CURRICULUM VITAE

Surname   : **Antonopoulos**

Name   : **Christos**

Father's Name   : **Panagiotis**

Date of Birth   : **30 / 5 / 1978**

Home Address   : **Mesologiou 36**

                       Patra, 26222

E-mail   : **ch.antonop@gmail.com, chra@intracom.gr**

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Education
- ✓ Diploma degree in Electrical and Computer Engineering, Electrical and Computer Engineering Department, University of Patras, Greece (22 /3/ 2002).
  - ✓ Dimploma Thesis: **"**Wireless Industrial Network Medium Access Layer Communication Protocols"
- ✓ Ph.D degree in Electrical and Computer Engineering, Electrical and Computer Engineering Department, University of Patras, Greece, (18/7/2008)
  - ✓ Thesis Subject: "Design and development of cross-layer communication architectures for de-centralized wireless sensor network under real-time communication constrains"

Military Duties
- ✓ For the period 9/2/2009 - 9/1/2010 I served at the Signal Core of the Greek Army and specifically at the use of wireless telecommunication system "ΕΡΜΗΣ".

Computer Knowledge:
- ✓ Very good knowledge of: Windows, Word, Excel , Power Point, PhotoShop, Front Page, DOS, Unix, Linux.
- ✓ Familiar with various programming environments: Visual Basic, C, C++, Fortran, Pascal Assembly για Intel processors και DSP processors, OTcl, Awk, SDL, Java, Matlab.
- ✓ Very good knowledge on computer and network architecture.
- ✓ Very good knowledge in computer network communication protocols.

Research activities:
- ✓ Member of the research stuff of the Applied Electronics Laboratory, Department of Electrical and Computer Engineering University of Patras

Greece from 2002 with participation in substantial number of research projects as well as a teaching assistant.

- ✓ Preparation and successful completion of PhD Thesis in the area of Design and development of cross-layer communication architectures for de-centralized wireless sensor network under real-time communication constrains under the supervision of Professor Stavros Koubias.
- ✓ Participation at the supervision of Diploma Thesis at the same laboratory with titles
  - o «Design and Simulation of Industrial Application based on Wireless Local Network».
  - o «Evaluation of the TCP Transfer Protocol in Local Ethernet Networks Focusing on Application with Real-time Communication Constrains »
- ✓ Session chair of «Advanced Control Issues I» at the 10th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA 2005), 19-22 September 2005 Catania, Italy
- ✓ Reviewer at:
  - o **1)** IEEE Transactions on Wireless Communication
  - o **2)** 5th IEEE International Symposium on communication Systems, Networks and Digital Signal Processing
  - o **3)** ACM Transactions On Embedded Computing Systems
  - o **4)** IEEE Communications Magazine
  - o **5)** Elsevier Computer Networks
- ✓ Member of the technical committee at the international conference «2009 International Workshop on Wireless Pervasive Healthcare (WiPH)»

Teaching Experience:

- ✓ From September 2002 to June 2006, Laboratory Associate at the Department of Enterprise Management at the Technical Education Institute (TEI) Patras, Greece. At the same department I have participated in the examination and evaluation of substantial number of Diploma Thesis.
- ✓ From September 2003 I teach as Laboratory Associate for the course of Digital Systems at the department of Electrical Engineering, TEI Patras, Greece.
- ✓ From 2008 I teach as Laboratory Associate for the course of "Microcomputers I" and "Microcomputers II" at the department of Electrical Engineering, TEI Patras, Greece.
- ✓ As a post-graduate student and PhD candidate I performed the following teaching assistant duties at the Applied Electronics Laboratory, Department of Electrical and Computer Engineering, Patras, Greece.
  - o Advanced Microprocessors: winter semesters of 2002-2003, 2003-2004, 2004-2005, 2005-2006, 2006-2007
  - o Integrated Digital Electronics: summer semester of 2002-2003
  - o Microcomputers I and II: summer semester of 2003-2004, 2004-2005, 2005-2006
- ✓ Instructor at seminar's practical exercise entitled «Staff Members on Telecommunication System and Network Development». This exercise took place at the premises of INTRACOM TELECOM Patras during the time period 6/9/2004 – 22/10/2004.

