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CONTACT DETAILS

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EDUCATION

Ph.D. Degree

University of the Aegean, School of Sciences, Greece

Duration: 2005 - 2008

Master of Science (M.Sc.)

University College London (UCL), Faculty of Engineering Sciences, UK

Duration: 2000 – 2001

Bachelor of Engineering/Foundation Year (B.Eng. Hons)

University of Manchester Institute of Science & Technology (UMIST), UK

Duration: 1996 – 2000

PUBLICATIONS

Books

1. C. X. Mavromoustakis, E. Pallis, **G. Mastorakis**, “Resource management in mobile computing environments”, Modeling and Optimization in Science and Technologies Series, Springer International Publishing AG, 2014.
2. **G. Mastorakis**, C. X. Mavromoustakis, E. Pallis, Book title: "Resource Management of Mobile Cloud Computing Networks and Environments", published by IGI Global (former IDEA Group publisher) <http://www.igi-global.com>, May 2015.
3. C. X. Mavromoustakis, **G. Mastorakis**, J. M. Batalla, Book title: “Internet of Things (IoT) in 5G Mobile Technologies”, in series Title: Modeling and Optimization in Science and Technologies, published by Springer International Publishing AG, 2016.
4. C. X. Mavromoustakis, **G. Mastorakis**, C. Dobre, Book title: “Advances in Mobile Cloud Computing and Big Data in the 5G Era”, Series Title: Studies in Big Data, to be published by Springer International Publishing AG, 2016.
5. J. M. Batalla, **G. Mastorakis**, C. X. Mavromoustakis, Book title: "The Internet of Everything", in Series Title: Internet of Things: Technology, Communications and Computing, to be published by Springer International Publishing AG, 2016.
6. E. Markakis, **G. Mastorakis**, C. X. Mavromoustakis, E. Pallis, Book Title: Cloud and Fog Computing in 5G Mobile Networks: Emerging Advances and Applications, Topic Area: Computing and Mobile Communications, Institute of Engineering and Technology (IET)/former IEE/UK Publisher, first quarter of 2017.

7. C. Dobre , C. X. Mavromoustakis , N. Garcia, R. Goleva, **G. Mastorakis**, “Ambient assisted living and enhanced living environments: principles, technologies and control”, Elsevier publisher Inc., to be published by Elsevier, third quarter of 2016.
8. G. Skourletopoulos, **G. Mastorakis**, C. X. Mavromoustakis, C. Dobre, E. Pallis, Book title: “Mobile Big Data”, to be published by Springer International Publishing AG, 2017.

Patents

1. Y. Kryftis, C. X. Mavromoustakis, **G. Mastorakis**, J. M. Batalla, E. Pallis, “system and method for forecasting the demand for multimedia content and for selecting the optimal delivery methods (Forecasting Middleware Scheduler - FMS)” (submitted to European Patent Office in 2016). Participation as partner in the National Project co-funded by the European Union, for Patents and Intellectual Property Rights Protection/1114/05. Ranked 1st in the evaluation process, Approved: 2-Feb-2016. Duration: 31 Months (Feb 2016-Oct. 2018).

Edited Volumes

1. **G. Mastorakis**, E. Pallis, C. X. Mavromoustakis, Special Issue on “Future Mobile Computing Environments and Multimedia”, International Journal of Wireless Networks and Broadband Technologies, IGI Global, 2014.
2. **G. Mastorakis**, E. Pallis, C. X. Mavromoustakis, L. Shu, J. J. P. C. Rodrigues, IEEE Systems Journal Special Issue on "Multimedia Services Provision over Future Mobile Computing Systems", 2016.
3. J. M. Batalla, **G. Mastorakis**, C. X. Mavromoustakis, Wiley Publisher, International Journal on Network Management (IJNM) Special Issue on "Management of the Internet of Things and Big Data", Wiley, to appear April 2016.

