

# Panayiotis G. Andreou

## (Curriculum Vitae)

### I. GENERAL

Address: 12-14 University Av., Pyla, Larnaca, CY-7080, Cyprus  
Telephone: +357-22-24694085  
Email: PAndreou1@uclan.ac.uk

### II. RESEARCH INTERESTS

Data Management for Systems and Networks, Information Systems, Energy-efficient Distributed Processing, ICT services for eHealth and Ambient Assisted Living

### III. EDUCATION

- Ph.D.** Department of Computer Science, University of Cyprus 2006-2011  
Thesis: "KSpot<sup>+</sup>: A Network-aware Framework for Energy-efficient Data Acquisition in Wireless Sensor Networks", Advisor: Prof. George Samaras, Co-Advisor: Demetris Zeinalipour  
**Best PhD Award:** 9th European Conference on Wireless Sensor Networks (EWSN'2012) / Cooperating Objects Network of Excellence (CONET).
- M.Sc.** Department of Computer Science, University of Cyprus 2003-2006  
Thesis: "A secure XML-based synchronization scheme for mobile devices", Advisor: Prof. Andreas Pitsillides
- B.Sc.** Department of Computer Science, University of Cyprus 1998-2003  
Thesis: "DITIS: Networked Collaboration supporting Home Healthcare Teams", Advisor: Prof. Andreas Pitsillides

### IV. ACADEMIC & TEACHING EXPERIENCE

- Lecturer**, Department of Computing, University of Central Lancashire Cyprus 09/2014-present  
Modules: System Analysis and Database Design, Advanced Programming with C++, Software Development, Software Engineering Practices
- Post-Doctoral Researcher**, Dep. of Computer Science, Un. of Cyprus 12/2013-06/2014  
Research in incorporating data management techniques in the design of web-based ICT services for AAL (Miraculous-Life FP7 project).
- Visiting Lecturer**, Dep. of Computer Science, Un. of Cyprus 09/2012-12/2013  
Courses taught: Fall 2013: Databases, Introduction to Computer Science, Spring 2013: Databases, Data Structures and Algorithms, Fall 2012: Object-oriented Programming (JAVA), Data Structures and Algorithms for Electrical and Computer Engineers
- Marie Curie Fellow**, ID-Mind, Lisbon, Portugal 04/2012-08/2012  
Data Management, ICT services and distributed and parallel algorithms knowledge transfer in the context of social community networks (SocialRobot Marie-Curie project).
- Post-Doctoral Researcher**, Dep. of Computer Science, Un. of Cyprus 06/2011-03/2012  
Research in the areas of Data Management, Wireless and Mobile Systems and Networks, and ICT services within the scope of various national and European projects.
- Research Associate**, Dep. of Computer Science, Open University of Cyprus 11/2008-12/2008  
Research and Development for the SenseView project.
- Research Associate**, Dep. of Computer Science, Un. of Cyprus 01/2003-06/2011  
Research and component Development in Databases, Wireless Sensor Networks and ICT services for the eHealth domain.
- Graduate Teaching Assistant**, Dep. of Computer Science, Un. of Cyprus 2004-2012  
Labs taught: Software Engineering, Databases, Software Engineering, Data Structures and Algorithms
- Instructor**, Center for Teaching and Learning, Nicosia, Cyprus 2010-2011  
Delivered Training Seminars: Introduction to C#.NET, Introduction to Visual

|  |           |
|--|-----------|
| Basic .NET   |           |
| <b>Instructor</b> , Microsoft .NET Club, Nicosia, Cyprus   | 2004-2010 |
| <u>Delivered Training Seminars:</u> Introduction to C#.NET, Introduction to Visual Basic .NET, Introduction to ASP.NET, Introduction to ADO.NET, Introduction to SQL Server, Introduction to Crystal Reports   |           |
| <b>Instructor</b> , Training Seminars in the Industrial Sector   | 2005-2010 |
| <u>Delivered Training Seminars:</u> Introduction to C programming, Developing Web Applications with ASP.NET, Programming with C#, Crystal Reports 10, Programming with Visual Basic.NET, Introduction to Visual Basic .NET, Querying Microsoft SQL Server 2000 with T-SQL, Web Design and Administration, Introduction to ASP.NET, Microsoft Access. |           |
| <u>Audience:</u> Cyprus Telecommunication Authority (CYTA), Cyprus Agricultural Payments Organization (CAPO), Cyprus Department of Information Technological Services (DITS), Ten Group Services, RAI Consultants  |           |

