**Curriculum Vitae**

**Dr. Angelos Michalas**

**Dr Angelos Michalas** (b. 1965 in Athens Greece) holds a B.Sc. degree in Mathematics (1989) from the University of Crete and an M.Eng. degree in Electrical and Computer Engineering (2011) from the National Technical University of Athens (NTUA). He studied Information Technology at postgraduate level in Queen Mary College - University of London and received the M.Sc. degree in 1991. He studied Distributed and Parallel Systems at postgraduate level and received the M.Sc. degree in 1992 from the same university. In 2003 he received his Ph.D. degree in Communications Systems from the school of Electrical and Computer Engineering of the NTUA.

Dr. Michalas is a Professor of the Department of Informatics of the University of Western Macedonia (UOWM). From March 2007 to May 2019 was a Professor at the Department of Informatics of the Technological Education Institute of Western Macedonia. He has been appointed head of the Department from September 2011 to December 2017.

From 2008 he is the director of the laboratory of Telecommunications, Networks and Distributed Systems and also responsible for the direction of specialization of Network Engineers of the Department. From 2015 is the director of the MSc Programme “Modern Information Technologies and Services” co-organized from the Department of Informatics of the UOWM and the Department of Informatics of the University of Piraeus.

From 2018 he co-teaches the course module “Cloud Computing, Content Delivery Networks and Vehicular Technologies” and the course module “Mobile Applications, Edge Computing, Future Internet Network” of the MSc Programme “Digital Culture, Smart Cities, IoT and Advanced Digital Technologies” organized by the Department of Informatics of the University of Piraeus.

From 2018 he co-teaches the course module “Computer Networks” of the MSc Programme “Health Care Management – Health Informatics” co-organized from the Department of Nursing of the National and Kapodistrian University of Athens and the Department of Informatics of the University of Piraeus.

From 2014 he co-teaches the course module “Cloud Computing” of the MSc Programme “Advanced Information Systems” organized by the Department of Informatics of the University of Piraeus.

From 2009 is a member of the Laboratory of Internet and Telecommunication Systems, Services and Security (netlab) of the Department of Informatics of the University of Piraeus. From 1995 to 2006 he worked at the Multimedia Laboratory of the NTUA as a research associate and participated in a large number of European and National research programs. From 1994 to 2007 he taught Informatics at the Hellenic American Education Foundation- Athens College. From 1992 to 1994 he was employed in INTRACOM TELECOM as a software engineer and had been actively involved in various projects of the research and development department of the company including the configuration of digital telephone exchanges and the distributed version of the Lotto wagering system.

His research interests focus on the design and performance evaluation of wired and wireless networks, telecommunication management systems, Quality of Service/Quality of Experience, advanced distributed network services, VANETS and Cloud Computing. Dr Michalas is the author of several peer-reviewed publications in these areas and serves as technical program committee member and as a reviewer in a number of international conferences. He is a member of scientific unions including the IEEE, the ACM, the Technical Chamber of Greece and also a member of the scientific forums Net!Works, and Web Intelligence Consortium Research Center in Greece.

From the research activity of Dr. Michalas have emerged the following publications:

• 21 papers in international scientific journals

• 7 publications in book chapters

• 46 papers in refereed conferences

• 3 papers in symposia - other Posts.

His research is recognized internationally with 363 citations and evaluation index h-index 11. His publications are displayed on the site <http://scholar.google.gr/citations?hl=el&user=rxan6QMAAAAJ&view_op=list_works&sortby=title&cstart=20&pagesize=20>