Professional Experience

✓ For the time period 9/2002-6/2005 to 12/2005-9/2006 as member of the research team of Industrial System Institute (ISI) participated at the LOCCATEC (Project IST-2000-29401) European Research project.

✓ For the time period 10/2006-2/2007 as member of the research team of Industrial System Institute (ISI) participated at the BETSY European Research project.

✓ For the time period 4/2005-9/2005 through the Research Committee of University of Patras, Greece participated at the INNO-UTILITES (Project IPS-2001-42014) European Research project.

✓ For the time periods 1/1/2005 – 30/3/2005 & 1/6/2005 – 31/8/2005 as member of the research team of Industrial System Institute (ISI) participated at the National project entiled "Center of Coomerical and Technological Development of Western Greece"

✓ As member of the Applied Electronics lab research team participated in the project "PYTHAGORAS II Support of Unversity Research Teams" in the area of research and development of distributed systems regarding real time communication of heterogeneous wired and wireless networks.

✓ For the time period 1/10/2006 – 30/6/2009 as member of the research team of Industrial System Institute (ISI) participated at the uSWN (FP6-2005-IST-034642) European Research project.

✓ For the time period 1/8/2006 μέχρι 13/2/2009 and from 1/10/2009 and forth I am a member of the R&D team of INTRACOM Telecom participating both in the area of product development (WiMAX Base Station) as well as in the area of European Research projects (FIREWORKS, MEMBRANE, ROCKET, ACCORDANCE) both in the technical and managerial aspects of the projects. Additionally I have participated in the preparation and submission of several proposals.

✓ For the time period 9/2/2009 to 9/1/2010 as part of my military duties at the Signal Corps of Greek army I was trained on the wireless telecommunication system ERMHS.

Publications at International Journals

[1.J] N. Pogkas, G. Karastergios, **C. Antonopoulos**, S. Koubias, G. Papadopoulos " **Architecture Design and Implementation of an Ad-Hoc Network for disaster relief operations** " IEEE Transactions on Industrial Informatics, Vol. 3, No. 1, February 2007

[2.J] **Ch. Antonopoulos**, S. Koubias, "**Congestion Control Framework for Ad-Hoc Wireless Networks**," Springer Wireless Personal Communication, January 2009, ISSN: 0929-6212 (Print) 1572-834X (Online)

[3.J] E. Topalis, A. Prayati, **C. Antonopoulos**, S. Giannoulis, A. Athanasopoulos, S. Koubias, "**An Interoperability Framework for Heterogeneous Networked Systems**" GESTS International Transactions on Computer Science on Engineering

[4.J] **Ch. Antonopoulos**, A. Prayati, T. Stoyanova, C. Koulamas, G. Papadopoulos, "**A Modeling Approach on the TelosB WSN Platform Power Consumption**," Elsevier Journal of Systems and Software, Volume 83, issue 8, p. 1355-1363 August 2010

[5.J] Al. Maltsev, R. Maslennikov, Al. Khoryaev, A. Lomayev, **Ch. Antonopoulos**, K. Avgeropoulos, A. Alexiou, F. Boccardi, Y. Hou, K. K. Leung, "**MIMO and Multihop Cross-Layer Design for Wireless Backhaul – A Testbed Implementation**," IEEE Communications Magazine, Vol.48, No.3 March 2010

[6.J] **C. Antonopoulos**, "On BS/BS Coordination towards Interference Minimization in WiMAX Networks", Elsevier Computer Networks (accepted)

IEEE Task Groups Contributions

[1.TG] C. Antonopoulos, K. Stamatis "Proposal of an RS Concept Utilizing True Sectoring Capabilities" Contribution to Session #47 802.16 relay TG, 5th Task Group Meeting on Multi-hop Relay in IEEE 802.16, 15-18 Jan,2007 London, UK

Books – Educational Notes

1. Contributor at the "Problem Solving for Wireless Sensor Networks" book, Springer, 2009
2. Co-author for the Laboratory Notes of "Digital Systems" course at the Department of Electrical Engineering, TEI Patras, Greece.
3. Co-author for the Laboratory Notes of "Microcomputers I" course at the Department of Electrical Engineering, TEI Patras, Greece.
4. Co-author for the Laboratory Notes of "Microcomputers II" course at the Department of Electrical Engineering, TEI Patras, Greece.