#### IV. RESEARCH CONSULTING

|   |              |
|---|--------------|
| Promotion of research techniques to the design of novel software projects, through consulting and training. The company realized a number of desktop and web-based projects. Selected projects:   | 2007-present |
| <ul style="list-style-type: none"> <li>• TrainerBee: Social Network for personal trainers</li> <li>• AthleteBase: Social network for young athletes</li> <li>• InfoStar: Discovering the most important events in the market (analysis and visualization of Big Data through the web), RAI Consultants LTD.</li> <li>• Jockey DMS: Architectural design of a data management and reporting system for horse races data, Jockey Magazine.</li> <li>• CLDC DMS: Architectural Design and supervision for the development of the data management system of the organization, Cyprus Land Development Corporation.</li> </ul> |              |

#### V. ACHIEVEMENTS & AWARDS

- **Best PhD Award:** 9th European Conference on Wireless Sensor Networks (EWSN'2012) / Cooperating Objects Network of Excellence (CONET).
- **eHealth Award:** The DITIS system (Networked Home HealthCare Collaboration) was ranked among the best 20 e-Health projects in the European Union (out of 179 EU projects) and has been presented at the e-Health Ministerial conference 2003.
- **World Summit Award (WSA):** DITIS was ranked seventh among over eighty projects at the World Summit Award (WSA) Competition, October 2003.
- **DMSN'07 student fellowship:** Research Fellowship

#### VI. PUBLICATIONS

##### PEER-REVIEWED JOURNAL AND MAGAZINE PAPERS

1. **"A Network-aware Framework for Energy-efficient Data Acquisition in Wireless Sensor Networks"**, P. Andreou, D. Zeinalipour-Yazti, G. Samaras, P.K. Chrysanthis, Journal of Network and Computer Applications (JNCA'14), Volume 46, Pages: 227 - 240, 2014.
2. **"Managing Big Data Experiments on Smartphones"**, G. Larkou, M. Mintzis, P. Andreou, A. Konstantinidis, D. Zeinalipour-Yazti, Distributed and Parallel Databases (DAPD'14), Volume 1, Pages: 1-32, 2014.
3. **"Integrating Human Factors and Semantic Markups in Adaptive Interactive Systems"**, M. Belk, P. Germanakos, E. Papatheocharous, P. Andreou, G. Samaras, Open Journal of Web Technologies (OJWT'14), RonPub UG, 2014, Vol. 1(1): 15-26, ISSN: 2199-188X.
4. **"Intelligent search in social communities of smartphone users"**, A. Konstantinidis, D. Zeinalipour-Yazti, P. Andreou, G. Samaras, P.K. Chrysanthis, Distributed and Parallel Databases (DAPD'13), Springer US, Volume 31, Pages: 115-149, 2013.

