoid Fuzzy Cognitive Maps | - | Information Sciences | 178 | 3880-3894 |
| 9 | 1999 | An Experimental Study of Dynamics of the Certainty Neuron Fuzzy Cognitive Maps | Margaritis K.G. | NeuroComputing | 24 | 95-116 |
| 10 | 1998 | The MYCIN Certainty Factor Handling Function as Uninorm Operator and its Use as Threshold Function in Artificial Neurons” | Margaritis K.G. | Fuzzy Sets and Systems | 93 | 263-274 |

**Exhibitions (where applicable). List the five (5) more recent and other five (5) selected.
(max total 10)**

| Ref. Number | Date | Topic | International / Local | Location* | Role in Exhibition |
|-------------|------|-------|-----------------------|-----------|--------------------|
| 1 | | | | | |

**Specify venue, geographic location etc*

**Research Projects. List the five (5) more recent and other five (5) selected
(max total 10)**

| Ref. Number | Date | Title | Funded by | Project Role* |
|-------------|-----------|--|---|-----------------------------|
| 1 | 2020-2021 | Plan of Transfer of Knowledge through Data Mining Techniques and Machine Learning in the online platform of scientific medical information "Galinos" | Region of Central Macedonia | Scientific Coordinator |
| 2 | 2018-2019 | Spare parts demand forecast and inventory management of Air Astana airline | Air Astana airline | Scientific Coordinator |
| 3 | 2012-2015 | Supply and Production Systems Analysis (SEP): An Integrated Approach | ESPA (ΕΣΠΑ) | Researcher, Project Manager |
| 4 | 2013-2015 | Midas - Competitiveness & Entrepreneurship | ESPA (ΕΣΠΑ) | Researcher |
| 5 | 2012 | Data Mining on Retail Data | Research Committee AUTH | Scientific Coordinator |
| 6 | 2003-2004 | Development and Implementation of Eco-Management and Audit Scheme (EMAS) in Educational Institute (EMAS-EDIN) | LIFE European Program | Researcher |
| 7 | 2002-2003 | Towards a Model for a European Networked University for e-learning (MENU) | European Program EDU-ELEARN (E-Learning Initiative) | Researcher |

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|----|-----------|---|----------------|------------|
| 8 | 2001-2003 | EDUNet - Panhellenic Network for Education | EPEAEK program | Researcher |
| 9 | 2000-2001 | Odyssey: Project E42 - Training of Trainers in New Network and Computer Systems | EPEAEK Program | Researcher |
| 10 | 1999 | GUNet - Network Access and Services for Education (Academic Internet) | EPEAEK Program | Researcher |

**Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*

| Consulting Services and/or Participation in Councils / Boards/ Editorial Committees. List the five (5) more recent | | | | |
|---|---------------|---|--|--|
| Ref. Number | Period | Organization | Title of Position or Service | Key Activities |
| 1 | 2019-Today | Aristotle University of Thessaloniki | Member of the Digital Governance Committee of the Aristotle University of Thessaloniki | Supervision of the e-Government Center of Aristotle University of Thessaloniki |
| 2 | 2019-Today | ITA - Greek Institute of Local Government | Member of the Scientific Council of the Institute of Local Government | Preparation and review of ITA Research & Studies |

| Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected. (max total 10) | | | |
|---|-------------|---|---|
| Ref. Number | Date | Title | Awarded by: |
| 1 | 2014 | Application "Geosocial SPLIS: A Rule-Based Service for context-aware point of interest exploration" won the 2nd place in the Competition for Best Application "RuleML2014 @ ECAI Challenge" | International Conference "8th International Rule Challenge at RuleML 2014, co-located with the 21st European Conference on Artificial Intelligence (ECAI 2014), Prague, Czech Republic, 2014. |

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|---|------|---|--|
| 2 | 2012 | Application "PLIS +: A Rule-Based Personalized Location Information System" won the 1st place in the Competition for the Best Application "RuleML2012 @ ECAI Challenge" | International conference "6th International Rule Symposium (RuleML2012 @ ECAI)", Montpellier, France |
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**Other Achievements. List the five (5) more recent and other five (5) selected.
(max total 10)**

| Ref. Number | Date | Title | Key Activities: |
|-------------|-----------|--|-------------------|
| 1 | 2000-2002 | Postdoctoral Research Scholarship of the Foundation of State Scholarships - IKY (after a crisis procedure based on a proposal of research activity and CV), in the field "Mathematics - Informatics" | Research |
| 2 | 1993-1997 | PhD Scholarship of the Greek National Scholarship Foundation (IKY), lasting 3.5 years. | Research |
| 3 | 1991-1992 | Master's degree Scholarship through the European Social Funds Program of European Union. | Studies, Research |
| 4 | 1987-1991 | Intermediate Scholarships of the Greek National Scholarship Foundation (IKY) to the best students of the Department of Physics | Studies |