Ioannis Katakis

Full Curriculum Vitae

(Compiled:November 29, 2017)

Short Bio

Dr Ioannis Katakis is a Faculty Member at the University of Nicosia. Born and raised in Thessaloniki, Greece, studied Computer Science and holds a PhD in Machine Learning for Text Classification. After his post-graduate studies, he served various universities as a lecturer and a senior researcher (Aristotle University of Thessaloniki, University of Cyprus, Cyprus University of Technology, Open University of Cyprus, Hellenic Open University, Athens University of Economics and Business, National and Kapodistrian University of Athens). His research interests include Mining Social, Web and Urban Data, Sentiment Analysis and Opinion Mining, Data Streams, Multi-label Learning. He has extensive experience in European Projects (www.vavel-project.eu, www.insight-ict.eu) where he participated as Quality Assurance Coordinator and Senior Researcher. He has published papers in International Conferences and Scientific Journals related to his areas of expertise (e.g. CIKM, ECML/PKDD, IEEE TKDE, ECAI), organized three workshops (at ICML, ECML/PKDD, EDBT/ICDT), edited four special issues (DAMI, InfSys) and is an Editor at the journal Information Systems. His research has been cited more than 4200 times in the literature. He regularly serves the programme committee of conferences (ECML/PKDD, WSDM, DEBS, IJCAI) and evaluates articles in numerous journals (TPAMI, DMKD, TKDE, TKDD, JMLR, TWEB, ML). More information can be found at his personal web page: http://www.katakis.eu

Personal Information

Full Name	Ioannis Georgiou Katakis
Place of Birth	Thessaloniki, Greece
Military Oblig	Fulfilled, Special Scientist, November 2009 - July 2010

Contact

E-Mail	ioannis.katakis@gmail.com
Web Page	www.katakis.eu

Social Web

G Scholar	http://goo.gl/5Dn0Kf
DBLP Record	http://goo.gl/QRqM20
LinkedIn	http://gr.linkedin.com/in/katak/
Twitter	https://twitter.com/iokat

Highlights - At a Glance

Research Interests	Data Mining, Machine Learning, Web Mining, Big Urban Data, Mining Social Networks, Data Stream Mining, Multi-Label Learning, Sentiment Analysis.
Education	PhD in Machine Learning for Automated Text Classification, Aristotle University.
Publications	47 published articles (journals, conferences, edited volumes, theses, editorials)(e.g. ECML/PKDD, ECAI, TKDE, KAIS).
Citations	Google Scholar reports 4220 citations with h-index=17
Work Experience	Worked as a Senior Researcher, Project Manager and Lecturer in 8 Universities in Greece and Cyprus
Research Projects	Quality Assurance Coordinator and Senior Researcher in EU Funded Projects related to Urban Big Data (www.vavel-project.eu, www.insight-ict.eu). Author and coordinator of project proposals (FP7, H2020).
Innovation Entrepreneurship	Co-Inventor of DidaxTo and Niosto: Tools for Domain Specific Extraction of Opinion Words (www.deixto.com/didaxto) || Scientific Advisor of SentiGeek, a Sentiment Analysis Start-up (www.sentigeek.com)
Teaching Experience	Taught 4 Master Courses and 8 BSc courses as Principal Instructor (mainly Data Mining, Artificial Intelligence, Social Network Analysis). Extensive Experience in Distance Learning.
Students	Supervised or Co-Supervised 17 Theses, mostly MSc Dissertations.
Editor	Area Editor at Information Systems, Elsevier. Guest Editor in 4 Special Issues (journals: Data Mining & Knowledge Discovery, Information Systems, Neurocomputing).
Chair	Demo and Posters Chair, DEBS 2016, Mining Urban Data Workhops 1 (EDBT) & 2 (ICML), COPEM (ensemble methods) at ECML/PKDD 2013.
PC	Served as a PC member in 32 conferences (ECML/PKDD, IJCAI, DEBS).
Reviewer	Contributed reviews of more than 60 articles for 28 journals (ACM TPAMI, Springer DMKD, ACM Comp Surveys, IEEE TKDE, ACM TWEB, AAAI JAIR, ACM TKDD, Springer MLJ, MIT JMLR). External Reviewer at 15 conferences.