4. C. Dobre, **G. Mastorakis**, C. X. Mavromoustakis, F. Xhafa, Special issue on Parallel Algorithms and Architectures for Large Data Sets, IEEE Transactions on Sustainable Computing (approved March 2016), to appear third quarter of 2016.
5. C. Dobre, **G. Mastorakis**, C. X. Mavromoustakis, F. Xhafa, special issue on Parallel Algorithms and Architectures for Large Data Sets, Journal of Parallel and Distributed Computing, Elsevier (<http://www.journals.elsevier.com/journal-of-parallel-and-distributed-computing/call-for-papers/special-issue-on-parallel-algorithms-and-architectures-for-l/>), to appear third quarter of 2016.

Publication in International Scientific Journals and Book Chapters

1. E. Pallis, C. Mantakas, **G. Mastorakis**, A. Kourtis, V. Zacharopoulos, “Digital Switchover in UHF: the ATHENA concept for broadband access”, European Transactions on Telecommunications, Wiley Publishers, vol. 17, no. 2, 29 March 2006, pp. 175-182.
2. E. Pallis, C. Mantakas, **G. Mastorakis**, V. Zacharopoulos, “Digital Switchover in UHF: Support of Tele-learning Applications at TEI of Crete Exploiting ATHENA Platform”, in the Book “Academic Tele-learning Approaches”, Editors. K. Vasilakis & M. Kalogiannakis, Department of Sciences, Technological Educational Institute of Crete, July 2006, (in Greek).
3. **G. Mastorakis**, E. Pallis, C. Mantakas, G. Kormentzas, C. Skianis, “Exploiting Digital Switchover for Broadband Services Access in Rural Areas”, Journal of Communications, Academy Publishers, vol. 1, no. 6, Sept. 2006, pp. 45-50.
4. **G. Mastorakis**, G. Kormentzas, E. Pallis, “A Fusion IP/DVB Networking Environment for Providing Always-On Connectivity and Triple-Play Services to Urban and Rural Areas”, IEEE Network Magazine, vol. 21, no. 2, March-April 2007, pp. 21-27.

5. E. Pallis, **G. Mastorakis**, A. Burdena, A. Mehaua, Y. Hadjadj Aoul, "The Use of Novel Satellite Broadcast Technologies for the Provision of Integrated Services", in the book "IP Networking over Next-Generation Satellite Systems", Editors Linghang Fan, Haithan Cruickshank and Zhili Sun, Springer New York, ISBN: 978-0-387-75427-7, December, 2007, pp. 151-156.
6. **G. Mastorakis**, E. Pallis, G. Kormentzas, "A DVB/IP QoS aware Backhaul Networking Environment", *Wireless Personal Communications*, Springer New York, vol. 52, no. 3, February 2010, pp. 637-649.
7. **G. Mastorakis**, E. Pallis, V. Zacharopoulos, A. Bourdena, "New Business Strategies and Marketing Opportunities Utilizing a Liberalized Spectrum Management Framework", *Transactions on Business and Economics*, vol. 8, no. 2, April 2011, pp. 39-49.
8. **G. Mastorakis**, "Optimizing Interactive Marketing in DVB Systems", *Asian Journal of Marketing*, vol. 5, no. 2, 2011, pp. 55-62.
9. **G. Mastorakis**, "Digital Dividend: The Path Towards Business and Marketing Development", *Chinese Business Review*, vol. 10, no. 12, December 2011, pp. 1131-1137.
10. **G. Mastorakis**, "Leveraging financial growth and social development through a liberalized management framework of TV White Spaces", *Journal of Business and Economics*, vol. 3, no.6, December 2012, pp. 424-434.
11. **G. Mastorakis**, N. Trihas, E. Perakakis, I. Kopanakis, "Adopting Network Multimedia Systems in Interactive Digital Television: A Strategic Method towards Enhancing Tourism Relationship Marketing", in the book "Information and Communication Technologies in Tourism 2013", Editors: L. Cantoni & Z. Xiang, ISBN: 978-3-642-36308-5, Springer, Berlin-Heidelberg, 2013, pp. 472-482.
12. A. Bourdena, **G. Mastorakis**, E. Pallis, G. Kormentzas, "A Routing Protocol for Enhanced Efficiency in Cognitive Radio Networks", *Journal of Communications and Computers*, vol. 10, no 5, May 2013, pp. 675-685.

