

Dr. Vasilis Christofilakis



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Physics Department
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November 2015

PERSONAL DATA

- Date of Birth: 26-03-1974
- Place of Birth: Athens, Greece
- Nationality: Greek
- Marital Status: Married, 2 children

EDUCATION

- University of Ioannina, Physics Department*
Ph.D. in Modern Electronic Technologies **2001-2007**
Dissertation: "Reconfigurable Wireless Communication Systems"
Honors: "Excellent"
- University of Ioannina, Physics Department*
MSc in Modern Electronic Technologies **1997-2000**
Dissertation: "Real Data Transmission Network"
Honors: "Excellent"
- University of Ioannina, Physics Department*
BSc in Physics **1992-1997**
Honors: "Very Good"
Diploma thesis: "Movement control of linear and rotary precision tables, through PC, using stepping motors"
Honors Diploma thesis: 9/10

RESEARCH EXPERIENCE

- Electronics-Telecommunications and Applications Laboratory, Physics Department, University of Ioannina, Ioannina, Greece* **2014-Present**
Lecturer
<http://www.telecomlab.gr>, <http://www.physics.uoi.gr>
- Siemens Enterprise Communications (SEN), Athens, Greece* **2008 - 2014**
Senior Telecom Researcher and Developer
<http://www.siemens-enterprise.com>
- Emphasis Telematics S.A, Athens, Greece* **2007 - 2008**
Technical Project Manager
Lead, coordinate and monitor Regional Risk and Fleet Management projects
<http://www.emphasisnet.gr/en>
- Institute of Informatics and Telecommunications, National Centre of Scientific Research "Demokritos", Athens, Greece* **2004**
R&D Researcher
Work on Project: "Antenna Centre of Excellence", SIXTH FRAMEWORK PROGRAMME PRIORITY 2. Information Society Technologies IST. IST-2004-508009, <http://www.ist-ace.org/>
- Institute of Informatics and Telecommunications, National Centre of Scientific Research "Demokritos", Athens, Greece* **2000-2004**
PhD Candidate
Graduate PhD student holding a scholarship from IIT, NCSR "Demokritos"
<http://wicom.iit.demokritos.gr/>

Institute of Informatics and Telecommunications, National Centre of Scientific Research "Demokritos", Athens, Greece **1999-2001**

R&D Researcher

Work on Project: "Wireless Flexible Network of automatic and controlling processes", (ΕΑΔΑΕ) ΕΕ707. General Secretariat of Research and Technology -PENED 99 / ΕΔ-93

High Energy Physics Lab, Physics Department, University of Ioannina **1999**

R&D Researcher

Work on Project: "Biomedical Radiography and Radioscopy Using Silicon Microstrip Sensors", Project No. 63/0553, Acronym: FP4-BIOMED 2, Subprogramme Area: Sensor systems, Con.No. ΒΜΗ4-CT96-1119. http://cordis.europa.eu/project/rcn/32505_en.html

High Energy Physics Lab, Physics Department, University of Ioannina **1997-1998**

R&D Researcher

Work on Project: "Development of water resources remote management system", Project No. 62/0478 (ΕΚΒΑΝ-Π-79).

TEACHING EXPERIENCE

Graduate Teaching Assistant – "Lab III: Waves and Optics", Physics Department, University of Ioannina **1998-2000**

Graduate Teaching Assistant – "Microprocessor/microcontroller architecture", Postgraduate Studies in Modern Electronic Technologies, Physics Department, University of Ioannina **1998-1999**

Teaching – "Lab I: Mechanics-Heat", Physics Department, University of Ioannina **2014**

Teaching – "Introduction to Electronic Computers", "Introduction to Digital Telecommunications", "Microcontrollers-Microprocessors", "Applications of Digital Electronics", "Applications of Analog Electronics", Physics Department, University of Ioannina **2014-today**

Teaching – "Introduction to Telecommunications", Postgraduate Studies in Modern Electronic Technologies, Physics Department, University of Ioannina **2015-today**

ORGANIZATION OF SCIENTIFIC CONFERENCES

International Workshop on Biological Effects of Electromagnetic Fields
Member of the Organizing Committee **2002,2004,2006**
<http://imm.demokritos.gr/>

3rd Pan-Hellenic Conference on Electronics and Telecommunications
Member of the Organizing Committee **2015**
<http://www.pacet.gr>

