

Curriculum Vitæ - Nikolaos D. Tselikas

Contact Information

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Personal Information

Date of Birth: 14/5/1976

Marital Status: Married (one child)

Education

PhD in Electrical and Computer Engineering, National Technical University of Athens (Dec. 1999 – Apr. 2004)

PhD Thesis Title: Homogenized and Intelligent Service Switching and Call Control for Fixed Mobile and Internet Communication Environments (final grade: “10.0/10.0 Excellent”).

Electrical and Computer Engineering Diploma at National Technical University of Athens (Sept. 1994 – June 1999)

Final grade: 7.87/10.00, VERY GOOD.

Diploma Thesis Title: ISUP (ISDN User Part) Protocol compatibility study in Siemens' EWSD Switch (diploma thesis grade: “10.0/10.0 Excellent”).

Graduation from High School (Sept. 1991 – June 1994)

School: 4th High School (Iraklio Attikis)

Final grade: 18.2/20.0, VERY GOOD.

Language Skills

English (Proficiency).

German (Zertificat).

Research Interests

- Service Creation and Provision in Mobile and Fixed Telecommunication Networks
- Location Based Services, LBS
- Unified Service Control in Heterogeneous Network Environments
- VoIP and IPTV Services
- Open APIs and Middleware Technologies
- Software Performance Evaluation
- Web Services and Distributed Objects' technologies
- Mobile Services and Applications
- Context-aware Services and Mashup Applications
- Design and Implementation of Handover Algorithms in Radio over Fiber (RoF) Networks
- Internet of Things
- Open Source Licensing

Employment

Feb. 2013 – today

Assistant Professor at the Department of Informatics and Telecommunications, University of Peloponnese.

May 2009 – Feb. 2013

Lecturer at the Department of Telecommunications Science and Technology, University of Peloponnese.

Sept 2006 – May 2009

Visiting Lecturer at the Department of Telecommunications Science and Technology, University of Peloponnese.

Apr. 2004 – May 2009

Postdoctoral Researcher at the Intelligent Communications and Broadband Networks (ICBNet) Laboratory (School of Electrical and Computer Engineering, National Technical University of Athens).

Sept. 1999 – Apr. 2004

PhD Candidate and Research Associate at the Intelligent Communications and Broadband Networks (ICBNet) Laboratory (School of Electrical and Computer Engineering, National Technical University of Athens).

Teaching

Undergraduate Courses

Programming I (1st semester): 2007 – today, Department of Informatics and Telecommunications, University of Peloponnese.

Internet Applications and Web Services Development (6th semester): 2006 and 2008 – today, Department of Informatics and Telecommunications, University of Peloponnese.

Distributed Systems Programming (7th semester): 2007 – 2013, Department of Telecommunications Science and Technology, University of Peloponnese.

Telephone Networks (8th semester): 2007, Department of Telecommunications Science and Technology, University of Peloponnese.

Object Oriented Programming – JAVA (5th semester): 2006, Department of Telecommunications Science and Technology, University of Peloponnese.

Broadband Access Networks (3rd semester): 2007, Department of Telecommunications Science and Technology, University of Peloponnese.

Postgraduate Courses

Internet Applications and Services (1st semester): 2009 – today, Department of Informatics and Telecommunications, University of Peloponnese, MSc "Advanced Telecommunications Systems and Networks".

Management Information Systems (1st semester): 2011, Department of Economics, University of Peloponnese, MSc "Public Management".

Internet Programming (2nd semester): 2014, Department of Informatics and Telecommunications, University of Peloponnese, MSc "Computer Science and Technology".

Student Supervision

Supervisor of 48 undergraduate students (currently 12 ongoing), 20 postgraduate students (currently 3 ongoing) and 1 PhD student (currently ongoing) at the University of Peloponnese.

Research Projects

Sept. 2012 – today

WiSe-PON - "Converging FTTx and Broadband Heterogenous Wireless Services over Next-Generation Radio-over-Fiber Passive Optical Networks [09ΣΥΝ-71-1155]"

Design, implementation and performance evaluation of handoff algorithms in RoF networks @60GHz.