Work Experience

2017-Now **Faculty Member**, *University of Nicosia, Department of Computer Science*, Duration: 1 Semester, Research: Social and Web Mining, Mining Urban Data, Teaching: Data Mining, Programming Principles

2013-Now **Senior Researcher, Project Manager**, *National and Kapodistrian University of Athens, Department of Informatics and Telecommunications*, Duration: 6 Semesters, Research: Social and Web Mining, Mining Urban Data, Projects: Quality Assurance Coordinator of 2 EU projects (FP7 and H2020) dealing with Urban Data

2015-2016 **Senior Researcher**, *Athens University of Economics and Business, Department of Informatics*, Duration: 1 Semester, Research: NGHCS - Creating the Next-Generation Mobile Human-Centered Systems, Influence Maximization in Social Networks

2014-2015 **Adjunct Faculty**, *Hellenic Open University, School of Science and Technology*, Duration: 1 Semester, Teaching: Supervising Master Theses, Research: Learning from Educational Data

2012-2016 **Adjunct Faculty**, *Open University of Cyprus, Faculty of Pure and Applied Sciences*, Duration: 4 Semesters, Teaching: i) Intelligent Systems, ii) Data Mining, iii) Web and Social Media Analysis, Research: Knowledge Discovery from Opinion Data

2012-2013 **Senior Researcher**, *Cyprus University of Technology, Department of Communication and Internet Studies*, Duration: 2 Semesters, Teaching: i) Artificial Intelligence, ii) Information and Knowledge Management, Research: Social Recommendations in Voting Advice Applications

2011-2012 **Visiting Lecturer**, *University of Cyprus, Department of Computer Science*, Duration: 3 Semesters, Teaching: i) Machine Learning and Data Mining, ii) Programming for Problem Solving, iii) Programming for Engineers, iv) Introduction to Computer Science, Research: Data Mining on Software Resources

2009-2010 **Adjunct Lecturer**, *Aristotle University of Thessaloniki, Department of Informatics*, Duration: 1 Semester, Teaching: i) Basic Programming Principles, ii) Object Oriented Programming, Research: Multi-Label Learning

Education

2005-2009 **PhD**, *Machine Learning for Automated Text Classification*, Aristotle University of Thessaloniki, Department of Informatics
Supervisor: Ioannis Vlahavas

2005-2007 **MSc**, *Information Systems*, Aristotle University of Thessaloniki, Department of Informatics, Thesis Title: "A Scientific Article Recommendation System using Association Rules and Collaborative Filtering"
Supervisor: Nick Bassiliades

2000-2004 **BSc**, *Computer Science*, Aristotle University of Thessaloniki, Department of Informatics, Thesis Title: "Multiple Classifier Systems"
Supervisor: Ioannis Vlahavas

Grants, Funding and Fellowships

2015 European Comission, H2020, Title: VaVeL: Variety, Veracity, VaLue: Handling the Multiplicity of Urban Sensors, Budget: 4M Euros, Role: Main Organizer and Co-Author of the Proposal. Principal Investigator: Dimitrios Gunopulos - `www.vavel-project.eu`

2013 ERCIM Alain Bensoussan Fellowship, Post-Doc Fellowship, European Commission (awarded the fellowship but didn't enroll with the program)

2008 Scholarship by the Hellenic Artificial Intelligence for presenting paper at the "European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases, 15 - 19 September 2008, Antwerp, Belgium (ECML/PKDD 2008)" and "18th European Conference on Artificial Intelligence", Patras, Greece, 21-25 July, 2008 (ECAI 2008)

Awards

2008 3rd Innovative Business Plan Award at the competition "Innovative Ideas in Central Macedonia", organized by Thessaloniki Technology Park

2008 3d place at the Automated Tag Suggestion in Social Networks Discovery Challenge, European Conference on Machine Learning (ECML/PKDD)

Research Interests

- **Data Mining**
- Web and Text Mining
- Mining Social Networks
- Data Stream Mining
- Sentiment Analysis

- **Machine Learning**
- Learning from Urban Data
- User Adaptation
- Multi-Label Learning
- User Personalization