PUBLICATIONS

INTERNATIONAL JOURNALS

- J1. "Interaction Between GSM Handset Helical Antenna and User's Head: Theoretical Analysis and Experimental Results", A.Alexiou, P.Kostarakis, V. N. Christofilakis, T. Zervos, A. A. Alexandridis, K. Dangakis, C. Soras, V.V. Petrovic, B. M. Kolundzija, A. R. Đorđević, The Environmentalist, Publisher: Springer Science+Business Media B.V., Formerly Kluwer Academic Publishers B.V. ,ISSN: 0251-1088 (Paper) 1573-2991, Issue: Volume 25, Numbers 2-4, 2005, Pages: 215 – 221.
- J2. "Increasing direction-of-transmission resolution in digital time-delay beamformers", Vasilis N. Christofilakis, P. Kostarakis, Antonis A. Alexandridis, Fotis Lazarakis, Kostas Dangakis. AEU International Journal of Electronics and Communications, Vol 62 (2008), Issue 1, pp 49-56.
- J3. "Geometry Aspects and Experimental Results of a Printed Dipole Antenna", Constantinos VOTIS, Vasilis CHRISTOFILAKIS, Panos KOSTARAKIS.Int. J. Communications, Network and System Sciences, 2010, 3, 204-207.
- J4. "Measurements of Balun and Gap Effects in a Dipole Antenna", Constantinos Votis, Vasilis Christofilakis, Panos Kostarakis. Int. J. Communications, Network and System Sciences, 2010, 3, 434-440.
- J5. "A/D Restrictions (Errors) in Ultra-Wideband Impulse Radios", Giorgos Tatsis, Constantinos Votis, Vasilis Raptis, Vasilis Christofilakis, Panos Kostarakis.Int. J. Communications, Network and System Sciences, 2010, 3, 425-429.
- J6. "Design and Investigation on a Printed Dipole Antenna Architecture", Constantinos I Votis, Panos Kostarakis, Vasilis Christofilakis, Journal of Communication and Computer, 2010, Vol.7, 75-82.
- J7. "BER Performance of an Ultra-Wideband Impulse Radio Correlator Receiver", Giorgos Tatsis, Vasilis Christofilakis, Constantinos Votis, Panos Kostarakis, Leonidas Ivrisimtzi, Spyridon K Chronopoulos. WSEAS Transactions on Information Science and Applications Vol. 8: Issue 10. pp. 401-406 Oct. 2011.
- J8. "Radiation Characteristics and Mutual Coupling of a Dual: Band Antenna Array Structure", Constantinos I. Votis, Vasilis Christofilakis, Panos Kostarakis, Leonidas P. Ivrisimtzi, Wireless Personal Communications, July 2012, Volume 65, Issue 2, pp 369-391, DOI:10.1007/s11277-011-0261-3
- J9. "Reducing Peak-to-Average Power Ratio of a Turbo Coded OFDM", Spyridon K. Chronopoulos, Vasilis Christofilakis, Giorgos Tatsis, Panos Kostarakis, Wireless Engineering and Technology Journal, PP.195-202, Pub. Date: 2012-11-01, DOI: 10.4236/wet.2012.34028
- J10. "SIMO channel performance evaluation on indoor environment at 2.4 GHz", Constantinos I. Votis, Vasilis Christofilakis, Panos Kostarakis, International Journal of Electronics 04/2015; DOI:10.1080/00207217.2015.103681
- J11. "Performance of Turbo Coded OFDM Under the Presence of Various Noise Types", Spyridon K Chronopoulos, Vasilis Christofilakis, Giorgos Tatsis, Panos Kostarakis, Wireless Personal Communications , 01/2015; DOI: 10.1007/s11277-015-3055-1
- J12. "A Prototype Data Acquisition and Processing System for Schumann Resonance Measurements", Giorgos Tatsis, Constantinos Votis, Vasilis Christofilakis, Panos Kostarakis, Vasilis Tritakis, Christos Repapis. Journal of Atmospheric and Solar-Terrestrial Physics, Nov 2015, doi:10.1016/j.jastp.2015.11.001
- J13. "Preliminary BER Study of a TC-OFDM system operating under noisy conditions", Spyridon K. Chronopoulos, Vasilis Christofilakis, Giorgos Tatsis and Panos Kostarakis., JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY REVIEW, ISSN: 1791-932 under publication.
- J14. "Design and implementation of Schumann resonances sensor platform", Constantinos I. Votis, Giorgos Tatsis, Vasilis Christofilakis, Panos Kostarakis, Vasilis Tritakis and Christos Repapis, JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY REVIEW, ISSN: 1791-932 under publication.