5. **“SmartLab: Empowering Mobile Computing Research through an Open Smartphone Cloud”**, G. Larkou, **P. Andreou**, A. Konstantinidis, D. Zeinalipour-Yazti, ERCIM News 2013(93), 2013.
6. **“Power Efficiency through Tuple Ranking in Wireless Sensor Network Monitoring”**, **P. Andreou**, D. Zeinalipour-Yazti, P.K. Chrysanthis, G. Samaras, Distributed and Parallel Databases Journal, Vol. 29, No. 1-2, pp. 113-150, 2011.
7. **“In-Network Data Acquisition and Replication in Mobile Sensor Networks”**, **P. Andreou**, D. Zeinalipour-Yazti, P.K. Chrysanthis, G. Samaras, Distributed and Parallel Databases Journal, Vol. 29, No. 1-2, pp. 87-112, 2011.
8. **“Optimized Query Routing Trees for Wireless Sensor Networks”**, **P. Andreou**, D. Zeinalipour-Yazti, A. Pamboris, P.K. Chrysanthis, G. Samaras, Information Systems Journal, Vol. 36, No. 2, pp. 267-291, Απρίλιος 2011.
9. **“DITIS: Virtual Collaborative Healthcare Teams for Home Healthcare”**, A. Pitsillides, G. Samaras, B. Pitsillides, D. Georgiades, **P. Andreou**, E. Christodoulou, Journal of Mobile Multimedia (JMM’06), Vol. 2, No. 1, pp. 023-036, 2006.

#### PEER-REVIEWED BOOK CHAPTERS

1. **“Evaluation Metrics for eHealth Services and Applications within Smart Houses Context”**, D. Georgiadis, P. Germanakos, **P. Andreou**, G. Samaras, Springer Science Lecture Notes in Computer Science, Ambient Assistive Health and Wellness Management in the Heart of the City, Vol. 5597, pp. 245-248, 2009.
2. **“A Collaborative Virtual Medical Team for Home Healthcare of Cancer Patients”**, A. Pitsillides, B. Pitsillides, G. Samaras, M. Dikaiakos, E. Christodoulou, **P. Andreou**, and D. Georgiades, M-Health: Emerging Mobile Health Systems, Editors: R. H. Istepanian, S. Laxminarayan, C.S. Pattichis, Kluwer Academic/Plenum Publishers, Springer Science, pp. 247-266, 2005.
3. **“User Perspective Of Ditis: Virtual Collaborative Teams For Home-Healthcare”**, B. Pitsillides, A. Pitsillides, G. Samaras, E. Christodoulou, N. Panteli, **P. Andreou**, and D. Georgiades, IOS press book series “Studies on Health Technology and Informatics”, 100<sup>th</sup> “Golden” volume, Current Situation and Examples of Implemented and Beneficial E-Health Applications, hardcover ISBN: 1 58603 448 0, pp. 205-216, 2004.
4. **“Enhanced Home Care through DITIS’s Dynamic Creation and Management of Virtual Healthcare Teams”**, A. Pitsillides, B. Pitsillides, G. Samaras, M. Nicolaou, **P. Andreou**, R. Avgousti, ACM SAC, 2004.

#### PEER-REVIEWED CONFERENCE PAPERS

1. **“Sensor Mockup Experiments with SmartLab”**, G. Larkou, M. Mintzis, S. Taranto, A. Konstantinidis, **P. G. Andreou** and D. Zeinalipour-Yazti, Information Processing in Sensor Networks, 2014.
2. **“An Individual Differences Approach in Adaptive Waving of User Checkout Process in Retail eCommerce”**, M. Belk, P. Germanakos, S. Asimakopoulos, **P. Andreou**, C. Mourlas, G. Spanoudis, G. Samaras, Proceedings of the 16th International Conference on Human-Computer Interaction International (HCI’14) 2014.
3. **“Managing Smartphone Testbeds with SmartLab”**, G. Larkou, C. Costa, **P. Andreou**, A. Konstantinidis, D. Zeinalipour-Yazti, Proceedings of the 27th USENIX Large Installation System Administration Conference (LISA '13), Washington D.C., USA, Pages: 115-132, ISBN: 978-1-931971-05-8, 2013.
4. **“USN: An Optimization Framework for User-centric Social Networks”**, **P. Andreou**, P. Germanakos, A. Konstantinidis, D. Georgiadis, M. Belk, G. Samaras, IEEE EUC 2012, Nicosia, Cyprus, 5-7 December, 2012.
5. **“SocialRobot: Elderly Home Care and Socialization”**, C. Christophorou, P. Alvito, **P. Andreou**, E. Christodoulou, J.M. Dias, G. Samaras, AAL Forum 2012, Eindhoven, Netherlands, 24-27 September, 2012.
6. **“SoCo-Net: Social Care Community Network”**, C. Christophorou, C. Tsiourti, **P. Andreou**, E. Christodoulou, G. Samaras, J.M. Dias, AAL Summit 2012, Bilbao, Spain, 27-29 June, 2012.