- 13.A. Bourdena, P. Makris, D. Skoutas, C. Skianis, G. Kormentzas, E. Pallis, **G. Mastorakis**, “Joint Radio Resource Management in Cognitive Networks: TV White Spaces Exploitation Paradigm”, in the book "Evolution of Cognitive Networks and Self-Adaptive Communication Systems", Editors: Thomas Lagkas, Panagiotis Sarigiannidis, Malamati Louta, Periklis Chatzimisios, June 2013, pp. 50-80.
- 14.C. X. Mavromoustakis, C. D. Dimitriou, **G. Mastorakis**, “On the Real-Time BTD Evaluation in the presence of delay sensitive transmissions and Intermittent Connectivity for Energy Conservation in Wireless Devices”, International Academy, Research, and Industry Association (IARIA), International Journal On Advances in Networks and Services, vol. 06, no. 3-4, 2013, Impact Factor: 24,7, pp. 148-161 (invited best paper).
- 15.**G. Mastorakis**, N. Trihas, E. Perakakis, I. Kopanakis, “Efficient Customer Relationship Management and Novel e-Marketing Strategies in Tourism and Hospitality”, GSTF Business Review, vol 3, no.1, November, 2013.
- 16.N. Trihas, E. Perakakis, M. Venitourakis, G. Mastorakis, I. Kopanakis, “Destination Marketing Using Multiple Social Media: The Case of ‘Visit Ierapetra’”, Tourism Today: The Journal of the College of Tourism and Hotel Management, no. 13, Autumn, 2013, pp. 114-126.
- 17.N. Trihas, E. Perakakis, M. Venitourakis, **G. Mastorakis**, I. Kopanakis, “Social media as a marketing tool for tourism destinations: The case of Greek municipalities”, Journal of Marketing Vistas, vol. 3, no.2, December, 2013, pp. 38-48.
- 18.A. Bourdena, E. Pallis, G. Kormentzas, **G. Mastorakis**, “A prototype cognitive radio architecture for TVWS exploitation under the real time secondary spectrum market policy”, Physical Communication, Elsevier, vol. 10, March, 2014, pp. 159-168.
- 19.C. X. Mavromoustakis, **G. Mastorakis**, A. Bourdena, E. Pallis, “Energy Efficient Resource Sharing using a Traffic-oriented Routing Scheme for Cognitive Radio

Networks”, IET Networks Journal, vol. 3, no.1, March, 2014, pp. 54-63, **(2015 Premium Award for Best Paper in IET Networks).**

20. **G. Mastorakis**, N. Trihas, E. Perakakis, I. Kopanakis, “E-CRM in tourism exploiting emerging information and communication technologies”, *Anatolia: An International Journal of Tourism and Hospitality Research*, Special Issue on: Improving Marketing Effectiveness: Advances in Tourism, Travel, Hospitality and Leisure Marketing, Taylor & Francis, April, 2014.
21. S. Mirtchev, C. X. Mavromoustakis, R. Goleva, K. Kassev, **G. Mastorakis**, “Generic IP Network Traffic Management from Measurement through Analyses to Simulation” in the book “Resource Management in Mobile Computing Environments”, Springer International Publishing, June, 2014, pp. 167-192.
22. D. Stratakis, A. Miaoudakis, E. Pallis, T. Yioultsis, T. Xenos, **G. Mastorakis**, C. X. Mavromoustakis, “Measurements on Modern Wireless Communication Technologies and Estimation of Human Exposure” in the book *Resource Management in Mobile Computing Environments*, Springer International Publishing, June, 2014, pp. 115-130.
23. N. Zotos, C. Stergiopoulos, K. Anastasopoulos, G. Bogdos, E. Pallis, C. Skianis, **G. Mastorakis**, C. X. Mavromoustakis, “Unified Platform for M2M Virtual Object Interoperability” in the book *Resource Management in Mobile Computing Environments*, Springer International Publishing, June, 2014, pp. 497-512.
24. A. Andreou, C. X. Mavromoustakis, **G. Mastorakis**, A. Bourdena, E. Pallis, “Adaptive Heuristic-Based P2P Network Connectivity and Configuration for Resource Availability” in the book *Resource Management in Mobile Computing Environments*, Springer International Publishing, June, 2014, pp. 221-240.
25. E. Markakis, C. Skianis, E. Pallis, **G. Mastorakis**, C. X. Mavromoustakis, A. Antonas, “Peer-to-Peer Constellations in an IMS-Enabled Network Architecture Based on Interactive Broadcasting” in the book *Resource Management in Mobile*

Computing Environments, Springer International Publishing, June, 2014, pp. 271-282, 2014.