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- J15. "Preliminary Measurements of Schumann's Resonances (SR) in the Greek Area." Giorgos Tatsis, Constantinos I. Votis, Vasilis Christofilakis, Panos Kostarakis, Vasilis Tritakis, Christos Repapis and Pantelis Kalavrezos, , JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY REVIEW, ISSN: 1791-932 under publication.

BOOK CHAPTERS

- B1. "Time Critical Parameters for Beamforming in Software Radios", V. N. Christofilakis, A. A. Alexandridis, K. P. Dangakis, P. Kostarakis, Recent Advances in Communications and Computer Science, Electrical and Computer Engineering Series, ISBN 960-8052-86-6, pp.30-36.

PEER-REVIEWED INTERNATIONAL CONFERENCE PROCEEDINGS

- C1. "Scattering from Real Scatterers: Comparison of FEM Computations and Indoor Measurements", P.P.Lemos, P Kostarakis, A. Alexandridis, K. Dangakis, J. Koukos, V. Christofilakis, S. Issaakides, In Proceedings of the 6th International Workshop on Finite Elements for Microwave Engineering Antennas, Circuits and Devices, May 30-June 1 2002, Chios, Greece.
- C2. "Analog to Digital Converter: a Key Concept in the Implementation of a 3G Software Defined Radio Receiver", V. Christofilakis, A. A. Alexandridis, P. Kostarakis, K. Dangakis, In Proceedings of the IST Mobile & Wireless Telecommunications Summit, pp. 416-422, June 16-19 2002, Thessaloniki, Greece.
- C3. "Software Defined Radio Implementation aspects related to the ADC performance", V. N. Christofilakis, A. A. Alexandridis, P. Kostarakis, K. Dangakis, In Proceedings of the 6th International Multiconference on Circuits, Systems, Communications and Computers (CSCC 2002), ISBN: 960-8052-63-7, pp. 3231-3239, July 7-11 2002, Crete, Greece.
- C4. "Low EMF Interaction Antennas in Cellular Communication Systems", V. Christofilakis, A. A. Alexandridis, P. Kostarakis, K. Dangakis, C. T. Angelis, D. Papadimitriou, In Proceedings of the 2nd International Workshop on Biological Effects of Electromagnetic Fields, pp.251-259, ISBN: 960-86733-3-X, October 7-11 2002, Rhodes, Greece.
- C5. "Modeling the state and behavior of an enzyme using UML - An Object Oriented approach", V. N. Christofilakis, Ch. Alexopoulos, In Proceedings of the International Conference of Computational Methods in Sciences and Engineering 2003 (ICCMSE 2003), ISBN 981-238-595-9, pp.122-125, Kastoria, Greece 12-16 September 2003.
- C6. "Simulation-Based analysis of I/Q Mismatch in SDR Receivers", C.T.Angelis, V. N. Christofilakis, P.Kostarakis, In Proceedings of 6th International Workshop on Mathematical methods in Scattering Theory and Biomedical Engineering, p21, 18-21 September 2003, Monastery of Rogovos, Tsepelovo, Greece.
- C7. "Virtual representation of chemical information using UML-an Object Oriented Approach, to improve Chemistry learning", Ch. Alexopoulos and V. N. Christofilakis, In Proceedings of the 4th International Conference of the Chemical Societies of the South-East European Countries (ICOSEC-4), 18-21 July 2004, Faculty of Technology and Metallurgy, University of Belgrade, Belgrade, Serbia and Montenegro.
- C8. "Forest Fire Risk Management Information System – FFRMIS", G. Tsironis, G. Vasileiou, Th. Mantes, A. Gryllakis, M. Koutlis, D. Venizelos, V. N. Christofilakis, N. Kanellopoulos. In proceedings of the 6th International Workshop of the EARSeL Special Interest Group (SIG) on Forest Fires - 2007.
- C9. "A/D's Clipping Restrictions in Software Radios", Vasilis Christofilakis, Giorgos Tatsis, Constantinos Votis, Vasilis Raptis, and Panos Kostarakis. ORGANIZED BY THE HELLENIC PHYSICAL SOCIETY WITH THE COOPERATION OF THE PHYSICS DEPARTMENTS OF GREEK UNIVERSITIES: 7th International Conference of the Balkan Physical Union. AIP Conference Proceedings, Volume 1203, pp. 1042-1046.
- C10. "Absorbed Power Minimization in Cellular Users with Circular Antenna Arrays", Vasilis Christofilakis, Constantinos Votis, Giorgos Tatsis, Vasilis Raptis, and Panos Kostarakis.
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ORGANIZED BY THE HELLENIC PHYSICAL SOCIETY WITH THE COOPERATION OF THE PHYSICS DEPARTMENTS OF GREEK UNIVERSITIES: 7th International Conference of the Balkan Physical Union. AIP Conference Proceedings, Volume 1203,pp. 1047-1052.