January 2012

"Innovation in Enterprises, University of Peloponnese"

Case study and business plan for new Enterprises supporting Information and Telecommunications Technologies.

Apr. 2010 – Apr. 2011

LANDSLIDES - EL0071 - "System Development on Monitoring Slope Stability for the Prevention of Landslides and Training of Local Public Authorities in the Region of Peloponnisos"

Technical leader for the University of Peloponnese during the phase of design and development of Geographic Database, Geographic Information System and Web Geographical Information System using the ArcIMS software package of ArcGIS.

Dec. 2007– Dec. 2009

Implementation of Educational Material for the National Center for Public Administration

Instructional design on the technological themes of the project (Networking / PKI / e-Office / Java / .NET / Web Design), storyboard developer and implementation of the aforementioned topics for Computer Based Training (CBT) and Web Based Training (WBT).

Jan. 2007– Feb. 2007 & June. 2007 – Jan. 2008

Development of Network Inventory Management System

Requirements, Specifications and Implementation of Telecommunication System and Unified Network Inventory Management System for Mobile Communications. Data migration and data synchronization of the new system with all existing legacy Network Management Systems of Vodafone Greece.

June 2006– July 2006 & Nov. 2006 – Dec. 2006 & Jan. 2008 – June 2008

SMS (Simple Mobile Services IST- 2006 034620)

Definition of the technical requirements and specifications for creating a Simple Mobile Services Platform for Mobile Devices.

Jan. 2006– July 2006

DISCREET (Discreet Service Provision in Smart Environments IST- 27679)

Definition of the technical requirements and specifications for creating a privacy-aware platform providing services in fixed and mobile networks.

Nov. 2005– Dec. 2005

e-commerce Study

Requirements and specifications of the database's web interface in an e-commerce system

Jan. 2004– Sept. 2004 & Jan. 2005 – June 2005

SIMPLICITY (Internet-able, Mobile Platforms LeadIng Citizens Towards simplicity IST- 507558)

Definition of requirements/specifications and implementation of the corresponding integrational functional entities of the Simplicity system.

Apr. 2003– Dec. 2004

International cooperation in industrial research and development activities

Design and implementation of a LBS service platform for mobile users (2G and 3G) by using XML and RMI technologies between the functional entities of the platform. Also, design and implementation of the charging/billing system of the platform.

Jan. 2003 – Mar. 2003

AQUILA (Adaptive Resource Control of QoS Using an IP-based Layered Architecture - IST-10077)

Design and implementation of software components for managing IP network in order to provide Quality of Service (QoS). Implementation of the corresponding web application to communicate with the end-user.

Nov. 2002 – Apr. 2004

ENAMORADO (Enabling Nomadic Agents in a Multimedia-ORiented Architecture of Distributed Objects - IST-38285)

Specification of a Mobile-Agent's middleware environment for providing services in heterogeneous devices. Implementation of the mobile mediators used in the dynamic adjustment of telecommunications profile of the end user/device.

Jan. 2000 – Oct. 2002

STARLITE (Services, Technologies and Architectures Enabling Internet and PSTN Integration- IST- 10684)

Design and implementation of a Q.931 to OSA/Parlay API wrapper and Upgrade of Siemens HICOM 300 PBX to an OSA/Parlay-enabled PSTN Switch. Implementation of Parlay Generic Call Control API, in HICOM 300 and in Vocaltec's VoIP Gateway, in order to provide homogenized services to PSTN and VoIP networks, by using Java, Distributed Objects Technology (CORBA) and OSA/Parlay APIs. Design and implementation of the following services: "call forwarding", "click2call" and "third party call" demonstrated over PSTN and VoIP networks.

Feb. 2000 – Apr. 2001

PENED 99EΔ160 (Design and Development of Distributed Service Control Platform by using Mobile Agents and CORBA technologies)

Design and implementation of the platform by using Mobile Agents and CORBA, and implementation of the "Interactive Multimedia Retrieval" service of the platform.