Publications at Internationals Conference Proceedings

[1.C] C. P. Antonopoulos, V. Kapsalis, S. A. Koubias "**An Efficient Simulator for the Profibus-DP MAC Layer Protocol**" Conference on Manufacturing, Modelling, Management and Control, *International Federation of Automatic Control (IFAC – MIM '04),* October 21-22, 2004, Athens Greece

[2.C] C. Antonopoulos, S. Giannoulis, S. Koubias, I. Lymperopoulos "**The Effect of Power Consumption on the Real Time Performance of Routing Protocols for Ad Hoc Wireless Networks**," IEEE International Conference on Emerging Technologies and Factory Automation (ETFA 2005), 19-22 September 2005 Catania, Italy

[3.C] C. Antonopoulos, A. Athansopoulos, S. Giannoulis, A. Prayati, E. Topalis, S. Koubias "**A Framework Architecture Supporting QoS-Power Trade-offs for Heterogeneous Network Systems**" IEEE International Conference on Emerging Technologies and Factory Automation (ETFA 2005), 19-22 September 2005 Catania, Italy

[4.C] N. Pogkas, G. Karastergios, C. Antonopoulos, S. Koubias, G. Papadopoulos "**An ad-hoc sensor network for disaster relief operations**" IEEE International Conference on Emerging Technologies and Factory Automation (ETFA 2005), 19-22 September 2005 Catania, Italy

[5.C] S. Giannoulis, C. Antonopoulos, E. Topalis, S. Koubias "**ZRP versus DSR and TORA : A comprehensive survey on ZRP performance**" IEEE International Conference on Emerging Technologies and Factory Automation (ETFA 2005), 19-22 September 2005 Catania, Italy

[6.C] A. Athanasopoulos, E. Topalis, C. Antonopoulos, S. Koubias, "**Evaluation Analysis of the Performance of IEEE 802 11b and IEEE 802 11g Standards**", ICN 2006, 4th IEEE International Conference on Networking, Mauritius, 23-29 April 2006

[7.C] A. Athanasopoulos, S. Giannoulis, C. Antonopoulos, A. Prayati, E. Topalis, S. Koubias, "**Performance evaluation of hybrid wired/wireless LANs for multimedia-like data traffic**" 5th IEEE International Symposium on Communication Systems, Networks and Digital Signal Processing, 19-21 July 2006 Patras Greece

[8.C] S. Giannoulis, C. Antonopoulos, E. Topalis, A. Athanasopoulos, A. Prayati, S. Koubias, "**TCP vs UDP Performance Evaluation for CBR Traffic On Wireless Multihop Networks**" 5th IEEE International Symposium on Communication Systems, Networks and Digital Signal Processing, 19-21 July 2006 Patras Greece

[9.C] C. Antonopoulos, P. Chondros, A. Athanasopoulos, S. Koubias "**Comparative Performance Evaluation of 802.15.4 and 802.11b for Usage in Ad-Hoc Wireless Networks**" 6th IEEE International Workshop on Factory Communication Systems (WFCS '06), June 27-30, 2006, Torino Italy

[10.C] C. Antonopoulos, A. Athanasopoulos S. Koubias "**A Simulation Study On Dropping Tendencies of an ad-hoc Wireless Networks**" 11th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA '06), September 20-22, 2006, Prague, Czech Republic