- C11. "Design and analysis of a multiple-output transmitter based on DDS architecture for modern wireless communications", Constantinos Votis, [Vasilis Christofilakis](#), Vasilis Raptis, Giorgos Tatsis, Spyridon K. Chronopoulos, and Panos Kostarakis. ORGANIZED BY THE HELLENIC PHYSICAL SOCIETY WITH THE COOPERATION OF THE PHYSICS DEPARTMENTS OF GREEK UNIVERSITIES: 7th International Conference of the Balkan Physical Union. AIP Conference Proceedings, Volume 1203,pp. 421-426.
- C12. "Effects of Variations on Geometrical Parameters on a 2.4 GHz Printed Dipole Antenna architecture", Constantinos Votis, [Vasilis Christofilakis](#), Vasilis Raptis, Giorgos Tatsis, Spyridon K. Chronopoulos, and Panos Kostarakis. ORGANIZED BY THE HELLENIC PHYSICAL SOCIETY WITH THE COOPERATION OF THE PHYSICS DEPARTMENTS OF GREEK UNIVERSITIES: 7th International Conference of the Balkan Physical Union. AIP Conference Proceedings, Volume 1203,pp. 427-432.
- C13. "Tuning Techniques for Planar Antennas in Wireless Communication", Vasilis Raptis, Giorgos Tatsis, Constantinos Votis, Spyridon K. Chronopoulos, [Vasilis Christofilakis](#), and Panos Kostarakis. ORGANIZED BY THE HELLENIC PHYSICAL SOCIETY WITH THE COOPERATION OF THE PHYSICS DEPARTMENTS OF GREEK UNIVERSITIES: 7th International Conference of the Balkan Physical Union. AIP Conference Proceedings, Volume 1203,pp. 1053-1057.
- C14. "Active Tuning Antennas for Wireless Communication", Vasilis Raptis, Giorgos Tatsis, Constantinos Votis, Spyridon K. Chronopoulos, [Vasilis Christofilakis](#), and Panos Kostarakis. ORGANIZED BY THE HELLENIC PHYSICAL SOCIETY WITH THE COOPERATION OF THE PHYSICS DEPARTMENTS OF GREEK UNIVERSITIES: 7th International Conference of the Balkan Physical Union. AIP Conference Proceedings, Volume 1203,pp. 1058-1062.
- C15. "Performance of UWB-Impulse Radio Receiver Based on Matched Filter Implementation with Imperfect Channel Estimation", Giorgos Tatsis, Constantinos Votis, Vasilis Raptis, [Vasilis Christofilakis](#), Spyridon K. Chronopoulos, and Panos Kostarakis. ORGANIZED BY THE HELLENIC PHYSICAL SOCIETY WITH THE COOPERATION OF THE PHYSICS DEPARTMENTS OF GREEK UNIVERSITIES: 7th International Conference of the Balkan Physical Union. AIP Conference Proceedings, Volume 1203,pp. 573-578.
- C16. "Design and Implementation of Ultra-Wideband Impulse Radio Transmitter", Giorgos Tatsis, Constantinos Votis, Vasilis Raptis, [Vasilis Christofilakis](#), Spyridon K. Chronopoulos, and Panos Kostarakis. ORGANIZED BY THE HELLENIC PHYSICAL SOCIETY WITH THE COOPERATION OF THE PHYSICS DEPARTMENTS OF GREEK UNIVERSITIES: 7th International Conference of the Balkan Physical Union. AIP Conference Proceedings, Volume 1203,pp. 579-584.
- C17. "Evaluating Amplitude distribution and Clipping error in a WiMAX Software Radio Receiver", [Vasilis Christofilakis](#), Giorgos Tatsis, Constantinos Votis, Panos Kostarakis, PAnhellenic Conference on Electronics and Telecommunications (PACET), March 2012, Thessaloniki, Greece.
- C18. "SIMO channel experimental measurements and capacity estimation on indoor pico-cellular environment", Constantinos I. Votis, Giorgos Tatsis, [Vasilis Christofilakis](#) and Panos Kostarakis, PAnhellenic Conference on Electronics and Telecommunications (PACET), March 2012, Thessaloniki, Greece
- C19. "Experimental Measurements of UWB Channel", Giorgos Tatsis, [Vasilis Christofilakis](#), Constantinos Votis, Spyridon K. Chronopoulos, Panos Kostarakis, PAnhellenic Conference on Electronics and Telecommunications (PACET), March 2012, Thessaloniki, Greece