Nov. 1998 – Feb. 1999

EPET II (SS7 compatibility between signaling protocols supported by Siemens EWSD)

Identification of differences in SCCP-TCAP for different versions of the Protocols supported by Siemens EWSD exchange. Development of a test suite, testing ISUP (ISDN User Part) and INAP (Intelligent Network Application Part) protocols. The corresponding results are enclosed in the Appendix of my diploma thesis.

Jan. 1997 – Dec. 1997

REFORM (Resource Failure and Restoration Management in ATM-based Intec Broadband Communication Networks, AC208)

Drivers' design and implementation, supporting a resource reservation protocol for ATM networks and specific configuration of ATM switches FORE ASX-200, CISCO LS-1010 and Olicom.

Publications

Books

B1. George S. Tselikis and Nikolaos D. Tselikas "C: From Theory to Implementation", April 2010 (self-publication), 615 pages, ISBN: 978-960-93-1961-4.

B2. George S. Tselikis and Nikolaos D. Tselikas "C: From Theory to Implementation", May 2012 (self-publication), 624 pages, ISBN: 978-960-93-1961-4 (www.c4all.gr).

B3. George S. Tselikis and Nikolaos D. Tselikas "C: From Theory to Practice", 12 Feb. 2014, CRC Press - Taylor and Francis Group, 518 pages, ISBN-10: 1482214504, ISBN-13: 978-1-4822-1450-5 (<http://www.crcpress.com/product/isbn/9781482214505>).

Book Chapters

BC1. "Application Layer Protocols" second edition of the book "Internet Technologies", Iakovos St. Venieris, Evgenia Nikolouzou, 2006, Tziola Publications (ISBN 960-418-104-1).

BC2. "Digital Subscriber Line (DSL)" second edition of the book "Broadband Networks", Iakovos St. Venieris, 2007, Tziola Publications (ISBN 960-418-103-3).

BC3. "Wireless Broadband Networks" second edition of the book "Broadband Networks", Iakovos St. Venieris, 2007, Tziola Publications (ISBN 960-418-103-3).

BC4. Nikolaos D. Tselikas, Georgia M. Kapitsaki, Dimitrios Makris, Iakovos S. Venieris "Open APIs and Protocols for Services and Applications in Telecoms", edited by In Lee, Handbook of Research on Telecommunications Planning and Management for Business (IGI Global), February 2009, ISBN: 978-1-60566-194-0.

BC5. G. N. Prezerakos, N. D. Tselikas and I. S. Venieris "Distributed Intelligent Network", The handbook of Technology Management, edited by Hossein Bidgoli, (John Wiley & Sons, Inc), 931 pages, February 2010, ISBN: 978-0-470-24948-2.

BC6. G. M. Kapitsaki, G. N. Prezerakos and N. D. Tselikas "Context-aware Web Service Development: Methodologies and Approaches", Enabling Context-Aware Web Services: Methods, Architectures, and Technologies, edited by Dr Michael Sheng, Dr Jian Yu and Prof Dr Schahram Dustdar, CRC Press/Taylor and Francis Group, number of pages: 558, ISBN: 978-1-43980-985-3, May 06, 2010.

Journals

J1. A. Papadakis, E. Chaniotakis, P. Giannakakis, N. Tselikas, I. Venieris "Parlay-based Service Provision in Circuit- and Packet-switched Telecommunications Networks" International Journal of Communication Systems, IJCS, Vol.17 (1), pp. 63-83, Jan 2004 (Wiley).

(Citations: 3)

J2. N. Tselikas, E. Koutsoloukas, S. Kapellaki, E. Chaniotakis and I. Venieris, "An OSA/Parlay based Middleware architecture for Location Based Services", Journal of Personal Wireless Communications, Volume 30, Issue 2 - 4, p.p. 247 – 265 Sep. 2004, (Springer).

(Citations: 7)

J3. C. I. Katsigiannis, D. A. Kateros, E. A. Koutsoloukas, N. D. Tselikas, I. S. Venieris, "Architecture for reliable service discovery and delivery in MANETs based on power

management employing SLP extensions”, IEEE Wireless Communications Magazine, Volume 13, No 5, p.p. 90 – 95, October 2006.