[11.C] A. Athanasopoulos, E. Topalis, C. Antonopoulos, S. Koubias, "**802.15.4: The effect of different back-off schemes on power and QoS characteristics**", ICWMC 2007, 3rd IEEE International Conference on Wireless and Mobile Communications, Guadeloupe, French Caribbean, March 4-9, 2007

[12.C] A. Athanasopoulos, C. Antonopoulos, E. Topalis, S. Koubias, "**Enhanced MAC Algorithm for Low Latency Applications in beaconless CSMA/CA Ad Hoc IEEE 802.15.4 LR-WPANs**" IASTED International Conference on "Wireless and Optical Communications -WOC 2007, Montreal, Quebec, Canada - May 30 – June 1, 2007

[13.C] Ch. Antonopoulos, S. Stamatis, "**Introducing and Evaluating a Relaying Concept for the IEEE 802.16 Wireless Metropolitan Networks**" 12th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA '07), September 25-28, 2007 - Patras – Greece

[14.C] A. Prayati, Ch. Antonopoulos, E. Topalis, S. Koubias, "**A Framework Architecture Supporting Interoperability for Heterogeneous Networked Systems**" 16th IEEE Mediterranean Conference on Control and Automation, June 25-27, 2008, Corsica, France

[15.C] Il. Panayiotopoulos, A. Valkanas, Ch. Antonopoulos, Seb. Simoens, P. Rosson, B. Wolz, R. Hoshyar, J. Vidal, R. Bestak, A. Mittoni, "**The FIREWORKS Project: Flexible Relay Wireless OFDM(A)-based Networks**" ICT-Mobile Summit 2008, 10-12 June 2008, Stockholm, Sweden

[16.C] Ch. Antonopoulos, "**On SDMA Transmission Considering an Efficient MAC Based IEEE 802.16 Relay Station**", 4th IEEE International Conference On Wireless and Mobile Computing, Networking and Communication, 12-14 October 2008 Avignon, France

[17.C] Ch. Antonopoulos, A. Prayati, T. Stoyanova, C. Koulamas, G. Papadopoulos "**Experimental Evaluation of a WSN Platform Power Consumption**", 23rd IEEE International Parallel and Distributed Processing Symposium (IPDPS '09)/8th International Workshop on Performance Modeling, Evaluation and Optimization of Ubiquitous Computing and Networked Systems (PMEO-UCNS '09) 25-29 May, 2009 Rome Italy

[18.C] Ch. Antonopoulos, A. Prayati, F. Kerasiotis, G. Papadopoulos, "**CSMA-MAC Performance Evaluation for WSN Applications**", 3rd International Conference on Sensor Technologies and Applications (SENSORCOMM 2009), 18-23 June, Athens/Vouliagmeni, Greece

[19.C] A. Prayati, F. Kerasiotis, Ch. Antonopoulos, S. Giannoulis, T. Stoyanova, G. Papadopoulos, "**An Overview of Development Problems in WSNs**", 2009 International Workshop on Wireless Pervasive Healthcare (WiPH 2009), March 31, 2009, London UK

[20.C] S. Giannoulis, A. Prayati, C. Antonopoulos, G. Papadopoulos, "**A.M.O.R : An Adaptive Routing Mechanism for WSN Health Applications**" 2009 International Workshop on Wireless Pervasive Healthcare (WiPH 2009), March 31, 2009, London UK

[21.C] A. Kotsiolis, C. Antonopoulos, S. Koubias, "**PERFORMANCE EVALUATION OF TCP ALGORITHMS ON HYBRID WIRED/WIRELESS LAN TEST-BED**", International Conference on Data Communication Networking, DCNET 2010, Athens, 26-28 July 2010, Greece

[22.C] F. Kerasiotis, A. Prayati, C. Antonopoulos, C. Koulamas, G. Papadopoulos, "**Battery Lifetime Prediction Model for a WSN Platform**", 4th International Conference on Sensor Technologies and Applications (SENSORCOMM 2010), 18-25 July, Venice/Mestre, Italy