Research Projects Experience

2016-Now   **Quality Assurance Coordinator, Work Package Leader**, VaVeL: Variety, Veracity, VaLue: Handling the Multiplicity of Urban Sensors, EU H2020 Project
www.vavel-project.eu

2016   **Senior Researcher**, NGHCS - Creating the Next-Generation Mobile Human-Centered Systems, ERC Grant, European Commission
http://www.cs.aueb.gr/~vana/NGHCS/

2013-2015   **Quality Assurance Coordinator, Work Package Leader**, INSIGHT: Intelligent Synthesis and Real-Time Response Using Massive Streaming of Heterogeneous Data, EU FP7 Project
www.insight-ict.eu

2012-2013   **Post-Doc Researcher**, Choose4Greece & Choose4Cyprus - Voting Advice Applications
www.preferencematcher.org, www.choose4gree.org, www.choose4cyprus.org

2009   **Researcher**, Multi-label Classification in Domains with Large Number of Labels, German Academic Exchange Service and Greek State Scholarship Foundation (IKYDA)

2005-2008   **Researcher**, Development of an Intelligent System for the management of Semantic Web Services, Greek R&D Secretariat

Academic Administrative Experience

2017-Now   **Co-Founder and Co-Director**, *Artificial Intelligence Laboratory*, Computer Science Department, University of Nicosia, http://ailab.unic.ac.cy

2017   **Coordinator of the Evaluation Committee**, *Logipaignion - 10th Annual Game Development Competition*, University of Nicosia, http://logipaignion.org.cy/

2017-Now   **Quality Assurance Coordinator**, Department of Computer Science, University of Nicosia

Teaching Experience

MSc Courses (Principal Instructor)

TM4. "Web and Social Media Analytics", Open University of Cyprus, 1 Semester (2016)

TM3. "Data Mining", Open University of Cyprus, 1 Semester (2015)

TM2. "Intelligent Systems", Open University of Cyprus, 2 semesters (2013-2014)

TM1. "Data Mining and Machine Learning", University of Cyprus, 1 Semester (2011)

BSc Courses (Principal Instructor)

TB10. "Data Mining", department of Computer Science, University of Nicosia, 1 Semester (Fall 2017-2018)

TB9. "Programming Principles 2", department of Computer Science, University of Nicosia, 1 Semester (Fall 2017-2018)

TB8. "Artificial Intelligence", department of Communication and Internet Studies, Cyprus University of Technology, 1 Semester (2013)

TB7. "Information and Knowledge Management", department of Communication and Internet Studies, Cyprus University of Technology, 1 Semester (2012)

TB6. "Artificial Intelligence", department of Computer Science, University of Cyprus, 1 Semester (2012). Students of this course participated in the AAAI, Artificial Intelligence Video Competition and qualified to the finals: http://www.aaaivideos.org/2012/

TB5. "Introduction to Programming for Engineers", department of Computer Science, University of Cyprus, 1 Semester (2012)

TB4. "Programming Methods for Problem Solving", department of Computer Science, University of Cyprus, 2 Semesters (2011, 2012)

TB3. "Introduction to Computer Science", department of Computer Science, University of Cyprus, as a visiting Lecturer, 1 Semester (2011)

TB2. "Basic Programming Principles", department of Informatics, Aristotle University of Thessaloniki, Responsible for the laboratory-part of the course, 1 Semester (2010)

TB1. "Object Oriented Programming", department of informatics, Aristotle university, Responsible for the laboratory-part of the course, 1 Semester (2010)

Other Courses (Principal Instructor)

TO1. "Electronic Presentations in Teaching", to academic staff of Aristotle University of Thessaloniki, 2 Semesters (2007,2008)

PhD Students

PS1. Pantelis Agathangelou, "Mining User Generated Content", University of Nicosia, 2017-Now

Theses Supervision

TS8. Grigorios Kokozidis, "Opinion Linking", BSc thesis, University of Nicosia, 2018

TS7. Andreas Kalogeropoulos, "Statistical Analysis of the Dacus Database of the Greek National Project Against the Olive Fruit Fly", MSc Thesis, Open University of Cyprus, 2016

TS6. Vaios Sintsirmas, "A Hybrid Multi-Criteria Recommendation System for News Articles", Open University of Cyprus, 2016