(Citations: 10)

J4. N. Tselikas, S. Kapellaki, E. Koutsoloukas, G. Prezerakos and I. Venieris, “OSA/Parlay based middleware architecture and performance analysis for homogeneous service provision in Next Generation Networks”, Computer Communications Journal (Elsevier), Volume 30, Issue 3, p.p. 564-576, February 2007.

(Citations: 1)

J5. N. D. Tselikas, N. L. Dellas, E. A. Koutsoloukas, S. H. Kapellaki, I. S. Venieris, “Distributed Service Provision using Open APIs-based middleware: “OSA/Parlay vs. JAIN” Performance Evaluation Study”, Journal of Systems and Software (Elsevier), Volume 80, Issue 5, p.p. 765-777, May 2007.

(Citations: 7)

J6. G. V. Lioudakis, E. A. Koutsoloukas, N. L. Dellas, N. D. Tselikas, S. H. Kapellaki, G. N. Prezerakos, D. I. Kaklamani, I. S. Venieris, “A Middleware Architecture for Privacy Protection”, Computer Network Journal (Elsevier), Volume 51, Issue 16, p.p. 4679-4696, November 2007.

(Citations: 42)

J7. N. Pleros, K. Tsagkaris, N. D. Tselikas, "A moving extended cell concept for seamless communication in 60 GHz radio-over-fiber networks," IEEE Communications Letters, vol.12, no.11, pp.852-854, November 2008.

(Citations: 20)

J8. C. A. Papagianni, N. D. Tselikas, E. A. Kosmatos, S. Papapanagiotou, I. S. Venieris “Performance evaluation study for QoS-aware triple play services over entry-level xDSL connections”, Journal of Network and Computer Applications (Elsevier), Volume 32, Issue 1, January 2009, Pages 215-225.

(Citations: 10)

J9. N. Pleros, K. Vyrsoinos, K. Tsagkaris, N.D. Tselikas, “A 60 GHz Radio-Over-Fiber Network Architecture for Seamless Communication With High Mobility”, IEEE Journal of Lightwave Technology, Volume: 27, Issue: 12, pp. 1957-1967, June 15, 2009.

(Citations: 50)

J10. Georgia M. Kapitsaki, George N. Prezerakos, Nikolaos D. Tselikas, Iakovos S. Venieris, “Context-aware service engineering: A survey”, Journal of Systems and Software (Elsevier), Volume 82, Issue 8, Pages 1285-1297, August 2009.

(No. 8 in top 25 hottest articles of JSS for the 3rd quarter 2009:

<http://top25.sciencedirect.com/subject/computer-science/7/journal/journal-of-systems-and-software/01641212/archive/23/>)

(Citations: 85)

J11. C. Papagianni, K. Papadopoulos, C. Pappas, N. D. Tselikas, D. Kaklamani, I. S. Venieris "Particle Swarm Optimization for Communication Network Design", Analele Universitatii din Timisoara, Seria Matematica-Informatica, Volume XLVII, Issue 2, pp. 65-94, 2009.

(Citations: -)

J12. Evangelos A. Kosmatos, Nikolaos D. Tselikas, Anthony C. Boucouvalas "Integrating RFIDs and Smart Objects into a Unified Internet of Things Architecture", Journal of Advances in Internet of Things, Vol.1 No.1, pp.5-12, 2011, DOI: 10.4236/ait.2011.11002.

(Citations: 26)

J13. Ioannis K. Chaniotis, Kyriakos-Ioannis D. Kyriakou, Nikolaos D. Tselikas, "Is Node.js a viable option for building modern web applications? A performance evaluation study", Computing, Springer, pp. 1-22, March 2014, DOI: 10.1007/s00607-014-0394-9.

(Citations: 1)

J14. Georgia M. Kapitsaki, Nikolaos D. Tselikas and Ioannis E. Foukarakis, "An insight into license tools for open source software systems", Journal of Systems and Software (Elsevier), Volume 102, Pages 72-87, April 2015, DOI: 10.1016/j.jss.2014.12.050.

(Citations: -)

Conferences

C1. P. Giannakakis, N. Tselikas, G. Leoleis, I. Venieris, "Architectural framework for the development of an integrated PSTN and Internet network environment", on proceedings of ComCon8 Conference, Rethymno, Greece, July 2001.