Participation at International Conference by Presentation

[1] C. P. Antonopoulos, V. Kapsalis, S. A. Koubias "**An Efficient Simulator for the Profibus-DP MAC Layer Protocol**" Conference on Manufacturing, Modelling, Management and Control, *International Federation of Automatic Control (IFAC – MIM '04),* October 21-22, 2004, Athens Greece

[2] C. Antonopoulos, S. Giannoulis, S. Koubias, I. Lymperopoulos "**The Effect of Power Consumption on the Real Time Performance of Routing Protocols for Ad Hoc Wireless Networks**", IEEE International Conference on Emerging Technologies and Factory Automation (ETFA 2005), 19-22 September 2005 Catania, Italy

[3] N. Pogkas, G. Karastergios, C. Antonopoulos, S. Koubias, G. Papadopoulos "**An ad-hoc sensor network for disaster relief operations**" IEEE International Conference on Emerging Technologies and Factory Automation (ETFA 2005), 19-22 September 2005 Catania, Italy

[4] A. Miaoudakis , Ac. Lekkas , Gr. Kalivas , S. Koubias "**Radio channel Characterization in Industrial Environments and Spread Spectrum Modem Performance**" IEEE International Conference on Emerging Technologies and Factory Automation (ETFA 2005), 19-22 September 2005 Catania, Italy

[5] C. Antonopoulos, P. Chondros, A. Athanasopoulos, S. Koubias "**Comparative Performance Evaluation of 802.15.4 and 802.11b for Usage in Ad-Hoc Wireless Networks**" 6th IEEE International Workshop on Factory Communication Systems (WFCS '06), June 27-30, 2006, Torino Italy

[6] C. Antonopoulos, A. Athanasopoulos S. Koubias "**A Simulation Study On Dropping Tendencies of an ad-hoc Wireless Networks**" 11th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA '06), September 20-22, 2006, Prague, Czech Republic

[7] Ch. Antonopoulos, S. Stamatis, "**Introducing and Evaluating a Relaying Concept for the IEEE 802.16 Wireless Metropolitan Networks**" 12th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA '07), September 25-28, 2007 - Patras – Greece

[8] Ch. Antonopoulos, "**On SDMA Transmission Considering an Efficient MAC Based IEEE 802.16 Relay Station**", 4th IEEE International Conference On Wireless and Mobile Computing, Networking and Communication, 12-14 October 2008 Avignon, France

Co-author at European Research Project Deliverables

[1] "LOCCATEC WP6 Deliverable D6_1 - Complete LOCCATEC Prototype DD007"

[2] "FIREWORKS WP5 Deliverable 5D1 – Scenarios, applications and test plan for prototype based proof of concept"

[3] "FIREWORKS WP3 Milestone 3M1 – Preliminary requirements for enhanced MAC protocols"

[4] "FIREWORKS WP1 Deliverable 1D2 – Report on System Requirements"

[5] "FIREWORKS WP3 Deliverable 3D1 – Preliminary requirements for enhanced MAC protocols"

[6] "FIREWORKS WP3 Milestone 3M3 – MAC/PHY Interface Design"

[7] "FIREWORKS WP3 Deliverable 3D2 – Draft Specification for the enhanced WMAN and WLAN MAC Protocols"

[8] "FIREWORKS WP4 Deliverable 4D2 – Detailed description of AAS and selected PHY techniques for Relay/Mesh based Networks"

[9] "FIREWORKS WP5 Deliverable 5D2 – Baseband and MAC blocks complexity analysis and implementation for the prototype"

[10] "MEMBRANE WP5 Deliverable D5.2.2 – Report on the HW Demonstrator (Prototype)"

[11] "MEMBRANE WP5 Deliverable D5.2.3 – Membrane Prototype Evaluation"

[12] "ROCKET WP4 Milestone 4M2 – Preliminary version of deliverable 4D2 'Multi-cell Coordination Techniques for OFDMA Multi-hop Cellular Networks