TS5. Sakkalis Konstantinos, "Learning from Educational Data", MSc Thesis, Hellenic Open University, 2014

TS4. Nicolas Hadjinicolaou, "Online Algorithms for Social Recommendations in Voting Advice Applications", MSc Thesis, Open University of Cyprus, 2014

TS3. Theodora Koutsou, "Sentiment Analysis for Political Figures in Micro-Blogs", MSc Thesis, Open University of Cyprus, 2013

TS2. Pandelis Agathangellou, "Mining Domain-Specific Lexicons of Opinion Words", MSc Thesis, Open University of Cyprus, 2012

TS1. Vassiliki Marinou, "A Comparison Study of Open Source Text Mining Software", MSc Thesis, Open University of Cyprus, 2012

Theses Co-Supervision

TC11. Theodosis Theodosiou, "Assessment of Wavelet Functions for Privacy Preserving Record Linkage", MSc Thesis, Hellenic Open University, (Main Supervisor: Professor Vassilios Verykios), 2016

TC10. Maria Tantoula, "Building Student Models for Personalized Learning", MSc Thesis, Hellenic Open University, (Main Supervisor: Professor Vassilios Verykios), 2015

TC9. Ioannis Koutoulakis, "Learning Patterns for Extracting Domain Specific Opinion Words", BSc Thesis, National and Kapodistrian University of Athens, (Main Supervisor: Professor Dimitrios Gunopulos), 2015

TC8. Charalambos Charalambous, "An Analysis of the Tagging Assignments in the Google Code Repository", BSc Thesis, Computer Science department, University of Cyprus, (Main Supervisor: Lecturer George Pallis), 2012

TC7. Onisiforos Onoufriou, "Intelligent Retrieval of Software Resources in Cloud Infastructures", BSc Thesis, Computer Science department, University of Cyprus, (Main Supervisor: Lecturer George Pallis), 2012

TC6. Dimitris Savva, "User Context Extraction", BSc Thesis, Computer Science department, University of Cyprus, (Main Supervisor: Professor Marios D. Dikaiakos), 2011

TC5. Eleni Siona, "Extension of Recommendation System", Department of Informatics, BSc Thesis, Aristotle University, (Main Supervisor: Professor Ioannis Vlahavas), 2010

TC4. Georgios Fesalidis, "A Recommendation System for Scientific Articles", BSc Thesis, Department of Informatics, Aristotle University, (Main Supervisor: Lecturer Grigorios Tsoumakas), 2009

TC3. Sophia Maleza, "Development of an Email Classifier", BSc Thesis, Department of Informatics, Aristotle University (Main Supervisor: Professor Ioannis Vlahavas), 2007

TC2. Georgia Avramidi, "Development and Training of a Hierarchy of Classifiers for Text Categorization", BSc Thesis, Department of Informatics, Aristotle University (Main Supervisor: Professor Ioannis Vlahavas)

TC1. Evangelos Banos, "A Personalized System for Reading News and Scientific Articles from the World Wide Web", MSC Thesis, Department of Informatics, Aristotle University (Main Supervisor: Associate Professor, Nick Bassiliades), 2006

Scientific Service and Contribution

Editor in International Journals

ED1. Information Systems, Elsevier, **Area Editor** in Mining Social and Urban Data (2016 - today, handled **10** papers so far)

Conference/Workshop Organizer or Chair

CH4. DEBS 2016, Distributed Event Based Systems, 2016, Irvine, CA, June 20 - June 25, 2016. *(Demo & Posters Chair)* with Nesime Tatbul (MIT).

CH3. MUD 2, 2nd International Workshop on Mining Urban Data, co-located with International Conference on Machine Learning (ICML 2015), 06-11 July 2015, Lille, France. *(Main Organizer)* with François Schnitzler (Technion), Thomas Liebig (TU Dortmund University), Gennady Andrienko (Fraunhofer IAIS and City University London), Dimitrios Gunopulos (National and Kapodistrian University of Athens), Katharina Morik (TU Dortmund University) Shie Mannor (Technion).