7. **“Towards a Network-aware Middleware for Wireless Sensor Networks”**, P. Andreou, D. Zeinalipour-Yazti, G. Samaras, P.K. Chrysanthis, 8th International Workshop on Data Management for Sensor Networks (DMSN'11), The Westin Hotel, Seattle, WA, USA, August 29, 2011.
8. **“Multi-Objective Query Optimization in Smartphone Networks”**, A. Konstantinidis, D. Zeinalipour-Yazti, P. Andreou, G. Samaras, 12th International Conference on Mobile Data Management (MDM'11), IEEE Computer Society, Lulea, Sweden, June 6-9, 2011.
9. **“GliderAgent—a proposal for an agent-based glider pilot support system”**, A. Gab, P. Andreou, M. Ganzha, M. Paprzycki, 15th International Conference on Methods and Models in Automation and Robotics (MMAR'10), August 23-26, Amber Baltic Hotel, Miedzyzdroje, Poland, 2010.
10. **“Elements of Scalable Data Processing”**, B. Andersson, P.G. Sousa, F. Pacheco, P. Andreou, P.J. Marron, U. Iqbal, V. Reynolds, 9th International Workshop on Real-Time Networks (RTN'10), July 6, Brussels, Belgium, 2010.
11. **“FSort: External Sorting on Flash-based Sensor Devices”**, P. Andreou, O. Spanos, D. Zeinalipour-Yazti, G. Samaras, P.K. Chrysanthis, The 6th International Workshop on Data Management for Sensor Networks (DMSN'09), August 24, Lyon, France, 2009.
12. **“ETC: Energy-driven Tree Construction in Wireless Sensor Networks”**, P. Andreou, A. Pamboris, D. Zeinalipour-Yazti, P.K. Chrysanthis, G. Samaras, 2nd International Workshop on Sensor Network Technologies for Information Explosion Era (SeNTIE'09), in conjunction with MDM'09, IEEE Press, May 18-20, Tapei, Taiwan, 2009.
13. **“Perimeter-Based Data Replication and Aggregation in Mobile Sensor Networks”**, P. Andreou, D. Zeinalipour-Yazti, M. Andreou, P.K. Chrysanthis, G. Samaras, The 10th International Conference on Mobile Data Management (MDM'09), IEEE Press, May 18-20, Tapei, Taiwan, 2009.
14. **“Workload-aware Query Routing Trees in Wireless Sensor Networks”**, P. Andreou, D. Zeinalipour-Yazti, P.K. Chrysanthis, G. Samaras, The 9th International Conference on Mobile Data Management (MDM'08), Beijing, China, April 27-30, pp.189-196, 2008.
15. **“SenseSwarm: A Perimeter-based Data Acquisition Framework for Mobile Sensor Networks”**, D. Zeinalipour-Yazti, P. Andreou, P.K. Chrysanthis, G. Samaras, Fourth International Workshop on Data Management for Sensor Networks (DMSN'07), (VLDB'07 Workshops), Vienna, Austria, 2007.
16. **“The MicroPulse Framework for Adaptive Waking Windows in Sensor Networks”**, D. Zeinalipour-Yazti, P. Andreou, P.K. Chrysanthis, G. Samaras and A. Pitsillides, IEEE First International Workshop on Data Intensive Sensor Networks (DISN'07) (MDM 2007 Workshops), Mannheim, Germany, May 11, 2007.
17. **“Tele-homecare Supported by the DITIS Collaborative Platform”**, A. Pitsillides, G. Samaras, D. Georgiades, P. Andreou, E. Christodoulou, B. Pitsillides, IST-Africa 2007 Conference Proceedings (IST-Africa'07), IIMC International Information Management Corporation, Maputo, Mozambique, May 9 - 11, ISBN: 1-905824-04-1, 2007.
18. **“MINT Views: Materialized In Network Top-k Views in Sensor Networks”**, D. Zeinalipour-Yazti, P. Andreou, P.K. Chrysanthis, G. Samaras, IEEE/ACM 8th International Conference on Mobile Data Management (MDM'07), Mannheim, Germany, May 7-11, ISBN 14244-1240-4, pp. 182-189, IEEE Press, 2007.
19. **“Preserving Quality in the Development of Mobile Commerce Services and Applications”**, A.S. Andreou, D. Panayidou, P. Andreou, A. Pitsillides, ACIT Software Engineering, Novosibirsk, Russia, June 20-24, ISBN 0-88986-504-3, pp. 011-016, IASTED/ACTA Press, 2005.
20. **“DITIS: A Collaborative System to Support Home Care by a Virtual Multidisciplinary Team”**, B. Pitsillides, A. Pitsillides, G. Samaras, D. Georgiades, P. Andreou, N. Panteli, 8th Congress of the European Association for Palliative Care (EAPC'03), Hague, Netherlands, April 2-5, 2003.
21. **“Multi-Objective Query Optimization in Smartphone Networks”**, A. Konstantinidis, D. Zeinalipour-Yazti, P. Andreou, G. Samaras, The 10th Hellenic Data Management Symposium (HDMS'11), Athens, Greece, June 17-18, 2011.
22. **“Perimeter-Based Data Replication and Aggregation in Mobile Sensor Networks”**, P. Andreou, D. Zeinalipour-Yazti, M. Andreou, P.K. Chrysanthis, G. Samaras, The 8th Hellenic Data Management Symposium (HDMS'09), Athens, Greece, August 31-September 1, 2009.
23. **“KSpot: Effectively Monitoring the K Most Important Events in a Wireless Sensor Network”**,