**Publications of Dr. Angelos Michalas**

|  |
| --- |
| SCIENTIFIC JOURNALS |

|  |  |
| --- | --- |
| 1. | A.Michalas, V. Zoi, N. Sotiropoulos, N. Mitrou, V. Loumos and E. Kayafas , "A Comparison of Multimedia Application Developpment Platforms towards the Object Web", Elsevier Computer Standards & Interfaces: The International Journal on the Development and Application of Standards for Computers Data Communications and Interfaces, Vol. 22, 2000, pp. 13-26.**(IJSCCI, 2000)** |
| 2. | A. Mihalas, T. Kotsilieris, S. Kalogeropoulos, V.Loumos, E.Kayafas and V. Kollias, “A reference model for conformance testing of T.120 multimedia conferencing protocols”, Elsevier Computer Communications, Vol. 24(3-4), 2001, pp. 334-343.**(ECC 2001)** |
| 3. | T. Kotsilieris, A. Michalas, S. Kalogeropoulos, G. Karetsos, M. Sidi, and V. Loumos, “Performance optimization of Network Management Applications based on Mobile Agents”, Informatik Forum Journal Special Issue on Mobile Agent Technology, December 2002, pp.82-90, ISSN 1010-6111.**(IFJ, 2002)** |
| 4. | T. Kotsilieris, J. Anagnostopoulos, S. Kalogeropoulos, A. Michalas, V. Loumos, E. Kayafas, “A Monitoring Information Base for Enhanced Collection of E-Commerce Statistical Indicators within an SNMP Framework”, Statistica Applicata - Italian Journal of Statistical Applications vol. 1, 2003, pp. 119-130.**(SA, 2003)** |
| 5 | A. Michalas, M. Louta, P. Fafali, G. Karetsos, V. Loumos, “Proportional Delay Differentiation Provision by Bandwidth Adaptation of Class Based Queue Scheduling”, International Journal of Communication Systems, Wiley InterScience, Vol. 17, Issue 7, July 2004, pp. 743-761.**(IJCS, 2004)** |
| 6. | M. Louta, A. Michalas, “Quality of Service Management in IP networks through Dynamic Service Rate Reconfiguration” Journal of Internet Technology, Vol. 7, Issue 1, January 2006, pp. 45-58. **(JIT, 2006)** |
| 7. | Malamati Louta, Angelos Michalas, “Efficient Service Provisioning through Dynamic Service Task Assignment in a Multi-Domain Distributed Computing Environment”, International Journal of Internet Protocol Technology, Vol. 3, No 3, 2008, pp. 182-193. **(IJIPT, 2008)** |
| 8. | Malamati Louta, Angelos Michalas, Ioannis Anagnostopoulos, Dimitrios Vergados, “Trust Management Framework for Intelligent Agent Negotiations in Ubiquitous Computing Environments”, Telecommunication Systems Journal (Springer), Vol. 41, Issue 2, 2009, pp. 141-157. **(TSJ, 2009)** |
| 9 | Malamati Louta, Ioannis Anagnostopoulos, Ilias Maglogiannis, Angelos Michalas, “Towards a Collaborative Ranking Mechanism for Efficient and Personalized Internet Search Service Provisioning”, Journal of Computational Methods in Sciences and Engineering, IOS Press, DOI: 10.3233/JCM-2011-0368, Volume 11, Number 3 / 2011, pp. 109-124. (**JCM, 2011**) |
| 10 | Kraounakis S., Demetropoulos I.N., Michalas A., Obaidat M.S.,Sarigiannidis P.G., Louta M.D., "A Robust Reputation-Based Computational Model for Trust Establishment in Pervasive Systems" IEEE Systems Journal, Volume 9, Issue 3, 2014, pp.878 - 891. (**IEEE-SYSJ 2014**) |
| 11 | Emmanouil Skondras, Aggeliki Sgora, Angelos Michalas, Dimitrios D. Vergados, "An analytic network process and trapezoidal interval-valued fuzzy technique for order preference by similarity to ideal solution network access selection method", International Journal of Communication Systems, Wiley InterScience, Vol. 17, Issue 7, July 2014, pp. 1099-1131.**(IJCS, 2014)** |
| 12 | Nikolaos I. Miridakis, Dimitrios D. Vergados, Angelos Michalas, "Cooperative relaying in underlay cognitive systems with hardware impairments" AEU - International Journal of Electronics and Communications, Elsevier, vol.69 Oct. 2015, pp.1885–1889.(**IJEC, 2015**) |
| 13 | N.I. Miridakis, D.D. Vergados, A. Michalas, “Dual-hop Communication over a Satellite Relay and Shadowed Rician Channels”, IEEE Transactions on Vehicular Technology, DOI: 10.1109/TVT.2014.2361832, vol.64 Issue 9, Sept. 2015, pp.4031–4040.(**IEEE** **TVT 2015)** |
| 14 | Miridakis, N.I.; Vergados, D.D.; Michalas, A., "Performance Analysis of Successive Decoding Based on Shadowing Side Information Under Non-Identical Composite Fading/Shadowing Channels," IEEE Transactions on Wireless Communications, vol.14, Issue 9, Sept. 2015, pp.4835-4846. (**IEEE TWC**) |
| 15 | D.J. Vergados, A. Michalas, A. Sgora, D.D. Vergados, P. Chatzimisios, “FDASH: A fuzzy-based MPEG/DASH adaptation Algorithm”, IEEE Systems Journal, vol. 10, no. 2, pp. 859-868, June 2016, doi: 10.1109/JSYST.2015.2478879 (**IEEE-SYSJ 2015**) |
| 16 | A. Michalas, A. Sgora, D.D. Vergados "An Integrated MIH-FPMIPv6 Mobility Management Approach for Evolved-Packet System Architectures", Journal of Network and Computer Applications, Elsevier, Volume 91, 1 August 2017, Pages 104-119 (JNCA 2017) |
| 17 | Miridakis, N.I.; Vergados, D.D.; Michalas, A.,"Cooperative Spectrum Sharing MIMO Systems with Successive Decoding", Physical Communication, Elsevier, Volume 20, pp. 109–122, September 2016 **(PhCOM 2016)** |
| 18 | Nikolaos I. Miridakis, Dimitrios. D. Vergados and Angelos Michalas, ‘Performance of MaximumRatio Combining-Enabled Heterodyne Detection for Free-Space Optical Systems Under Mixture-Gamma Fading Channels and Pointing Errors,’ IET Electronics Letters, Accepted for publication, 2017 **(EL 2017)** |
| 19 | Nikolaos I. Miridakis, Theodoros A. Tsiftsis, Dimitrios. D. Vergados, and Angelos Michalas, ‘All Cognitive MIMO: A New Multiuser Detection Approach with Different Priorities,’ IEEE Transactions on Wireless Communications, vol. 17, no. 8, pp. 5148 - 5161, Aug. 2018 **(IEEE** **TWC 2018)** |
| 20 | Nikolaos I. Miridakis, Dimitrios D. Vergados, Angelos Michalas, “All-Optical FSO Relaying Under Mixture-Gamma Fading Channels and Pointing Errors” Wireless Personal Communications,vol. 104, no. 2, pp. 771 - 781, Dec. 2018 **(WPC 2018)** |
| 21 | Emmanouil Skondras, Angelos Michalas, Dimitrios D. Vergados, “Mobility Management on 5G Vehicular Cloud Computing Systems”, Elsevier Vehicular Communications, Accepted for publication 2019 **(VC 2019)** |