CH2. MUD, Mining Urban Data workshop at EDBT/ICDT 2014 (International Conference on Extending Database Technology, International Conference on Database Theory), Athens, March 24-28, 2014.*(Main Organizer)* with Gennady Andrienko, (Fraunhofer IAIS and City University London), Dimitrios Gunopulos (National and Kapodistrian University of Athens), Vana Kalogeraki (Athens University of Economics and Business), Pedro Jose Marron (Universitat Duisburg-Essen), Katharina Morik (TU Dortmund University) and Olivier Verscheure (IBM Research).

CH1. COPEM 2013, Solving Complex Machine Learning Problems with Ensemble Methods workshop at ECML/PKDD 2013 (European Conference on Machine Learning Principles and Practice of Knowledge Discovery in Data Bases. *(Main Organizer)*, with Daniel Hernández-Lobato (Universidad Autónoma de Madrid), Gonzalo Martínez-Muñoz (Universidad Autónoma de Madrid), Ioannis Partalas (University of Grenoble).

Guest Editor in Scientific Journals

GE4. Mining Actionable Insights from Social Networks, Special Issue in Information Systems, Elsevier. With Ebrahim Bagheri (Ryerson University), Faezeh Ensan (Ferdowsi University of Mashhad) and Zeinab Noorian (Ryerson University)

GE3. Data Mining for Smart Cities, Special Issue in Data Mining and Knowledge Discovery Journal, Springer. With Katharina Morik (TU Dortmund), Marta Gonzalez (MIT), Fosca Ganniotti (ISTI-CNR).

GE2. Mining Urban Data, Special Issue in Journal of Information Systems, 2015-2016. I was the Managing Guest Editor for this Special Issue, handling 44 submissions.

GE1. Solving Complex Machine Learning Problems with Ensemble Methods, Special Issue in Elsevier Neurocomputing Jounal, 2014

Evaluator in Research Project Proposals (Fund Requests)

RP1. National Science Center, Poland, 2015

Program Committee Memberships

PC36. IJCAI 2018, the 27th International Joint Conference on Artificial Intelligence and the 23rd European Conference on Artificial Intelligence, Stockholm, Sweden, July 13-19, 2018.

PC35. ODBASE 2017, The 16th International Conference on Ontologies, Databases, and Applications of Semantics, 24-25 October 2017, Rhodes, Greece.

PC34. ACML 2017, Asian Conference on Machine Learning 2017, Nov 15, 2017 - Nov 17, 2017, Seoul, Korea

PC33. CAp 2017, Conference sur l'Apprentissage Automatique (the annual meeting of the francophone Machine Learning community), Grenoble, France, 28-30 June, 2017.

PC32. INSCI 2017, 4th International Conference on Internet Science, 8-10 November, 2017, Thessaloniki, Greece

PC31. IJCAI 2016, International Joint Conference on Artificial Intelligence, Melbourne, August 19-25, 2017.

PC30. ECML PKDD 2016, European Conference on Machine Learning and Principles and Practice of Knowledge Discovery, Riva del Garda, Italy, September 19-23, 2016.

PC29. The Second International Workshop on Machine Learning, Optimization and Big Data, MOD 2016, An Interdisciplinary Workshop: Machine Learning, Optimization and Data Science without Borders, August 26-29, 2016 Volterra, Tuscany, Italy.

PC28. IEEE DSAA' 2015, International Conference on Data Science and Advanced Analytics, 19-21 October 2015, Paris.

PC27. SETN 2016, 9th Hellenic Conference on Artificial Intelligence, May 18-20, 2016, Thessaloniki, Greece.

PC26. FEDCSIS 2015, Federated Conference on Computer Science and Information Systems, Lodz, Poland, September 13-16, 2015

PC25. IJCAI 2015, International Joint Conference on Artificial Intelligence, Buenos Aires, 2015.

PC24. ECML PKDD 2015, European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases, 2015, Porto, Portogual

PC23. International Workshop on Machine Learning, Optimization and Big Data, MOD 2015, An Interdisciplinary Workshop: Machine Learning, Optimization and Data Science without Borders, July 21-24, 2015 Taormina - Sicily, Italy

PC22. 15th International Conference on Web Information System Engineering (WISE 2014), Thessaloniki, Greece, 12-14, October 2014.

PC21. 18th East-European Conference on Advances in Databases and Information Systems (ADBIS 2014) (PhD Track), Ohrid, September 7-10, 2014

PC20. Federated Conference on Computer Science and Information Systems, Warsaw, Poland, 7-10, September, 2014.