Citations

[1] At [4.C] S. Saha, M. Matsumoto, **"Performance analysis of WSNDM (Wireless Sensor Network Protocol for Disaster Management)"** IDC 07, 6th International Conference on Interaction Design and Children June 6-8, 2007, Aalborg, Denmark

[2] At [4.C] S. Saha, M. Matsumoto, **"A wireless sensor network protocol for disaster management"** IDC 07, 6th International Conference on Interaction Design and Children June 6-8, 2007, Aalborg, Denmark

[3] At [9.C] S. Vitturi, I. Carreras, D. Miorandi, L. Schenato, A. Sona, "**Experimental Evaluation of an Industrial Application Layer Protocol over Wireless Systems**", IEEE Transaction on Industrial Informatics, Volume 3, Issue 4, pages 275-288, November 2007

[4] At [5.C] Zheng Wu, Yi Sun, Jiankang Wu and Shiwei Ye, **"Robust Multi-Path Zone Routing Protocol for Video Transport Over Reconfigurable Wireless Networks"**, The Journal of VLSI Signal Processing, 2007 Springer Science + Business Media, LLC. Manufactured in The United States, DOI: 10.1007/s11265-007-0106-1.

[5] At [5.C] from Miguel Angel Rojas, Herwig Unger, Hauke Coltzau, **"Self-Balanced and Self-Adaptive Routes in Unstructured P2P Networks"**, IEEE ICONS 2007, 2nd International Conference on Systems (ICONS'07), 0-7695-2807-4/07 IEEE 2007, April 22 - 28, 2007 - Sainte-Luce, Martinique.

[6] At [11.C] from Book: **"Wireless Personal Area Networks"**, Wiley Series on Wireless Communications and Mobile Computing, Published: 8 Jan 2008, Author(s): Jelena Mii, Vojislav B. Mii, Series Editor(s): Dr. Xuemin (Sherman) Shen, Dr. Yi Pan, Print ISBN: 9780470518472, Online ISBN: 9780470986424, Copyright © 2008 John Wiley & Sons, Ltd.

[7] At [1.J] from: Antonopoulos, C., Koubias, S., "**Congestion control framework for Ad-hoc wireless networks**", Springer Wireless Personal Communication, January 2009, ISSN: 0929-6212 (Print) 1572-834X (Online)

[8] At [1.J] from: Ch. Antonopoulos, A. Prayati, T. Stoyanova, C. Koulamas, G. Papadopoulos "**Experimental Evaluation of a WSN Platform Power Consumption**", 23rd IEEE International Parallel and Distributed Processing Symposium (IPDPS '09)/8th International Workshop on Performance Modeling, Evaluation and Optimization of Ubiquitous Computing and Networked Systems (PMEO-UCNS '09) 25-29 May, 2009 Rome Italy

[9] At [1.J] from: Lobello, L., Toscano, E. "**An adaptive approach to topology management in large and dense real-time wireless sensor networks**" IEEE Transactions on Industrial Informatics 5 (3), art. no. 5161339, pp. 314-324.

[10] At [1.J] from: Huang, C.-M., Ku, H.-H., Kung, H.-Y., "Efficient power-consumption-based load-sharing topology control protocol for harsh environments in wireless sensor networks" IET Communications 3 (5), pp. 859-870

[11] At [1.J] from: Baldi, M., Giacomelli, R., Marchetto, G. "**Time-driven access and forwarding for industrial wireless multihop networks**" IEEE Transactions on Industrial Informatics 5 (2), art. no. 4814524, pp. 99-112

[12] At [5.C] from: Farhat Anwar, Md. Saiful Azad, Md. Arafatur Rahman, and Mohammad Moshee Uddin, "**Performance Analysis of Ad hoc Routing Protocols in Mobile WiMAX Environment** " IAENG international Journal of computer science July 2008,vol: 35, issue: 3,pages:353-360