(Citations: -)

C2. A. Papadakis, E. Chaniotakis, N. Tselikas, G. Leoleis, I. Venieris "Parlay and Mobile Agents is a Homogenized Service Provision Architecture", on proceedings European Conference on Universal Multiservice Networks (IEEE ECUMN02), Colmar, France, April 2002.

(Citations: 2)

C3. N. Tselikas, S. Kapellaki, E. Koutsoloukas, I. S. Venieris, "Architectural framework for resource management optimization over heterogeneous wireless networks", on proceedings of SPIE's International Symposium on ITCOM'03, Orlando, Florida, USA, 7-11 Sept. 2003.

(Citations: 2)

C4. N. Tselikas, S. Kapellaki, E. Koutsoloukas, S. Maniatis, I. Venieris, “OSA/Parlay based middleware architecture for homogeneous service provision in Next Generation Networks”, on proceedings of Networking 2004 Conference, NGNM’04 Workshop, 14 May 2004.

(Citations: 2)

C5. E. Koutsoloukas, S. Kapellaki, J. Papanis, N. Dellas, N. Tselikas, G. N. Prezerakos, D. I. Kaklamani, I. S. Venieris, “Specification of context-aware mobile services over a distributed brokerage framework: The ubiquitous Media Streaming example”, on proceedings of SoftCOM 2004 conference (International Conference on Software, Telecommunications and Computer Networks), October 11-13, 2004 Split, (Croatia), Venice (Italy).

(Citations: 2)

C6. S. I. Kapellaki, G. N. Glossiotis, N. D. Tselikas, G. N. Prezerakos, I. S. Venieris “An Intelligent Architecture for real-time monitoring and control in industrial environments”, presented on IFAC-MIM’04 conference (IFAC Conference on Manufacturing, Modelling, Management and Control) October 21-22, 2004, Athens, Greece (proceedings by Elsevier).

(Citations: -)

C7. S. Kapellaki, N. Tselikas, E. Chaniotakis, E. Koutsoloukas, G. Prezerakos and I. Venieris, "The “Le” interface: Performance Evaluation of 2-tier and 3-tier 3GPP compliant realizations", on proceedings of IEEE ICC 2005, (IEEE International Conference on Communications), pp. 1423-1427, May 18, 2005 Seoul (S. Korea).

(Citations: 3)

C8. E. Koutsoloukas, S. Kapellaki, G.N. Prezerakos, N. Tselikas, I.S. Venieris, D. I. Kaklamani, “Asynchronous event-based communication across Service Brokers”, on proceedings of European Wireless 2006 Conference, April 2 - 5, 2006, Athens, Greece.

(Citations: -)

C9. E. A. Koutsoloukas, S. H. Kapellaki, N. D. Tselikas, N. L. Dellas, J. P. Papanis, G. N. Prezerakos, I. S. Venieris, “An event based communication middleware for personalized service provision: design & evaluation” on proceedings of Networking 2006 Conference, NGNM’06 Workshop, 19 May 2006, Coimbra, Portugal.

(Citations: -)

C10. G. P. Sotiropoulos, D. K. Styliaras, E. A. Kosmatos, C. A. Papagianni, N. D. Tselikas and I. S. Venieris, “Triple Play Service Simulation and Packet Scheduling Performance Evaluation”, on proceedings of IEEE ICDT Conference, August 2006, Cap Esterel, Côte d’Azur, France.

(Citations: 8)

C11. G. Bartolomeo, N. Blefari Melazzi, S. Kapellaki, E. Koutsoloukas, F. Martire, G. N. Prezerakos, S. Salsano, N. D. Tselikas, I. S. Venieris, “The Simplicity project and its demonstrator: improving ease of use and personalization of ICT services”, on proceedings of IEEE GLOBECOM 2006 Conference, November 2006, San Francisco, California, USA.

(Citations: 3)

C12. G. N. Prezerakos, N. D. Tselikas, G. Cortese, "Model-driven Composition of Context-aware Web Services Using ContextUML and Aspects", on proceedings of IEEE International Conference on Web Services (IEEE ICWS 2007), Salt Lake City, Utah, USA, July 9-13, 2007.