PC19. The European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases, ECML/PKDD 2014, September 15-19, 2014, Nancy, France.

PC18. 8th ACM International Conference on Distributed Event-Based Systems, DEBS 2014, Mumbai, India, May 26-29, 2014.

PC17. New Learning Frameworks and Models for Big Data, ICML 2014, June 25, Beijing, China

PC16. Web-Scale Classification: Classifying Big Data from the Web, Workshop in ACM WSDM 2014 (Web Search and Data Mining), New York City, February 24-28, 2014).

PC15. 21st European Conference on Artificial Intelligence (ECAI 2014), August 18-22, Prague, Czech Republic.

PC14. 10th International Conference on Flexible Query Answering Systems, Special Session: FETOL 2013, Fusion and Ensemble Techniques for Online Learning On Data Streams, Granada, Spain, 18-20, 2013.

PC13. Data Stream Classification and Big Data Analytics a Special Session co-located with the 8th Computer Recognition, Systems Conference (CORES 2013), Milkow, Poland May 27-29, 2013

PC12. IP-VAA'12: Interdisciplinary Perspectives on Voting Advice Applications, Limassol, 22-24 November, 2012

PC11. European Conference on Machine Learning and Principles and Practices on of Knowledge Discovery in Databases 2012 (ECML/PKDD 2012), Discovery Challenge Workshop on Large Scale Hierarchical Classification

PC10. Workshop on Nonstationary Models of Pattern Recognition and Classifier Combinations under the framework of HAIS2012 (International Conference on Hybrid Artificial Intelligence Systems), Salamanca, Spain, in March of 2012

PC9. HaCDAIS 2011: The 2nd International Workshop on Handling Concept Drift in Adaptive Information Systems, Vancouver, Canada, December 10th, 2011 in conjunction with the 11th IEEE International Conference on Data Mining (IEEE ICDM 2011)

PC8. European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases, (ECML PKDD 2011), Athens, Greece 5-9 Sep, 2011

PC7. Twenty-second International Joint Conference on Artificial Intelligence, (July 16-22, 2011), IJCAI 2011, Barcelona, Catalonia (Spain)

PC6. 6th IFIP Conference on Artificial Intelligence Applications and Innovations (AIAI 2010)

PC5. International Workshop on Handling Concept Drift in Adaptive Information Systems: Importance, Challenges and Solutions (HACDAIS 2010)

PC4. Second International Workshop on Learning from Multi-Label Data in conjunction with ICML/COLT 2010, June 25, 2010 - Haifa, Israel (MLD10)

PC3. Special Session on Machine Learning Methods for Data Streams, under the framework of the 10th International Conference on Intelligent Design and Applications, ISDA'10, November 29 - December 1, 2010, Cairo, Egypt (MLMDS'2010)

PC2. ECML/PKDD 2009 Workshop on Learning from Multi-Label Data (MLD09), September 7, 2009 - Bled, Slovenia

PC1. International Conference on Artificial Intelligence and Pattern Recognition, 7-1 July 2008, Orlando, FL, USA (AIPR 08)

Reviewer - Journals

In total I have evaluated **64 articles**, in the following journals:

RJ29. Transactions on Pattern Analysis and Machine Intelligence, IEEE (since 2013)

RJ28. Data Mining and Knowledge Discovery, Springer (6 papers)(since 2013)

RJ27. ACM Computing Surveys, ACM (since 2012)

RJ26. Transactions on Knowledge and Data Engineering (TKDE), IEEE (4 papers) (since 2010)

RJ25. Transactions on the Web, ACM (since 2011)

RJ24. Journal of Artificial Intelligence Research (JAIR), AAAI Press (since 2013)

RJ23. Pattern Recognition, Elsevier (since 2011)

RJ22. Transactions on Knowledge Discovery from Data (TKDD), ACM (3 papers) (since 2011)

RJ21. Machine Learning Journal (ML), Springer (4 papers) (since 2010)

RJ20. Journal of Machine Learning Research (JMLR), MIT press (since 2012)

RJ19. Data and Knowledge Engineering (DKE), Elsevier (since 2011)

