

CURRICULUM VITAE

Marina Drosou

PERSONAL INFORMATION

Date of birth: July 17, 1984
Address: 27, Amedaiou Chan st.
11525 Athens, Greece
Telephone number: (+30) 697-8834847
E-mail: mdrosou@gmail.com
Website: <http://www.mdrosou.net>

EDUCATION

2008 – 2013 PhD in Computer Science, Computer Science & Engineering Department, University of Ioannina, Greece. PhD Thesis: *“Relevance and Diversity-based Ranking in Network-Centric Information Management Systems”* [Supervisor: Prof. Evaggelia Pitoura]
2006 – 2008 MSc in Computer Science (grade “Excellent” – 9.81 out of 10), Computer Science Department, University of Ioannina, Greece. MSc Thesis: *“Preference-Aware Publish/Subscribe Delivery with Diversity”* [Supervisor: Prof. Evaggelia Pitoura]
2002 – 2006 BSc in Computer Science (grade “Excellent” – 8.73 out of 10), Computer Science Department, University of Ioannina, Greece. BSc Thesis: *“XML Summaries for Routing in P2P systems”* [Supervisor: Prof. Evaggelia Pitoura]

LANGUAGES

English Excellent, Proficiency in English Degree (Cambridge), 2000
German Very well, Zentrale Mittelstufenprüfung Degree, 1999
Greek Excellent (mother tongue)

RESEARCH EXPERIENCE

Jan 2013 – Apr 2013 Occupational Trainee, School of Information Technology and Electrical Engineering, University of Queensland, Australia [Supervisor: Dr. Mohamed Sharaf]
2007 – 2010 AEOLUS project, *“Algorithmic Principles for Building Efficient Overlay Computers”*, Integrated Project IST-015964

WORKING EXPERIENCE

2012 – Today Software Engineer, Ministry of Public Order and Citizen Protection, Greece
Jul 2004 – Jun 2005 Systems Support Group, Computer Science Department, University of Ioannina, Greece

TEACHING EXPERIENCE

- 2007 – 2012 Instructor, Department of Informatics and Telecommunications, Technological Educational Institute of Epirus, Greece. Courses:
- Database Systems II (Lecture) – (1 semester)
 - Database Systems I (Lab) – (7 semesters)
 - Database Systems II (Lab) – (4 semesters)
 - Programming I (Lab) – (2 semesters)
 - Programming II (Lab) – (2 semesters)
 - Artificial Intelligence (Lab) – (2 semesters)
- 2007 – 2013 Teaching Assistant, Computer Science Department, University of Ioannina, Greece. Courses:
- Database Systems – (7 semesters)
 - Data Mining – (1 semester)

PUBLICATIONS

JOURNALS

- J1. Marina Drosou and Evaggelia Pitoura, “*Multiple Radii DisC Diversity: Result Diversification based on Dissimilarity and Coverage*”, in TODS (accepted)
- J1. Marina Drosou and Evaggelia Pitoura, “*YMALDB: Exploring Relational Databases via Result-Driven Recommendations*”, in VLDBJ, vol. 22, no.6, pp. 849-874, 2013
- J2. Marina Drosou and Evaggelia Pitoura, “*Diverse Set Selection over Dynamic Data*”, in IEEE TKDE, vol. 26, no.5, pp. 1102-1116, 2014
- J3. Marina Drosou and Evaggelia Pitoura, “*DisC Diversity: Result Diversification based on Dissimilarity and Coverage*”, in PVLDB, vol. 6, no.1, pp. 13-24, 2012, VLDB Endowment, **Best Paper Award** (Also presented at the 39th International Conference on Very Large Data Bases (VLDB 2013), August 26-30, 2013, Riva del Garda, Trento, Italy. Granted the Reproducible Label by the VLDB 2013 reproducibility committee.)
- J4. Marina Drosou and Evaggelia Pitoura, “*Search Result Diversification*”, in SIGMOD Record, vol. 39, no. 1, pp. 41-47, 2010, ACM
- J5. Marina Drosou and Evaggelia Pitoura, “*Diversity over Continuous Data*”, in IEEE Data Engineering Bulletin, vol. 32, no. 4, pp. 49-56, 2009, IEEE Computer Society