NATIONAL JOURNALS

- N1. "Η τεχνολογία ενισχύει τα μέσα καταπολέμησης των δασικών πυρκαγιών", [Δρ. Β. Ν. Χριστοφιλάκης](#), Τεχνική εκλογή, Δεκ 2007, Νο488.
- N2. "Πληροφοριακό σύστημα διαχείρισης κίνδυνου δασικών πυρκαγιών", [Δρ. Β. Ν. Χριστοφιλάκης](#), Security manager, Ιουλ-Αυγ 2008, Νο16.
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- N3. "Σύστημα σώζει τα δάση", Δ. Βενιζέλος και Δρ. Β. Ν. Χριστοφιλάκης, Logistics and Management, Ιαν 2008, Νο64.

TECHNICAL AND SCIENTIFIC REPORTS

- R1. "Positioning equipment", V. Christofilakis, HEP Lab, Physics Department, University of Ioannina, 1997.
- R2. "Preamplifier based on LM592", V. Christofilakis, HEP Lab, Physics Department, University of Ioannina, 1997.
- R3. "Interface Circuits", V. Christofilakis, Postgraduate Studies in Modern Technologies, Physics Department, University of Ioannina, 1998.
- R4. "Digital Clock", V. Christofilakis, Postgraduate Studies in Modern Technologies, Physics Department, University of Ioannina, 1998.
- R5. "BCD decoder to seven segment", V. Christofilakis, Postgraduate Studies in Modern Technologies, Physics Department, University of Ioannina, 1998.
- R6. "General Purpose Interface bus", V. Christofilakis, A. Asimidis, T. Pagonis, Postgraduate Studies in Modern Technologies, Physics Department, University of Ioannina, 1998.
- R7. "Silicon Microstrip Detectors", V. Christofilakis, Postgraduate Studies in Modern Technologies, Physics Department, University of Ioannina, 1998.
- R8. "Measuring Exposure X in Ionizing Chamber", V. Christofilakis, Postgraduate Studies in Modern Technologies, Physics Department, University of Ioannina, 1998.
- R9. "Antenna Modeling", A. Alexandridis, T. Zervos, V. Christofilakis, K. Dangakis, IST ACE, WP2.2-3 Technical Report, July 2004.

THESIS

- T1. "Movement control of linear and rotary precision tables, through PC, using stepping motors" Vasilis Christofilakis, Ioannis Korres, Diploma thesis, Physics Department, University of Ioannina, 1996.
- T2. "Real Data Transmission Network", Vasilis Christofilakis, Master Thesis, Physics Department, University of Ioannina, 2000.
- T3. "Reconfigurable Wireless Communication Systems", Vasilis Christofilakis, PhD Thesis, Physics Department, University of Ioannina, 2007.

MEMBERSHIPS

- | | |
|---------------------------------------------------------------------------------------|------------|
| • Member of Institute of Electrical and Electronics Engineers (IEEE) | 2002-2005 |
| • Member of Institute of Electronics, Information and Communication Engineers (IEICE) | 2002-2004 |
| • Member of Internet Society (ISOC) | 2002-today |

AWARDS AND HONORS

- Recipient of National Scientific Research Centre Scholarship (2000-2004).
- Chairman in Session: "Education", 7th International Multiconference on Circuits, Systems, Communications and Computers (CSCC 2003), July 7-10, 2003, Corfu, Greece.
- Chairman in 17th WSEAS International Conference on COMMUNICATIONS (part of CSCC '13), Rhodes, 2013, Greece.
Chairman in Session: "Telecommunication Applications", 3rd Pan-Hellinic conference on Electronics and Telecommunications (PACET 2015), May 08-09, 2015, Ioannina, Greece.