[13] At [5.C] from: Farhat Anwar, Md. Saiful Azad, Md. Arafatur Rahman, in Book chapter "**Performance of Ad Hoc Routing Protocols in Mobile WiMAX Environment**" of Book "Trends in Communication Technologies and Engineering Science" in Springer Book Series "Lecture Notes in Electrical Engineering",ISSN 1876-1100 (Print) 1876-1119 (Online)

[14] At [5.C] from: Md. Saiful Azad, Mohammad Moshee Uddin, Farhat Anwar, and Md. Arafatur Rahman, "**Performance Evaluation of Wireless Routing Protocols in Mobile WiMAX Environment**", Proceedings of the International MultiConference of Engineers and Computer Scientists 2008 Vol II IMECS 2008, 19-21 March, 2008, Hong Kong

[15] At [5.C] from: C. A. Dhote, M.A.Pund, R.S. Mangrulkar, Makarand R. Shahade, "**Hybrid Routing Protocol with Broadcast Reply for Mobile Ad hoc Network**", 2010 International Journal of Computer Applications (0975 − 8887) Volume 1 − No. 10

[16] At [5.C] from: Morten Dahl, Claus Thrane, Uffe Sørensen and Martin Clemmensen, "**A Distributed Database System in a dynamic peer-to-peer environment**", Technical Report, Aalborg University, Department of Computer Science 2005

[17] At [5.C] from: V. Kanakaris, D. Ndzi and D. Azzi, "**Ad-hoc sensor networks energy consumption: A review of the TORA protocol**", The 9th Hellenic European Research on Computer Mathematics & its Applications Conference September 24-26, 2009

[18] At [5.C] from: Ahmed, M. Yousef, S., "**Self-configurable zone routing protocol attributes**", IEEE International Symposium on Industrial Electronics, 2008. ISIE2008.

[19] At [5.C] from: Wilford Gibson LOL, "**An Investigation of the Impact of Routing Protocols on MANETs using Simulation Modeling**" Master Degree Dissertation submitted to Auckland University of Technology.

[20] At [5.C] from: M Zitterbart, M Cornils, DIT Gamer, DIM Bahr, "**Simulative Untersuchung des IEEE 802.11 s Hybrid Wireless Mesh Protocols (HWMP)**", Diploma thesis in Institute of Telematics, Karlsruhe University.

[21] At [11.C] from: D. Rohm, M. Goyal, H. Hosseini, A. Divjak, Y. Bashir, "**Configuring Beaconless IEEE 802.15.4 Networks Under Different Traffic Loads**", 2009 International Conference on Advanced Information Networking and Applications

[22] At [11.C] from: Carlo Alberto Boano, Thiemo Voigt, Nicolas Tsiftes, Luca Mottola, Kay Römer and Marco Antonio Zúñiga, in Book Chapter "**Making Sensornet MAC Protocols Robust against Interference**", of Book "Wireless Sensor Networks" from Springer Book Series "Lecture Notes in Computer Science" ISSN   0302-9743 (Print) 1611-3349 (Online)

[23] At [11.C] from: D. Rohm, M. Goyal, H. Hosseini, A. Divjak, Y. Bashir, "**A simulation based analysis of the impact of IEEE 802.15.4 MAC parameters on the performance under different traffic loads**", Mobile Information Systems Journal, IOS Press.

[24] At [11.C] from: Rohm, D., Goyal, M., Xie, W., Polepalli, B., Hosseini, H., Divjak, A., Bashir, Y., "**Dynamic Reconfiguration in Beaconless IEEE 802.15. 4 Networks Under Varying Traffic Loads**", IEEE Global Telecommunications Conference, 2009. GLOBECOM 2009.

[25] At [11.C] from: D Rohm, M Goyal, "**Dynamic Backoff for IEEE 802.15. 4 Beaconless Networks**", IEEE Published Student Application Papers

[26] At [6.C] from: Qingshan Shan, Glover, I.A., Moore, P.J., Portugues, I.E., Watson, R.J., Rutherford, R., Atkinson, R.; Bhatti, S., "**Laboratory Assessment of WLAN Performance Degradation in the Presence of Impulsive Noise**", International Wireless Communications and Mobile Computing Conference, 2008. IWCMC '08.