CONFERENCES

- C1. Hina A. Khan, Marina Drosou and Mohamed A. Sharaf, “*Scalable Diversification of Multiple Search Results*”, in Proc. of the 22nd International Conference on Information and Knowledge Management (CIKM 2013), October 27-November 1, 2013, Burlingame, California, USA
- C2. Hina Khan, Marina Drosou and Mohamed Sharaf, “*DOS: An Efficient Scheme for the Diversification of Multiple Search Results*”, in Proc. of the 25th International Conference on Scientific and Statistical Database Management (SSDBM 2013), July 29-31, 2013, Baltimore, Maryland, USA
- C3. Marina Drosou and Evaggelia Pitoura, “*Dynamic Diversification of Continuous Data*”, in Proc. of the 15th International Conference on Extending Database Technology (EDBT 2012), March 27-30, 2012, Berlin, Germany
- C4. Marina Drosou and Evaggelia Pitoura, “*ReDrive: Result-Driven Database Exploration through Recommendations*”, in Proc. of the 20th ACM Conference on Information and Knowledge Management (CIKM 2011), October 24-28, 2011, Glasgow, Scotland, UK
- C5. Kostas Stefanidis, Marina Drosou and Evaggelia Pitoura, “*PerK: Personalized Keyword Search in Relational Databases through Preferences*”, in Proc. of the 13th International Conference on Extending Database Technology (EDBT 2010), March 22-26, 2010, Lausanne, Switzerland (Also presented at the 9th Hellenic Data Management

Symposium (HDMS 2010), June 28 - July 3, 2010, Ayia Napa, Cyprus)

- C6. Marina Drosou, Kostas Stefanidis and Evaggelia Pitoura, "*Preference-Aware Publish/Subscribe Delivery with Diversity*", in Proc. of the 3rd ACM International Conference on Distributed Event-Based Systems (DEBS 2009), July 6-9, 2009, Nashville, TN, USA (Also presented at the 8th Hellenic Data Management Symposium (HDMS 2009), August 31 - September 1, 2009, Athens, Greece)
- C7. Marina Drosou, "*XML Summaries for Routing in P2P systems*", in Proc. of the 1st Panhellenic Scientific Student Conference in Informatics, Computer Engineering and Related Technologies (EUREKA 2007), May 18-20, 2007, Patras, Greece

WORKSHOPS

- W1. Marina Drosou and Evaggelia Pitoura, "*The DisC Diversity Model*", in Proc. of the 1st International Workshop on Exploratory Search in Databases and the Web (ExploreDB 2013), in conjunction with the EDBT 2013 conference, March 28, 2013, Athens, Greece
- W2. Dimitris Souravlias, Marina Drosou, Kostas Stefanidis and Evaggelia Pitoura, "*On Novelty in Publish/Subscribe Delivery*", in Proc. of the 4th International Workshop on Ranking in Databases (DBRank 2010), in conjunction with the ICDE 2010 conference
- W3. Kostas Stefanidis, Marina Drosou and Evaggelia Pitoura, "*'You May Also Like' Results in Relational Databases*", in Proc. of the 3rd International Workshop on Personalized Access, Profile Management and Context Awareness: Databases (PersDB 2009), in conjunction with the VLDB 2009 conference, August 28, 2009, Lyon, France
- W4. Marina Drosou, "*Ranked Publish/Subscribe Delivery*", PhD Workshop, in conjunction with the DEBS 2009 conference, July 6, 2009, Nashville, TN, USA
- W5. Marina Drosou, Evaggelia Pitoura and Kostas Stefanidis, "*Preferential Publish/Subscribe*", in Proc. of the 2nd International Workshop on Personalized Access, Profile Management and Context Awareness: Databases (PersDB 2008), in conjunction with the VLDB 2008 conference, August 23, 2008, Auckland, New Zealand