26.C. X. Mavromoustakis, C. Dimitriou, **G. Mastorakis**, A. Bourdena, E. Pallis, “Using Traffic Diversities for Scheduling Wireless Interfaces for Energy Harvesting in Wireless Devices”, in the book Resource Management in Mobile Computing Environments, Springer International Publishing, June, 2014, pp.481-496.

27.**G. Mastorakis**, C. X. Mavromoustakis, A. Bourdena, E. Pallis, G. Sismanidis, D. Stratakis, S. Papadakis, “Energy-Efficient Routing in Cognitive Radio Networks”, in the book Resource Management in Mobile Computing Environments, Springer International Publishing, June, 2014, pp.323-340, 2014.

28.**G. Mastorakis**, E. Pallis, C. X. Mavromoustakis, A. Bourdena, “Efficient Resource Management Utilizing Content-Aware Multipath Routing”, in the book Resource Management in Mobile Computing Environments, Springer International Publishing, June, 2014, pp. 389-395.

29.**G. Mastorakis**, S. Panagiotakis, K. Kapetanakis, G. Dagalakis, C. X. Mavromoustakis, A. Bourdena, E. Pallis, “Energy and Resource Consumption Evaluation of Mobile Cognitive Radio Devices” in the book Resource Management in Mobile Computing Environments, Springer International Publishing, June, 2014, pp. 359-388.

30.A. Bourdena, E. Pallis, G. Kormentzas, **G. Mastorakis**, “Efficient Radio Resource Management Algorithms in Opportunistic Cognitive Radio Networks”, Emerging Telecommunication Technologies, Wiley, vol. 25, no. 8, 29 August, 2014, pp. 785-797.

31.**G. Mastorakis**, N. Trihas, C. X. Mavromoustakis, E. Perakakis, I. Kopanakis, “A Cloud Computing Model for Efficient Marketing Planning in Tourism”, International Journal of Online Marketing, vol. 4, no.3, July-September 2014, pp. 15-32.

- 32.A. Bourdena, C. X. Mavromoustakis, G. Kormentzas, E. Pallis, **G. Mastorakis**, Muneer Bani Yassein, "A Resource Intensive Traffic-Aware Scheme using Energy-efficient Routing in Cognitive Radio Networks", *Future Generation Computer Systems*, Elsevier, vol. 39, October, 2014, pp. 16-28.
33. C. X. Mavromoustakis, P. Mousicou, K. Papanikolaou, **G. Mastorakis**, A. Bourdena, E. Pallis, "Dynamic cloud resource migration for efficient 3D video processing in mobile computing environments", *Book on Novel 3D Media*, by Ahmet Kondoç and Tasos Dagiuklas, by Springer International Publishing, October, 2014, pp. 119-134.
34. C. X. Mavromoustakis, A. Bourdena, **G. Mastorakis**, E. Pallis, G. Kormentzas, "An Energy-Aware Scheme for Efficient Spectrum Utilization in a 5G Mobile Cognitive Radio Network Architecture", *Special Issue on Energy Efficient 5G Wireless Technologies*, *Springer Telecommunication Systems Journal*, November, 2014.
- 35.C. X. Mavromoustakis, **G. Mastorakis**, A. Bourdena, E. Pallis, "Efficient Multimedia Services Provision over Cognitive Radio Networks using a Traffic-oriented Routing Scheme", in the book "Multimedia Over Cognitive Radio Networks: Algorithms, Protocols, and Experiments", Taylor and Francis LLC, CRC Press, December, 2014.
- 36.C. X. Mavromoustakis, A. Andreou, **G. Mastorakis**, A. Bourdena, J. M. Batalla, C. Dobre, "On the Performance Evaluation of a Novel Offloading-based Energy Conservation Mechanism for Wireless Devices", in the Book on Mobile "Networks and Management", Springer International Publishing, 2015.
- 37.N-V. Ciobanu, D-G. Comaneci, C. Dobre, C. X. Mavromoustakis, **G. Mastorakis**, "OpenMobs: Mobile Broadband Internet Connection Sharing", in the Book on "Mobile Networks and Management", Springer International Publishing, 2015.
- 38.M. Ciocan, C. Dobre, C. X. Mavromoustakis, **G. Mastorakis**, "Analysis of Vehicular Storage and Dissemination Services based on Floating Content", in the