|  |
| --- |
| BOOK CHAPTERS |

|  |  |
| --- | --- |
| 1. | T. Mota, S. Gouveris, G. Pavlou, A. Michalas, J. Psoroulas, “Quality of Service Management in IP networks using mobile agent Technology”, *Fourth International Workshop On Mobile Agents For Telecommunication Applications, MATA’02, Spain, 23-24 October 2002*, “Mobile Agents for Telecommunication Applications”, Lecture Notes in Computer Science, Springer 2002, p.p. 193-205, ISBN 3-540-00021-6.**(LNCS, 2002)** |
| 2. | Kotsilieris Th., Zikos P., Vlachos S., Kalogeropoulos S., Michalas A., Karetsos G. and Loumos V., “A Prototype SNMP Management Framework for DiffServ Linux Routers, its Implementation and Performance” Conference on Network Control and Engineering for QoS, Security and Mobility, Net-Con 2002, Paris France 23-25 October 2002, “Network Control and Engineering for QoS, Security and Mobility”, Kluwer Academic Publishers 2002, Gaiti D. & Boukhatem N. (Eds), p.p. 405-416, ISBN 1-4020-7268-6. **(Kluwer, 2002)** |
| 3. | Malamati Louta, Angelos Michalas, “Service Decomposition and Task Allocation in Distributed Computing Environments”, 4th IFIP Conference on Artificial Intelligence Applications & Innovations (AIAI) Athens, 19-21 September 2007,. Lecture Notes in Computer Science, Springer 2007, pp 81-91.**(LNCS, 2007)** |
| 4 | Malamati Louta, Angelos Michalas, Ioannis Anagnostoupoulos, “Efficient Trust Aware Resource Allocation in Distributed Computing Environments”, The eChallenges 2008 Conference & Exhibition, Stockholm, Sweden 22 - 24 October, 2008, Collaboration and the Knowledge Economy: Issues, Applications, Case Studies, Paul Cunningham and Miriam Cunningham (Eds), IOS Press, 2008 Amsterdam, pp. 1017-1024, ISBN 978–1–58603–924-0. **(e-2008)** |
| 5. | Malamati Louta, Angelos Michalas, “Towards Efficient Trust Aware E-Marketplace Frameworks”, The Encyclopedia of E-Business Development and Management in the Digital Economy, IGI Global, 2010, Vol Ι, Chapter 27, pp 273-282, ISBN 978-1-61520-611-7.**( IGI Global, 2010, A**) |
| 6. | Angelos Michalas,Malamati Louta, “Efficient Service Task Assignment in Grid Computing Environments”, The Encyclopedia of E-Business Development and Management in the Digital Economy, IGI Global,, 2010, Vol ΙΙΙ, Chapter 104, pp 1030-1040, ISBN 978-1-61520-611-7. **( IGI Global, 2010, B**) |
| 7. | Emmanouil Skondras, Angelos Michalas, Malamati Louta, George Kouzas, “Personalized multimedia web services in Peer to Peer networks using MPEG-7 and MPEG-21 standards”, Semantic Hyper/Multi-media Adaptation: Schemes and Applications, Springer Series on Studies in Computational Intelligence, Volume 418, 2013, pp 361-383(**Springer 2013**) |