(Citations: 43)

C13. I. E. Foukarakis, V. Atlamazoglou, N. Papandreou, T. Thireou, N. D. Tselikas, D. I. Kaklamani, E Eliopoulos “Grid Enabled Simulation of 3D Folding Of Proteins By Predicting Critical Amino Acid Positions”, in proceedings of HellasGrid, European Conference, 10-11 Jan. 2008, Athens, Greece.

(Citations: -)

C14. T.E. Athanaileas, N.D. Tselikas, G.V. Tsoulos, D.I. Kaklamani, “An Agent-Based Framework for Integrating Mobility into Grid Services”, in proceedings of ACM Mobilware’08 Conference (ACM International Conference on MOBILE Wireless MiddleWARE, Operating Systems and Applications), February 12-15, 2008, Innsbruck, Austria.

(Citations: 17)

C15. C. A. Papagianni, N. D. Tselikas, E. A. Kosmatos, A. Papadakis, T. Keutgen, D. I. Kaklamani, I. S. Venieris “A Complete Content Production and Delivery System in a Controlled Multimedia Network”, in proceedings of IEEE International Symposium on Computers and Communications (IEEE ISCC 2008), July 6 - 9, 2008, Marrakech, Morocco.

(Citations: 1)

C16. D. A. Kateros, G. M. Kapitsaki, N. D. Tselikas and I. S. Venieris, “A Methodology for Model-Driven Web Application Composition”, in proceedings of IEEE International Conference on Services Computing (IEEE SCC 2008), July 8-11, 2008, Honolulu, USA.

(Citations: 10)

C17. T. Klikas, D. Koromilas, P. Nostimos, G. Margaritis, A. C. Boucouvalas, N. D. Tselikas “The Bungled Road Project: An advanced Web 2.0 Application”, in proceedings of International Scientific Conference (eRA – 3) for the contribution of Information Technology to Science, Economy, Society and Education, 21 September 2008, Aegina island, Greece.

(Citations: -)

C18. C. Papagianni, K. Papadopoulos, C. Pappas, N. D. Tselikas, “Communication Network Design Using Particle Swarm Optimization”, in proceedings of International Multiconference on Computer Science and Information Technology (IEEE IMCSIT 2008), Page(s):915 - 920, 20-22 October 2008, Wisla, Poland.

(Citations: 18)

C19. C. Papagianni, G. Karagiannis, N. D. Tselikas, E. Sfakianakis, I. P. Chochliouros, D. Kabilafkas, T. Cinkler, L. Westberg, P. Sjodin, M. Hidell, S. Heemstra de Groot, T. Kontos, C. Katsigiannis, C. Pappas, A. Antonakopoulou, I. S. Venieris, “Supporting End-to-End Resource Virtualization for Web 2.0 Applications Using Service Oriented Architecture”, in proceedings of IEEE GLOBECOM Workshops (IFSOI), Nov. 30 - Dec. 4 2008, New Orleans, LA, USA.

(Citations: 2)

C20. G. M. Kapitsaki, D. A. Kateros, C. A. Pappas, N. D. Tselikas, I. S. Venieris, “Model-Driven Development of Composite Web Applications” , in proceedings of 10th ACM International Conference on Information Integration and Web-based Applications and Services (ACM iiWAS 2008), 24-26 Nov. Linz, Austria.

(Citations: 4)

C21. K. Tsagkaris, N. D. Tselikas, N. Pleros, "A Handover scheme based on Moving Extended Cells for 60 GHz Radio-over-Fiber networks", IEEE ICC 2009, (IEEE International Conference on Communications), June 14-18, 2009, Dresden, Germany.

(Citations: 9)

C22. N. Pleros, K. Vyrsoinos, K. Tsagkaris, N.D. Tselikas, "Seamless Communication in Picocellular 60GHz Radio-over-Fiber Networks", IEEE/LEOS Summer Topicals Meeting on Radio-over-Fiber Access Networks, 20-22 July 2009, Newport Beach, California, USA.