ASSOCIATE EDITOR – REFEREE FOR INTERNATIONAL JOURNALS – EVALUTOR FOR INTERNATIONAL PROJECTS

- Wireless Personal Communications, Springer, ISSN: 0929-6212 (print version) ISSN: 1572-834X.
- Wireless Communications and Mobile Computing, John Wiley & Sons, Ltd., Online ISSN: 1530-8677.
- Journal of The Franklin Institute, ELSEVIER, ISSN: 0016-0032.
- International Journal of Electronics, Taylor & Francis. ISSN 0020-7217 (Print), 1362-3060 (Online).
- EURASIP Journal on Advances in Signal Processing, Springer.
- World Scientific and Engineering Academy and Society.
- Member of the Editorial Board for WSEAS Transactions on Information Science and Applications (2010-2012).
- Evaluator of National Serbian Project Proposals.

RESEARCH INTERESTS AND ACTIVITIES

- Software Defined Radio and Cooperative Network Systems
- Smart Antennas - MIMO
- UWB systems
- Digital Signal Processing
- Signal attenuation due to precipitation
- Schumann resonance measurements
- Object – Oriented Approaches for Wireless Systems

SPECIAL SKILLS

- Operating Systems
 - Perfect command of Operating Systems: Windows
 - Very Good command (user based) of Operating Systems: Linux, Unix
 - Programming Languages
 - C, C++
 - Assembly for: 8051/2, Motorola 680x, Texas Instruments DSP C64x/C67x.
 - Technical Programming Language: MATLAB, Simulink.
 - Mathematica, Maple, MathCad.
 - Unified Modified Language.
 - LabVIEW.
 - Software Management and Debugging tools
 - Rational ClearCase software management tools for Windows and Unix
 - Klocwork Insight
 - Modification Request Tracking System
 - IBM Rational ClearQuest Tracking System
 - Hardware
 - Cadence – OrCAD, Electronics Workbench
 - Trace 32 Lauterbach
 - FPGA (Altera) and VLSI design (Cadence)
 - Some experience in Web Development: Apache, HTML, Java, Flash
 - Some experience with Database Scripting: SQL
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LECTURES

- Software Radios Institute of Informatics and Telecommunications, National Centre of Scientific Research "Demokritos", Athens, Greece, 31-1-2003.
- Reconfigurable Telecommunication Systems, Physics Department, University of Ioannina, Ioannina, 4-4-2003.
- Research Innovation and Collaboration capabilities, Successful R&I in Europe 2014 | 6th European Networking Event , Dusseldorf, Germany, 30-10-2014.

MOST IMPORTANT SEMINARS/TRAININGS

- Summer School in Computer Engineering, Microelectronics, Telecommunications, Institute of Informatics and Telecommunications, National Centre of Scientific Research "Demokritos", Athens, Greece, (7-25/07/1997).
 - Mobile Venue '02 (Radio Network Management and Mobile Location Workshop '02), Athens, Greece, (30-31/05/2002).
 - IST Mobile & Telecommunications Summit, Thessaloniki, Greece, (16-19/06/2002).
 - Second European "Colloquium on Reconfigurable Radio", Athens, Greece, (20-22/06/2002).
 - 6th "WSEAS International Multiconference CSCC", Rethymno, Crete, Greece, (07-14/07/2002).
 - 2nd International Workshop on Biological Effects of Electromagnetic Fields, Rhodes, Greece, (07-11/10/2002).
 - 7th "WSEAS International Multiconference CSCC", Corfu, Greece, (07-10/07/2003).
 - 3rd "International Conference of Computational Methods in Sciences and Engineering ICCMSE 2003", Kastoria, Greece, (12-16/09/2003).
 - 6th International Workshop on mathematical Methods in Scattering Theory and Biomedical Engineering, Monastery of Rogovos, Tsepelovo, Greece, (18-21/09/2003).
 - 3rd International Workshop on Biological Effects of Electromagnetic Fields, Kos, Greece, (04-08/10/2004).
 - Satforum08, Athens, Greece, (29-30/01/2008).
 - VoIP - TDM, IP, E.164 Networking, Siemens Training Institute, (8-26/06/2009).
 - Embedded GNU/Linux System Architecture, DENX Institute, (12-16/07/2010).
 - Linux device driver development, HP, (13-17/09/2010).
 - Training on QorIQ P1 family, ACSYS, (30/08-02/09/2011).
 - Successful R&I in Europe 2014 | 6th European Networking Event, Dusseldorf, Germany, (30-31/10/ 2014).
 - 3rd Pan-Hellenic Conference on Electronics and Telecommunications, Ioannina, Greece, (08-09/05/2015).
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