|  |
| --- |
| REFEREED CONFERENCES |

|  |  |
| --- | --- |
| 1. | A. Michalas, E. Tsoukatos, J. Economou, V. Loumos & E. Kayafas, "Object Oriented Design & Information Filtering for Innovative Multimedia Services through the Internet" ICT’98, International Conference on Telecommunications, Chalkidiki, Greece, June 21-25, 1998, pp 198-203.**(ICT, 1998)** |
| 2. | A. Michalas, V. Zoi, N. Sotiropoulos, N. Mitrou, V. Zoi, N. Sotiropoulos, N. Mitrou, V. Loumos, E. Kayafas, "A Comparison of two Object Oriented Application Development Platforms for Multimedia Sevices to the Internet", MELECON 2000, Cyprus, IEEE, May 29, 2000, Vol. II, p.p. 750-753.**(MELECON, 2000, A)** |
| 3. | S. Kalogeropoulos, T. Kotsilieris, A. Michalas, V. Kollias, V. Loumos and E. Kayafas, "TTCN Quality Metrics", Proceedings of MELECON 2000, Cyprus, IEEE, May 29, 2000, p.p. 140-143. **(MELECON, 2000, B)** |
| 4. | T. Kotsilieris, S. Kalogeropoulos, P. Fafali, A. Michalas and G. Karetsos, “Using Mobile Agent Technology for Configuration and Auditing of SLSs in IP based Networks” IEEE ICT 2001, 4-7 June 2001, Bucharest, Romania, vol.1, p.p. 536-541.**(ICT, 2001)** |
| 5. | A. Michalas, T. Kotsilieris, S. Kalogeropoulos, G. Karetsos , M. Sidi and V. Loumos, “Enhancing the Performance of Mobile Agent based Network Management Applications”, Proceedings of the 6th IEEE Symposium on Computers and Communications, IEEE ISCC’01 Hammamet, Tunisia, 3-5 July 2001, p.p. 432-437.**(ISCC 2001)** |
| 6. | S.Kalogeropoulos, T.Kotsilieris, A.Michalas, V.Loumos and E.Kayafas, “An automatic quality assessment methodology for Abstract Test Suites”, 12th IMEKO TC4 International Symposium "Electrical Measurement and Instrumentation", Zagreb, Croatia, September 25-27, 2002, p.p. 60-65.**(IMECO 2002)** |
| 7. | K. Yan, A. Galis, T. Mota, A. Michalas, “Mobile Agent Security Facilities for Safe Configuration of IP Networks”, Second International Workshop on Security of Mobile Multiagent Systems, SEMAS-2002, Bologna, Italy, July 16 2002, p.p. 72-78.**(SEMAS 2002)** |
| 8. | M. Louta, A. Michalas, E. Loutas, V. Loumos, “Quality of Service Management in IP networks”, ConTEL 2003 IEEE - The 7th International Conference on Telecommunications, Zagreb, Croatia, June 11-13 2003, p.p. 475-481, ISBN.953-184-052-0.**(CONTEL, 2003, A)** |
| 9 | A. Michalas, P. Fafali, M.Louta, and V. Loumos, “Proportional Delay Differentiation Employing the CBQ Service Discipline”, ConTEL 2003 IEEE - The 7th International Conference on Telecommunications, Zagreb, Croatia, June 11-13 2003, p.p.483-489, ISBN.953-184-052-0. **(CONTEL, 2003, B)** |
| 10 | M. Louta, A. Michalas, M. Anagnostou, E. Loutas, S. Kraounakis, P. Demestichas, “Retailer Selection and Pricing Mechanisms in E-Business Context” ConTEL 2003 IEEE - The 7th International Conference on Telecommunications, Zagreb, Croatia, June 11-13 2003, p.p. 105-112, ISBN.953-184-052-0. **(CONTEL, 2003, C)** |
| 11 | P Fafali, C. Patrikakis, A. Michalas, and V. Loumos, “Internet Traffic Engineering: History monitoring information featuring routing algorithms”, International Conference “Automation and Information ‘03”, Sofia 2003, p.p.87-90.**(AI, 2003)** |