RJ18. Internet Computing, IEEE (since 2011)

RJ17. Knowledge and Information Systems (KAIS)(4 papers) (since 2014)

RJ16. Information Systems (InfSys)(2 papers)(since 2016)

RJ15. IEEE Transactions on Multi-Media (ToMM) (since 2014)

RJ14. IEEE Transactions on Neural Networks and Learning Systems (3 papers) (since 2012)

RJ13. Computational Intelligence (CoIn), Wiley (4 papers) (since 2011)

RJ12. Biometrika, Oxford University Press (since 2016)

RJ11. Computing, Springer (since 2018)

RJ10. Connection Science, Taylor and Francis (since 2008)

RJ9. Journal of Intelligent Information Systems (JIIS), Springer (2 papers) (since 2010)

RJ8. Pattern Recognition Letters, Elsevier (since 2011)

RJ7. Neural Processing Letters, Springer (2 papers) (since 2009)

RJ6. Evolving Systems, Springer (2 papers) (since 2010)

RJ5. The Computer Journal, Oxford University Press (4 papers) (since 2008)

RJ4. Int. Journal on Artificial Intelligence Tools, Springer (10 papers) (since 2007)

RJ3. International Journal of Computer Mathematics, Taylor & Francis (since 2006)

RJ2. Computers and Electrical Engineering, Elsevier (6 papers) (since 2011)

RJ1. Pattern Analysis and Applications, Springer (since 2012)

Reviewer - Edited Volumes & Books

RB1. Advances in Networking Systems Architectures, Security, and Applications, Springer, 2016

Reviewer - Conferences and Workshops

Conferences that I served the program committee are NOT included - see previous section

RC16. IEEE International Conference on Data Mining (ICDM 2016), Barcelona, Spain, December 2016.

RC15. 19th Panhellenic Conference on Informatics 2015 (PCI 2015), Athens, Greece, on 1st-3rd of October 2015.

RC14. IEEE 20th International Conference on Web Services, June 27-July 2, 2013, Santa Clara Marriott, CA, USA (Center of Silicon Valley) (IEEE ICWS 2013)

RC13. 24th IEEE International Conference on Tools with Artificial Intelligence (ICTAI 212), November 7-9, 2012, Athens, Greece

RC12. The 13th International Conference on Web Information System Engineering (WISE 2012), November 28th-30th, 2012, Paphos, Cyprus

RC11. The Third International Conference on Social Informatics (SocInfo'11) 6 - 8 October, 2011, Singapore (2 papers)

RC10. 36th International Conference on Very Large Data Bases, 13-17 Sept 2010, Singapore (VLDB 2010)

RC9. 19th European Conference on Artificial Intelligence, August 16-20, 2010, Lisbon, Portugal (ECAI 2010)

RC8. 2nd International Conference on Agents and Artificial Intelligence, 22-24 January, 2010, Valencia, Spain (ICAART 2010)

RC7. The International Conference on Advanced Data Mining and Applications Beijing August 17-19, 2009 (ADMA2009).

RC6. 13th Pacific-Asia Conference on Knowledge Discovery and Data Mining, 27-30 April 2009, Bangkok, Thailand, 13th Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD-09).

RC5. European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML PKDD 2008)

RC4. ECAI 2008 Workshop on Mining Social Data, Patras, Greece, 2008 (MSODA 2008)

RC3. Advanced Data Mining and Applications, Third International Conference, ADMA 2007, Harbin, China, August 6-8, 2007 (ADMA 2007)

RC2. 3rd ADBIS Workshop on Data Mining and Knowledge Discovery 2 October 2007, Varna, Bulgaria, in conjunction with 11th East-European Conference on Advances in Databases and Information Systems , ADBIS'2007, (ADMKD2007)

RC1. 21st Annual ACM Symposium on Applied Computing, Data Streams Track Dijon, France, April 23 -27, (SAC2006)

Citations

Total Number	**4220**
H Index	**17**
i-10 Index	**20**
Source	Google Scholar

Publications

Theses

TH3. I. Katakis, "Machine Learning Methods for Automated Text Classification", PhD thesis, Department of Informatics, Aristotle University, 2009

TH2. I. Katakis, "A Scientific Article Recommendation System using Association Rules and Collaborative Filtering", MSc Thesis, Department of Informatics, Aristotle University, 2007

TH1. I. Katakis, "Multiple Classifier Systems", BSc Thesis, Department of Informatics, Aristotle University, 2004

Editorials - Prefaces

ED5. G. Andrienko, D. Gunopulos, Y. Ioannidis, V. Kalogeraki, I. Katakis, K. Morik, O. Verscheure, "Mining Urban Data (part C)", preface on a Special Issue published by the Journal of Information Systems, Elsevier.