- P. Andreou**, D. Zeinalipour-Yazti, M. Vassiliadou, P.K. Chrysanthis, G. Samaras, The 8th Hellenic Data Management Symposium (HDMS'09), Athens, Greece, August 31-September 1, 2009.
24. **"MINT Views: Materialized In Network Top-k Views in Sensor Networks"**, D. Zeinalipour-Yazti, **P. Andreou**, P.K. Chrysanthis, G. Samaras, The 6th Hellenic Data Management Symposium (HDMS'07), Athens, Greece, July 5-6, 2007.

#### POSTERS AND DEMONSTRATIONS

1. **"FireWatch: G.I.S.-assisted Wireless Sensor Networks for Forest Fires"**, **P. Andreou**, G. Constantinou, D. Zeinalipour-Yazti, G. Samaras, 24th International Conference on Scientific and Statistical Database Management (SSDBM'12), Chania, Crete, Greece, 25-27 June 25-27, 2012.
2. **"Towards User-centric Social Networks"**, **P. Andreou**, P. Germanakos, A. Konstantinidis, D. Georgiadis, M. Belk, G. Samaras, 8th International Conference on Web Information Systems and Technologies (WEBIST'12), Porto, Portugal, 2012.
3. **"An Advanced Sensor Platform for Autonomic Computing: the IPAC Approach"**, V. Tsetsos, V. Papataxiarhis, S. Hadjiefthymiades, T. Kontos, **P. Andreou**, G. Samaras, E. Fytros, poster paper in Cyber-Physical Systems Week 2010 (CPS'10), Stockholm, Sweden, April 12-16, 2010.
4. **"KSpot: Effectively Monitoring the K Most Important Events in a Wireless Sensor Network"**, **P. Andreou**, D. Zeinalipour-Yazti, M. Vassiliadou, P. K. Chrysanthis, G. Samaras, The 25th International Conference on Data Engineering (ICDE'09), Shanghai, China, May 29 - April 4, 2009.