| 12 | S. Kalogeropoulos, T. Kotsilieris, G. Karetsos, A. Michalas, E.Kayafas and V.Loumos, “A Performance Evaluation of Mobile Agent technology in comparison to the Client/Server paradigm for QoS Configuration in DiffServ Domains”, AIA 2003, IAESTED International Conference on Artificial Intelligence and Applications, February 10-13, 2003, Innsbruck, Austria, p.p. 577-582.**(IASTED, 2003, A)** |
| 13. | T. Kotsilieris, J Anagnostopoulos, S. Kalogeropoulos, A. Michalas, E.Kayafas and V.Loumos, “An SNMP Enabled System for Enhanced Monitoring of E-Commerce Statistical Indicators”, AIA 2003, IAESTED International Conference on Artificial Intelligence and Applications, February 10-13, 2003, Innsbruck, Austria, p.p. 446-449. **(IASTED, 2003, B)** |
| 14. | Angelos Michalas, Malamati Louta and Vassili Loumos, “Efficient Call Admission Control Methods in DiffServ Architecture”, 12th IEEE MELECON 2004, Dubrovnic, Croatia, May 12-15 2004, pp. 543-546.**(MELECON 2004)** |
| 15. | Malamati Louta, Evangelos Loutas, Angelos Michalas, Stylianos Kraounakis, Dimitrios Zissopoulos, “Efficient Service Provisioning in a Multi-Domain Network Environment”**,** IEEE IS'04 - the 2004 IEEE International Conference on Intelligent Systems, Varna, Bulgaria, June 22-24, 2004, pp. 541-546.**(IS, 2004)** |
| 16. | Malamati Louta, Angelos Michalas, Ioannis Psoroulas, Evangelos Loutas, “Cost-Effective Service Task Assignment In Multidomain Distributed Computing Environments”, ICETE 2005 – 2nd International Conference on E-Business and Telecomunication Networks, Reading U.K., October 3-7, 2005, pp. 164-168. **(ICETE, 2005)** |
| 17. | Angelos Michalas, Malamati Louta, Dimitrios Zisopoulos, Georgia Charitoudi, Georgios Kouzas, “Mobile Intelligent Agent Technology for QoS Provisioning and Network Management”, in Proc. 10th WSEAS International Conference on Communications, Athens, Greece, July 2006, pp. 340-345. **(WSEAS-C, 2006)** |
| 18. | Angelos Michalas, Malamati Louta, Vassilis Loumos, Dimitrios Zisopoulos, Georgia Charitoudi, “QoS Differentiation Provisioning & Management System Exploiting Mobile Agent Technology”, Proc. of the 31st IEEE Conference on Local Computer Networks (LCN 2006), Tampa, Florida, U.S.A., November 2006, pp. 557-558. **(LCN, 2006)** |
| 19. | Malamati Louta, Angelos Michalas, “Trust Management Framework for Efficient Service Provisioning in Dynamic Distributed Computing Environments”, The IEEE Third International Conference on Internet and Web Applications and Services, Athens, Greece, June 8-13, 2008, pp.518-523. **(ICIW 2008)** |
| 20. | Malamati Louta, Ioannis Anagnostoupoulos, and Angelos Michalas, “Efficient Internet Search Engine Service Provisioning exploiting a Collaborative Web Result Ranking Mechanism”, Τhe 2008 IEEE International Conference on Systems, Man, and Cybernetics, Singapore, October 12-15, 2008, pp.1477-1482. **(SMC 2008)** |
| 21. | Malamati Louta, Angelos Michalas, Ioannis Anagnostoupoulos, Dimitrios Vergados, “Towards Trust Establishment in Ubiquitous Computing Environments”, Proceedings of the 2008 Networking and Electronic Commerce Research Conference, pp. 520-523, Riva del Garda, Italy, September 25-28, 2008. **(NAEC 2008)** |
| 22 | Panos Alexopoulos, Manolis Wallace, Konstantinos Kafentzis, Angelos Michalas, “A Fuzzy Ontology Framework for Customized Assessment of Semantic Similarity”, Proceedings of the IEEE 3rd International Workshop on Semantic Media Adaptation and Personalization, Prague, Czech Republic, December 15-16 2008 **(SMAP 2008)** |