(Citations: 3)

C23. Christos K. Datsikas, Kostas P. Peppas, Nikos C. Sagias, Nikolaos D. Tselikas, George S. Tombras "Bit Error and Outage Probability of Serial Relaying Communication Systems", 14th Panhellenic Conference on Informatics, PCI 2010, Sept. 10-12, Tripoli, Greece.

(Citations: -)

C24. Nikolaos D. Tselikas, George S. Tselikis, Nikos C. Sagias "Software and Middleware Technologies Based on Open APIs and Protocols for Modern Service Provision in Telecoms", 14th Panhellenic Conference on Informatics, PCI 2010, Sept. 10-12, Tripoli, Greece.

(Citations: 2)

C25. Athanasios Keskepempes, Anthony Roussos, Nikolaos D. Tselikas and Anthony C. Boucouvalas "Seismicity online grid map for regional earthquake activity studies", 15th Panhellenic Conference on Informatics, PCI 2011, Sept. 30 – Oct. 2, Kastoria, Greece

(Citations: 1)

C26. A. P. Athanasiou, C. N. Raftopoulos, E. D. Thanos, G. V. Kritharellis, N. D. Tselikas, I. E. Foukarakis and A. C. Boucouvalas "Towards privacy-aware target advertising", accepted in 16th Panhellenic Conference on Informatics, PCI 2012.

(Citations: -)

C27. D. P. Soukaras, I. K. Chaniotis, I. G. Karagiannis, I. S. Stampoglou, C. A. Triantafyllou, N. D. Tselikas, I. E. Foukarakis and A. C. Boucouvalas "Augmented audio reality mobile application specially designed for visually impaired people", accepted in 16th Panhellenic Conference on Informatics, PCI 2012.

(Citations: 1)

C28. Ioannis E. Foukarakis, Georgia M. Kapitsaki, Nikolaos D. Tselikas "Choosing licenses in free open source software", 24th International Conference on Software Engineering and Knowledge Engineering (SEKE 2012), July 1-3, Redwood City, San Francisco Bay, USA .

(Citations: 1)

C29. A. Papadakis, M. Samarakou, N. Tselikas, G. Tsaganou, P. Prentakis, " Enhancing Laboratory Experience and Assessment through Monitoring and Processing of Students' Activities", IEEE EDUCON 2013, March 13-15, 2013, Berlin, Germany.

(Citations: -)

C30. Maria Samarakou, Emmanouil Fylladitakis, Pantelis Prentakis, Andreas Papadakis, John Gelegenis, Grammatiki Tsaganou, Nikolaos Tselikas, «A student diagnosing and evaluation system for laboratory-based academic exercises», In Proceedings of Society for Information Technology & Teacher Education (SITE 2013) International Conference 2013 (pp. 4038-4043), March 25, 2013, New Orleans, Louisiana, USA.

(Citations: 1)

C31. Ioannis K.Chaniotis, Kyriakos-Ioannis D. Kyriakou and Nikolaos D. Tselikas, "Proximity: a real-time, location aware social web application built with node.js and AngularJS", 10th International Conference on Mobile Web Information Systems (MobiWIS 2013), Aug. 26-28, 2013, Paphos, Cyprus.

(Citations: 1)

C32. M. I. Tourlos, A.I. N. Paraskevopoulos, C. T. Pezirkianidis, S. S. Stavrianidis, I. A. Pavlopoulos, N. D. Tselikas and A. C. Boucouvalas "A Real Virtuality Application: the Real

Farmer Game", The 5th International Conference on Emerging Network Intelligence (IARIA EMERGING 2013), Sep. 29 – Oct. 3, 2013, Porto, Portugal.

(Citations: -)

C33. Nikolaos D. Tselikas, Evangelos A. Kosmatos, Anthony C. Boucouvalas, "Performance Evaluation of Handoff Algorithms applied in Vehicular 60GHz Radio-over-Fiber Networks", 8th ACM Workshop on Performance Monitoring and Measurement of Heterogeneous Wireless and Wired Networks, Nov. 1-8, Barcelona, Spain.