## VII. RESEARCH PROJECTS

#### EUROPEAN RESEARCH PROJECTS

1. **Miraculous-Life (FP7-ICT-2013-10) Miraculous-Life for Elderly Independent Living (2013-2016)**: Funding: European Union – 3.2M€.   
Responsibilities: Technical Manager (UCY team), Knowledge Base Design, contributed in proposal writing.
2. **SocialRobot (FP7-PEOPLE-2011-IAPP-285870) Social Robot to Support Elderly at Home**: Funding: European Union.   
Responsibilities: Technical Manager (UCY team).
3. **Co-Living (AAL-60-61700-98-009) Virtual Collaborative Social Living Community for the Elderly (2010-2013)**: Funding: European Union -3M €.   
Responsibilities: Member of the ICT services design and development team, contributed in proposal writing.
4. **CONET (FP7-224053) Cooperating Objects Network of Excellence (2008-2012)**: Funding: European Union -4M €.   
Responsibilities: Participation in 3 research clusters.
5. **IPAC (INFSO-ICT-224395) Integrated Platform for Autonomic Computing (2008-2012)**: Funding: European Union -1.65M €.   
Responsibilities: Member of the ICT services design and development team.
6. **MPower (FP6-034707) Development and deployment of services for persons with cognitive disabilities and elderly (2007-2009)**: Funding: European Union -2.35M €.   
Responsibilities: Member of the security services development team.
7. **LinkCare (eTEN 517435) Linking Health Professionals in Emerging Care Environments (2005-2006)**: Funding: European Union -160K €.   
Responsibilities: Pilot Supervisor, Lead Developer.
8. **HealthService24 (eTEN-C517352) Mobile Healthcare System (2005-2006)**: Funding: European Union -156K €.   
Responsibilities: Pilot Supervisor, Lead Developer.

#### NATIONAL RESEARCH PROJECTS

1. **PersonaWeb: Personalizing Generic Web Environments (2012-2014)**: Funding: Research Promotion Foundation Cyprus -150K €.   
Responsibilities: Technical manager, Designer of the data management system.

2. **FireWatch: Fire detection/prediction of Cyprus forests using Wireless Sensor Networks (2010-2012):** Funding: Research Promotion Foundation Cyprus -160K €.   
Responsibilities: **Lead author of the proposal (rank 1<sup>st</sup> in the evaluation process)**, Technical manager, Designer of the data management system.
3. **MELCO: Mobile Elderly Living Community (2009-2011):** Funding: Research Promotion Foundation Cyprus -130K €.   
Responsibilities: Technical manager, Designer of the data management system.
4. **EKPAIDEION: Personalized and Adaptive Multimedia Educational Environments (2006-2008):** Funding: Research Promotion Foundation Cyprus -125K €.   
Responsibilities: Designer and developer of the data management system.
5. **GEITONIA: Improving Quality of Life by Utilizing Multimedia Mobile Wireless Technologies & Sensors (2007-2009):** Funding: Research Promotion Foundation Cyprus -35K €.   
Responsibilities: Member of the development team.
6. **DITIS-2: Collaborative Virtual Medical teams for home healthcare of cancer patients (2004-2006):** Funding: Research Promotion Foundation Cyprus -30K €.   
Responsibilities: Technical Manager, Lead Developer.
7. **DITIS: Telemedicine via Mobile Devices (1999-2000):** Funding: Microsoft, United Kingdom - 55K \$.   
Responsibilities: Member of the development team.

## VIII. INVITED TALKS

- “KSpot+, An Energy-efficient Middleware Architecture for Wireless Sensor Networks”, 17/02/2011, 2011, Imperial College London, UK.
- “Top-k Query Processing Wireless Sensor Networks”, 14/07/2011, University of Cyprus, Cyprus.