| 23 | Ioanna Lykourentzou , Ioannis Anagnostopoulos, Angelos Michalas, Artemis Voulkidis ,Aikaterini Papadaki, Foteini Dagka , Ioannis Giannoukos and Vassili Loumos, “Enterprise Wikis: A Case Study”, Proceedings of the 2009 International Conference on Applied Economics, Kastoria Greece, 27-30 May, 2009, pp. 409-417. **(ICOAE 2009)** |
| 24 | Malamati Louta, Ioannis Anagnostopoulos, Angelos Michalas, “Foreword to the SMAP ’09 Special Session on Intelligence, Adaptation and Personalization on the Web”, IEEE 4th International Workshop on Semantic Media Adaptation and Personalization, San Sebastian, Spain, December 14-15, 2009 , pp. 97-98. **(SMAP 2009, Α)** |
| 25 | Angelos Michalas and Malamati Louta, “Adaptive Task Scheduling in Grid Computing Environments”, IEEE 4th International Workshop on Semantic Media Adaptation and Personalization, San Sebastian, Spain, December 14-15, 2009 , pp. 115-120. **(SMAP 2009, Β)** |
| 26 | Malamati Louta , Stylianos Kraounakis , Angelos Michalas , “A SURVEY ON REPUTATION-BASED COOPERATION ENFORCEMENT SCHEMES IN WIRELESS AD HOC NETWORKS”, International Conference on Wireless Information Networks and Systems, July 26-28 2010, Athens, Greece, , pp. 90-93. **(WINSYS 2010)** |
| 27 | Emanouil Skondras, Angelos Michalas, Malamati Louta, Anagnostopoulos Ioannis “A Personalized Audio Server using MPEG-7 and MPEG-21 standards”, IEEE 5th International Workshop on Semantic Media Adaptation and Personalization, Limassol, Cyprus, December 9-10, 2010 , pp. 37-43. **(SMAP 2010)** |
| 28 | Panagiotis Sarigiannidis, Malamati Louta, Angelos Michalas, “On Effectively Determining the Downlink-to-uplink Sub-frame Width Ratio for Mobile WiMAX Networks Using Spline Extrapolation”, IEEE 15th Pan‐Hellenic Conference on Informatics, Kastoria, Greece, 30 September - 2 October 2011, pp. 139-143. **(PCI 2011)** |
| 29 | Dimitrios J Vergados, Angelos Michalas, Aggeliki Sgora, Dimitrios D Vergados , “An Adaptive Video Transmission Algorithm to improve Quality of Experience over LTE Access Networks”, IEEE 16th Pan‐Hellenic Conference on Informatics, Piraeus, Greece, 5- 7 October· 2012, pp. 120-125. **(PCI 2012)** |
| 30 | Dimitrios J Vergados, Aggeliki Sgora, Angelos Michalas, Dimitrios D Vergados , “A QoE-Driven Adaptation Scheme for Video Content Delivery in LTE Networks”, IEEE International Symposium on Wireless Communication Systems, 27-30 Aug. 2013, pp.1-5. **(ISWCS 2013)** |
| 31 | Vergados D.J., Michalas A., Sgora A., Vergados D.D., "A control-based algorithm for rate adaption in MPEG-DASH" The 5th IEEE International Conference on Information, Intelligence, Systems and Applications, Chania 7-9 July 2014, pp.438-442. (**IISA 2014A**) |
| 32 | Stavros Tsourdos, Angelos Michalas, Aggeliki Sgora, and Dimitrios D. Vergados, "Enhanced Fast Handovers for PMIPv6 in Vehicular Environments", The 5th IEEE International Conference on Information, Intelligence, Systems and Applications, Chania 7-9 July 2014, pp.420-425(**IISA 2014B**) |
| 33 | Michalas, Angelos, Sgora, Aggeliki, Vergados, Dimitrios D.,"LTE-A Interworking for Seamless Service Provisioning", IEEE International Conference on Telecommunications and Multimedia, Iraklion 28-30 July 2014, pp.138-143 (**TEMU 2014**) |