[27] At [6.C] from: van Eenennaam E.M., Klein Wolterink W., Karagiannis G., Heijenk G.J., "**Exploring the Solution Space of Beaconing in VANETs**", First IEEE Vehicular Networking Conference, VNC2009, 28-30 Oct 2009, Tokyo, Japan. IEEE Communications Society. ISBN 978-1-4244-5687-1

[28] At [6.C] from: Shaneel Narayan, Deryn Graham, Robert H. Barbour, "**Generic factors influencing optimal LAN size for commonly used operating systems maximized for network performance**", IJCSNS International Journal of Computer Science and Network Security, VOL.9 No.6, June 2009.

[29] At [6.C] from: Chaisricharoen R., Jantarattanavong K., Worrawattanaphat M., Yooyativong T., "**Practical utilization of the IEEE 802.11g wireless access point in download-emphasizing network**" International Symposium on Intelligent Signal Processing and Communications Systems, 2008. ISPACS 2008.

[30] At [2.C] from: C. Antonopoulos, P. Chondros, A. Athanasopoulos, S. Koubias "**Comparative Performance Evaluation of 802.15.4 and 802.11b for Usage in Ad-Hoc Wireless Networks**" 6th IEEE International Workshop on Factory Communication Systems (WFCS '06), June 27-30, 2006, Torino Italy

[31] At [2.C] from: C. Antonopoulos, A. Athanasopoulos S. Koubias "**A Simulation Study   On Dropping Tendencies of an ad-hoc Wireless Networks**" 11th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA '06), September 20-22, 2006, Prague, Czech Republic

[31] At [2.C] from: **Ch. Antonopoulos**, S. Koubias, "**Congestion Control Framework for Ad-Hoc Wireless Networks**"**,** Springer Wireless Personal Communication, January 2009, ISSN: 0929-6212 (Print) 1572-834X (Online)

[32] At [9.C] from the book **"Wireless Personal Area Networks"**, Wiley Series on Wireless Communications and Mobile Computing, Published: 8 Jan 2008, Author(s): Jelena Mii, Vojislav B. Mii, Series Editor(s): Dr. Xuemin (Sherman) Shen, Dr. Yi Pan, Print ISBN: 9780470518472, Online ISBN: 9780470986424, Copyright © 2008 John Wiley & Sons, Ltd.

[33] At [9.C] from: **Ch. Antonopoulos**, S. Koubias, "**Congestion Control Framework for Ad-Hoc Wireless Networks",** Springer Wireless Personal Communication, January 2009, ISSN: 0929-6212 (Print) 1572-834X (Online)

[34] At [8.C] from: Marius Marcu , Dacian Tudor, Sebastian Fuicu, in Book Chapter "**A View on Power Efficiency of Multimedia Mobile Applications**" of Book "Advanced Techniques in Computing Sciences and Software Engineering" by Springer ISBN 978-90-481-3659-9 (Print) 978-90-481-3660-5 (Online)

[35] At [8.C] from: N Papaoulakis, CZ Patrikakis, MS Nunes, RS Cruz, "**ROBUST MULTIMEDIA TRANSMISSION OVER WIRELESS AND MOBILE NETWORKS**",

[36] At [8.C] from: Ch. Antonopoulos, "**On SDMA Transmission Considering an Efficient MAC Based IEEE 802.16 Relay Station**", 4th IEEE International Conference On Wireless and Mobile Computing, Networking and Communication, 12-14 October 2008 Avignon, France

Additional Activities

✓ Member of the Greek Technical Chamber (www.tee.gr)
✓ Member of the the Greek Association of Computer and Informatics Scientists (EPY)

Knowledge of foreign languages :

English: Very good
First Certificate of English (University of Cambridge 1992)
Italian: Good (4 year study)
Certificato Intermedio (Palso 1992)

October 2010