(Citations: 1)

C34. Evangelos A. Kosmatos, Nikolaos D. Tselikas and Anthony C. Boucouvalas "Evaluating Dominant Handoff Schemes for Vehicular Radio-over-Fiber Networks @60GHz", 11th IEEE Consumer Communications and Networking Conference (IEEE CCNC 2014), Jan. 10-13, 2014, Las Vegas, Nevada, USA.

(Citations: 1)

C35. Nikolaos D. Tselikas, Maria Samarakou, Dimitrios Karolidis, Pantelis Prentakis and Spyros Athineos, "Automatic Plagiarism Detection in Programming Laboratory Courses", 7th International Conference on Information Systems, IADIS-IS 2014, pp. 232-238, Madrid, Spain, Feb. 28 - Mar. 2, 2014.

(Citations: -)

C36. N. C. Sagias, R. K. Mallik, and N. D. Tselikas, "Asymptotic analysis for dual-hop communication networks with PSK and imperfect CSI", IEEE International Conference on Wireless Communications and Networking Conference (IEEE WCNC 2014), pp. 869-874, Istanbul, Turkey, 6-9 April 2014.

(Citations: -)

C37. Evangelos A. Kosmatos, Nikolaos D. Tselikas, and Nikos C. Sagias, "Minimizing Packet Loss in High-mobility Radio-over-fiber Networks", 9th IEEE/IET International Symposium on Communication Systems, Networks & Digital Signal Processing (CSNDSP 2014), pp.117-121, Manchester, UK, 23-25 July 2014.

(Citations: 1)

C38. Nikolaos D. Tselikas and Evangelos A. Kosmatos, "A Handoff Algorithm for Packet Loss Optimization in Vehicular Radio-over-Fiber Picocellular Networks", 3rd IEEE International Conference on Connected Vehicles and Expo (IEEE ICCVE), Vienna, Austria, Nov. 3-7, 2014.

(Citations: -)

C39. Nikolaos D. Tselikas, Evangelos A. Kosmatos and Anthony C. Boucouvalas, "The Moving Extended N-Cells Handover Algorithm in Vehicular Radio-over-Fiber Networks at 60GHz", 19th IEEE International Workshop on Computer-Aided Modeling Analysis and Design of Communication Links and Networks (IEEE CAMAD 2014), Athens, Greece, Dec. 1-3, 2014.

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C41. Kyriakos-Ioannis D. Kyriakou, Ioannis K. Chaniotis, and Nikolaos D. Tselikas, "The GPM meta-transcompiler: Harmonizing JavaScript-oriented Web Development with the upcoming ECMAScript 6 "Harmony" Specification", 12th IEEE Consumer Communications and Networking Conference (IEEE CCNC 2015), Jan. 9-12, 2015, Las Vegas, Nevada, USA.

(Citations: -)

Scientific Contribution

401 citations (source: Google Scholar) of my work presented at international journals, magazines, conferences, workshops, technical reports and PhD thesis.

The Greek version of the book "C: From Theory to Practice", is included in the corresponding proposed lists of textbooks (EUDOXUS) regarding C programming language courses, in 50 Departments of Greek Universities and Technical Educational Institutions, while the English version of the book is the proposed textbook in several Universities worldwide, respectively.

Program Committee Memberships

Reviewer in the following journals:

- IEEE Communications Letters
- IEEE Transactions on Mobile Computing
- IEEE e-Transactions on Network and Service Management
- Journal of Systems and Software, Elsevier

- Computer Communications, Elsevier
- Pervasive and Mobile Computing, Elsevier
- Telecommunication Systems Journal, Springer
- Wireless Communications and Mobile Computing, Wiley
- International Journal of Applied Systemic Studies, Interscience
- Wireless Communications and Networking, Springer

Program Committee co-chair in PCI 2010 and Technical Program Committee Member in the following conferences: IEEE SCC, IEEE ICWS, IEEE ICC, IEEE VTC, IEEE ICON, IEEE IPOM, IEEE ISCC, IEEE PIMRC, ACM Ubiquitous, ACM MASCOTS, ACM WMASH, ISWPC, MATA, e-democracy, PCI, ICT, ITS, MobiWIS, EUREKA, etc.