| 34 | Vergados D.J., Michalas A., Sgora A., Vergados D.D., "A fuzzy controller for rate adaptation in MPEG-DASH clients", IEEE 25th International Symposium on Personal, Indoor and Mobile Radio Communications, Washington DC, September 2014, pp. 2008-2012 (**PIMRC 2014**) |
| 35 | Emmanouil Skondras, Angelos Michalas, Aggeliki Sgora and Dimitrios D. Vergados  "A downlink scheduler supporting real time services in LTE cellular networks" The 6th IEEE International Conference on Information, Intelligence, Systems and Applications, Corfu 6-8 July 2015. (**IISA 2015**) |
| 36 | Nikolaos I. Miridakis, Dimitrios D. Vergados, Angelos Michalas "Cooperative Relaying in Underlay Cognitive Systems with TAS/MRC, Spatial Correlation and Hardware Impairments" The 82nd IEEE Vehicular Technology Conference, 6 – 9 September 2015, Boston, MA USA. (**VTC 2015**) |
| 37 | L. Naoumi, A. Sgora, D.D. Vergados, A Michalas, “Downlink Scheduling in LTE Relay Networks”, 14th Annual Wireless Telecommunications Symposium, 15-17 April, 2015, New York, USA **(WTS 2015-A).** |
| 38 | Theodoros Mavroeidakos, Angelos Michalas, Dimitrios D. Vergados , "Security Architecture based on Defense in Depth for Cloud Computing Environment", 2016 IEEE International Conference on Computer Communications - BDSTA Workshop, April 10-15, San Francisco, USA. **(INFOCOM 2016)** |
| 39 | Emmanouil Skondras, Angelos Michalas, Aggeliki Sgora and Dimitrios D. Vergados  "QoS-aware scheduling in LTE-A networks with SDN control", The 7th IEEE International Conference on Information, Intelligence, Systems and Applications, Halkidiki 13-15 July 2016. (**IISA 2016**) |
| 40 | Athanasios Bimpiris and Angelos Michalas, "Methods for Peak to Average Power Ratio Reduction on SCFDMA", ACM South-East Europe Design Automation,Computer Engineering, Computer Networks and Sosial Media CONFERENCE , 25-27 September 2016  Kastoria,Greece, pp. 81-85 **(SEEDA-CECNSM).** |
| 41 | G. Gkionis, A. Michalas, A. Sgora and D. D. Vergados, "An effective spectrum handoff scheme for Cognitive Radio Ad hoc Networks," 2017 Wireless Telecommunications Symposium (WTS), Chicago, IL, 2017, pp. 1-7. doi: 10.1109/WTS.2017.7943552 |
| 42 | E. Skondras, A. Michalas, A. Sgora and D. D. Vergados, "A Vertical Handover management scheme for VANET Cloud Computing systems," 2017 IEEE Symposium on Computers and Communications (ISCC), Heraklion, 2017, pp. 371-376.doi: 10.1109/ISCC.2017.8024558 |
| 43 | Emmanouil Skondras, Angelos Michalas, Nikolaos Tsolis, Aggeliki Sgora, Dimitrios D. Vergados, “A Network Selection Scheme for Healthcare Vehicular Cloud Computing Systems”, 8th International Conference on Information, Intelligence, Systems and Applications · IISA 2017, Larnaca Cyprus, August 2017 |
| 44 | K. Kralevska., D. J. Vergados, Y. Jiang, and A. Michalas, “A Load Balancing Algorithm for Resource Allocation in IEEE 802.15. 4e Networks”, PerCom 2018, pp. 675-680, Athens, Greece. |
| 45 | Dimitrios J. Vergados, Angelos Michalas, Katina Kralevska, Dimitrios D. Vergados , “Evaluation of HTTP/DASH adaptation algorithms on vehicular networks” Global Information Infrastructure and Networking Symposium (GIIS 2018), October 23-25, 2018  Thessaloniki, Greece |
| 46 | Emmanouil Skondras, Angelos Michalas, Dimitrios D. Vergados, “A Survey on Medium Access Control Schemes for 5G Vehicular Cloud Computing Systems” Global Information Infrastructure and Networking Symposium (GIIS 2018), October 23-25, 2018  Thessaloniki, Greece |