DEMOS

- D1. Marina Drosou and Evaggelia Pitoura, "*POIKILO: A Tool for Evaluating the Results of Diversification Models and Algorithms*", 39th International Conference on Very Large Data Bases (VLDB 2013), August 26-30, 2013, Riva del Garda, Trento, Italy
- D2. Marina Drosou and Evaggelia Pitoura, "*YMALDB: A Result-Driven Recommendation System for Databases*", 16th International Conference on Extending Database Technology (EDBT), March 18-22, 2013, Genoa, Italy
- D3. Eftychia Koletsou, Marina Drosou, Kostas Stefanidis and Evaggelia Pitoura, "*YMAL: A Recommendation System for Relational Databases*", 9th Hellenic Data Management Symposium (HDMS 2010), June 28 - July 3, 2010, Ayia Napa, Cyprus

TECHNICAL REPORTS

- R1. Marina Drosou and Evaggelia Pitoura, "*ReDrive: Result-Driven Database Exploration through Recommendations*", Technical Report TR 2011-10, Computer Science Department, University of Ioannina
- R2. Marina Drosou and Evaggelia Pitoura, "*Comparing Diversity Heuristics*", Technical Report TR 2009-05, Computer Science Department, University of Ioannina
- R3. Marina Drosou, Kostas Stefanidis and Evaggelia Pitoura, "*Preference-Aware Publish/Subscribe Delivery with Diversity*", Technical Report TR 2008-10, Computer Science Department, University of Ioannina
- R4. Kostas Stefanidis, Marina Drosou and Evaggelia Pitoura, "*Preference-Driven Keyword Search in Relational Databases*", Technical Report TR 2008-09, Computer Science Department, University of Ioannina

THESES

- T1. Marina Drosou, “*Relevance and Diversity-based Ranking in Network-Centric Information Management Systems*”, PhD Thesis, Computer Science & Engineering Department, University of Ioannina, Greece [Supervisor: Prof. Evaggelia Pitoura]
- T2. Marina Drosou, “*Preference-Aware Publish/Subscribe Delivery with Diversity*”, MSc Thesis, Computer Science Department, University of Ioannina, Greece [Supervisor: Prof. Evaggelia Pitoura]
- T3. Marina Drosou, “*XML Summaries for Routing in P2P systems*” (in Greek), BSc Thesis, Computer Science Department, University of Ioannina, Greece [Supervisor: Prof. Evaggelia Pitoura]

PROFESSIONAL ACTIVITIES

Reviewer TKDE, KAIS, VLDB 2011 (external)

SCHOLARSHIPS

2010 – 2013 Scholarship for perusing a PhD in the framework of the program “HRAKLEITOS II” of the “Operational Program Education and Life Long Learning” of the Hellenic Ministry of Education, Life Long Learning and religious affairs, co-funded by the European Union - European Social Fund (ESF) & National Sources

2007 – 2010 Scholarship for post-graduate studies from the Bodossaki Foundation

2006 – 2007 Scholarship for top performance from the University of Ioannina (EPEAEK)

2003 – 2004 Scholarship for top performance from the Greek State Scholarships Foundation

SEMINARS

Jun 2014 *Learning Python*, Greek National Centre for Public Administration and Local Government / Institute of Training (Certification number 11.10.408.20)

Nov 2012 *Training in ArcGIS*, Athens, Greece

Jul 2008 *The Onassis Foundation 2008 Lectures in Computer Science*, Heraklion, Greece

Sept 2007 8th *EDBT Summer School*, Bolzano, Italy

VOLUNTEERING

Apr 2013 ICDE 2013 conference organization

Jun 2011 SIGMOD 2011 conference organization