## IX. SERVICE

- Member of Association for Computing Machinery (ACM), Institute of Electrical and Electronics Engineers (IEEE)
- Reviewer, Journals (#: number of reviews):
  - ACM Transactions on Storage (TOS), 2010, #1
  - IEEE Transactions on Parallel and Distributed Systems (TPDS), 2011-2012, #2
  - IEEE Transactions on Vehicular Technology (TVT), 2010, #1
  - IEEE Transactions on Computers (TOC), 2010, 2012#2
  - IEEE Transactions on Knowledge and Data Engineering (TKDE), 2007-2009, 2012 #6
  - Springer’s Very Large Databases Journal (VLDB), 2009-2010, 2014, #3
  - Springer’s Distributed and Parallel Databases Journal (DAPD), 2010-2012, #4
  - Springer’s Wireless Networks Journal (WINET), 2010, #1
  - Springer’s Knowledge and Information Systems (KAIS), 2011, \#1
  - Elsevier’s Ad hoc Networks, 2007, #2
  - Elsevier’s Data & Knowledge Engineering Journal (DKE), 2010, #1
  - Elsevier’s Performance Evaluation (PEVA), 2012, #1
  - Intl. Journal of Communication Networks and Distributed Systems (IJCNDS), 2008, #2
- Reviewer, Conferences/Symposia (#: number of reviews):
  - ACM CIKM - Intl. Information and Knowledge Management Conf., 2008-2010, #10
  - ACM SIGMOD - Intl. Management of Data Conf., 2009,2011, 2014, #3
  - ACM PEWASUN - ACM Intl. Symposium on Performance Evaluation of Wireless Ad Hoc, Sensor, and Ubiquitous Networks, 2010-2011, #2
  - ACM SIGKDD - Conf. on Knowledge Discovery and Data Mining, 2011, #3
  - IEEE HPCC - Intl. Conf. on High Performance Computing and Communications, 2008-2009, #3
  - IEEE ICDE - Intl. Conf. on Data Engineering, 2008-2014, #9
  - IEEE ICDM - Intl. Conf. on Data Mining, 2008, #2
  - IEEE ISCC - Intl. Symposium on Computers and Communications, 2008, #1
  - IEEE IWCMC - Intl. Wireless Communications and Mobile Computing Conf., 2008, #1
  - IEEE MDM - Intl. Conf. on Mobile Data Management, 2008-2014, #17

- IEEE SUTC - Intl. Conf. on Sensor Networks, Ubiquitous, and Trustworthy Computing, 2008, #8
- IEEE Sensors - Annual IEEE Conf. on Sensors, 2010, #1
- IEEE PIMRC - Intl. Symposium on Personal, Indoor and Mobile Radio Communications, 2009, #1
- ICSSSM - Intl. Conf. on Service Systems and Service, 2008, #1
- HDMS - Hellenic Data Management Symposium, 2009-2012, #9
- PAKDD - Pacific-Asia Conference on Knowledge Discovery and Data Mining, 2009, #2
- EDBT - Intl. Conf. on Extending Database Technology, 2010, #1
- Euro-Par - Intl. European Conf. on Parallel and Distributed Computing, 2010, #2
- WAIM - Intl. Conf. on Web-Age Information Management, 2010, #4
- ECML PKDD - European Conf. on Machine Learning and Principles and Practice of Knowledge Discovery in Databases, 2011, #3
- Reviewer, Workshops (#:number of reviews):
  - ACM DMSN (VLDB) - Intl. Workshop on Data Management for Sensor Networks, 2008-2009, #7
  - ACM MOBIDE (SIGMOD) - Intl. Workshop on Data Engineering for Wireless and Mobile Access, 2008-2012, #5
  - SENTIE (MDM) - Intl. Workshop on Sensor Network Technologies for Information Explosion Era, 2008-2010, #3

## **X. TECHNICAL EXPERTISE**

- Web Technologies: MVC, ASP.NET, JSP, servlet, XML, HTML, PHP, ASP, COM, VB script, JavaScript, VBScript, XML, WML, WMLScript, Apache,IIS,JRun/Tomcat.
- Programming Languages: Java, VB.NET, C#.NET, C++, C, nesC, SQL, Shell Scripts, Modula.
- Database Systems: SQL Server, Oracle, MySQL, PostgreSQL, Access.
- Operating Systems: Windows, Linux, Android, iOS, TinyOS, MAC OSX.
- Networking: Windows/Linux Networking