ED4. G. Andrienko, D. Gunopulos, Y. Ioannidis, V. Kalogeraki, I. Katakis, K. Morik, O. Verscheure, "Mining Urban Data (part B)", preface on a Special Issue published by the Journal of Information Systems, Elsevier.

ED3. Ioannis Katakis, François Schnitzler, Thomas Liebig: 2nd International Workshop on Mining Urban Data (Preface), Proceedings of the 2nd International Workshop on Mining Urban Data, co-located with International Conference on Machine Learning (ICML), Lille, France, 2015.

ED2. I. Katakis, "Mining Urban Data (part A)", preface on the Special Issue published by the Journal of Information Systems, Elsevier.

ED1. D. Hernandez-Lobato, I. Katakis, G. Martinez-Munoz, and I. Partalas, Special Issue on "Solving complex machine learning problems with ensemble methods"

Journal Articles

JA8. I. Litou, V. Kalogeraki, I. Katakis, D. Gunopulos,"Efficient and Timely Misinformation Blocking under varying Cost Constraints", Online Social Networks and Media, Elsevier, 2017.

JA7. P. Agathangelou, I. Katakis, I. Koutoulakis, F. Kokkoras, D. Gunopulos, "Learning Patterns for Discovering Domain Oriented Opinion Words", Knowledge and Information Systems, Springer, 2017.

JA6. D. Kotsakos, P. Sakkos, I. Katakis, D. Gunopulos, "Language Agnostic Meme-Filtering for Hashtag-based Social Network Analysis", Social Network Analysis and Mining, Springer, 2016

JA5. I. Katakis, N. Tsapatsoulis, F. Mendez, V. Triga, C. Djouvas, "Social Voting Advice Applications - Definitions, Challenges, Datasets and Evaluation", IEEE Transactions on Cybernetics, IEEE, 2013.

JA4. G. Tsoumakas, I. Katakis, I. Vlahavas, "Random k-Labelsets for Multi-Label Classification", IEEE Transactions on Knowledge and Data Engineering, IEEE, 23(7), pp. 1079-1089, 2011

JA3. I. Katakis, G. Tsoumakas, I. Vlahavas, "Tracking Recurring Contexts using Ensemble Classifiers: An Application to Email Filtering", Knowledge and Information Systems, 22(3), pp. 371-391, Springer, 2010

JA2. I. Katakis, G. Tsoumakas, E. Banos, N. Bassiliades, I. Vlahavas, "An Adaptive Personalized News Dissemination System", Journal of Intelligent Information Systems, 32 (2), Springer, 2008

JA1. G. Tsoumakas, I. Katakis, "Multi Label Classification: An Overview", International Journal of Data Warehousing and Mining, David Taniar (Ed.), Idea Group Publishing, 3(3), pp. 1-13, 2007

Magazine Articles

MA1. Sylvia Steenhoek, Gennady Andrienko, Natalia Andrienko, Ioannis Katakis, Antonia Saravanou, George Valkanas, Dimitrios Gunopulos, George Fuchs, and Hendrik Stange, "Storms and Floods in Social Media: How the @INSIGHT project follows extreme #weather phenomena", Crisis Prevention, Beta Verlag und Marketinggesellschaft mbH, Issue 4 (2015), in German (Stürme und Hochwasser in Social Media: Wie das INSIGHT Projekt #extreme @Wetterphänomene beobachtet)

Book Chapters

BC3. N. Panagiotou, I. Katakis, D. Gunopulos, "Detecting Events in Online Social Networks: Definitions, Trends and Challenges", in Solving Large Scale Learning Tasks: Challenges and Algorithms, S. Michaelis, N. Piatkowski, and M. Stolpe, Eds., Springer International Publishing, 2016.

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