|  |
| --- |
| SYMPOSIA – OTHER POSTS |

|  |  |
| --- | --- |
| Α1. | Angelos Michalas, Malamati Louta, George Kouzas, “An Intelligent Agent Based QoS Provisioning and Network Management System”, WSEAS Transactions on Computers, Vol. 5, Issue 11, November 2006, pp. 2710-2717. **(WSEAS-J, 2006)** |
| A2 | Angelos Michalas, Malamati Louta, and Michael Stamboultzis, “Efficient Job Allocation in Grids”, Journal of European Economy, Published by Ternopil National Economic University, Vol.9, No5, 2010, pp.474-486, ISSN 1684-906X. (**JEE, 2010**) |
| A3 | M. Skondras, A. Michalas, A. Sgora D.D. Vergados, “A QoS Aware Three Level Scheduler for the LTE Downlink”, poster, 14th Annual Wireless Telecommunications Symposium, 15-17 April, 2015, New York, USA. (WTS 2015-B) |

**Short CV**

**Angelos Michalas**

Dr. Michalas is a Professor and Director of the M.Sc. Programme Modern Information Technologies and Services of the Department of Computer Engineering at the Technological Education Institute of Western Macedonia. His research interests focus on the design and performance evaluation of wired and wireless networks, telecommunication management systems, Quality of Service/Quality of Experience, advanced distributed network services, VANETS and Cloud Computing. Dr Michalas is the author of several peer-reviewed publications in these areas and serves as a technical program committee member and reviewer in international conferences and journals. He is member of the IEEE, the ACM and the Technical Chamber of Greece.

From the research activity of Dr. Michalas have emerged the following publications:

• 21 papers in international scientific journals

• 7 publications in book chapters

• 46 papers in refereed conferences

• 3 papers in symposia - other Posts.

His research is recognized internationally with 308 citations and evaluation index h-index 11. His publications are displayed on the site <http://scholar.google.gr/citations?hl=el&user=rxan6QMAAAAJ&view_op=list_works&sortby=title&cstart=20&pagesize=20>