Book on “Mobile Networks and Management”, Springer International Publishing, 2015.

39. K. Papanikolaou, C. X. Mavromoustakis, **G. Mastorakis**, A. Bourdena, C. Dobre, "Energy Consumption Optimization using Social Interaction in the Mobile Cloud", in the Book on “Mobile Networks and Management”, Springer International Publishing, 2015.
40. C. X. Mavromoustakis, **G. Mastorakis**, A. Bourdena, E. Pallis, “A Resource Intensive Traffic-Aware Scheme using Energy-Efficient Routing in Cognitive Radio Networks”, Journal of Information Technology Research, IGI-Global, Volume 8 (1), 2015, pp. 1-24.
41. G. Skourletopoulos, R. Bahsoon, C. X. Mavromoustakis, **G. Mastorakis**, “The Technical Debt in Cloud Software Engineering: A Prediction-based and Quantification Approach”, in the Book on “Resource Management of Mobile Cloud Computing Networks and Environments”, IGI-GLOBAL, March, 2015.
42. C. X. Mavromoustakis, **G. Mastorakis**, A. Bourdena, E. Pallis, D. Stratakis, E. Perakakis, I. Kopanakis, S. Papadakis, Z. D. Zaharis, C. Skeberis, T. D. Xenos, “A Social-oriented Mobile Cloud Scheme for Optimal Energy Conservation”, in the Book on “Resource Management of Mobile Cloud Computing Networks and Environments”, IGI-GLOBAL, March, 2015.
43. Y. Kryftis, **G. Mastorakis**, C. X. Mavromoustakis, J. M. Batalla, A. Bourdena, E. Pallis, “A Resource Prediction Engine for Efficient Multimedia Services Provision”, in the Book on “Resource Management of Mobile Cloud Computing Networks and Environments”, IGI-GLOBAL, March, 2015.
44. **G. Mastorakis**, N. Trihas, E. Perakakis, I. Kopanakis, C. X. Mavromoustakis, “Mobile Customer Relationship Management: innovative Perspectives and Future trends in Tourism”, in the Book on “Innovative management perspectives on confronting contemporary challenges”, Publisher: Cambridge Scholars Publishing, Eds.: D. Vrontis, E. Tsoukatos, A. Maizza, April, 2015.

45. O. Shiakallis, C. X. Mavromoustakis, **G. Mastorakis**, A. Bourdena, E. Pallis, "Traffic-based S-MAC: A novel Scheduling Mechanism for Optimized Throughput in Mobile Peer-to-Peer Systems", *International Journal of Wireless Networks and Broadband Technologies*, IGI-GLOBAL, 2015, pp. 62-80.
46. I. Kopanakis, E. Perakakis, **G. Mastorakis**, "Tourism Relationship Marketing by Exploiting Emerging Technological Advances", *Informatika*, Scientific review of the Dennis Gabor College, vol. 43, no.1, 2015, pp. 09-15.
47. C. X. Mavromoustakis, **G. Mastorakis**, A. Bourdena, E. Pallis, "Energy-efficient management using a traffic-oriented routing scheme for cognitive radio networks", *International Journal of Network Management*, Wiley, Volume 25, Issue 6, November/December 2015, pp. 418–434.
48. Z. D. Zaharis, P. I. Lazaridis, C. Skeberis, **G. Mastorakis**, C. X. Mavromoustakis, E. Pallis, D. I. Stratakis, T. D. Xenos, "Design and optimization of wideband log-periodic dipole arrays under requirements for high gain, high front-to-back ratio, optimal gain flatness and low side lobe level: The application of Invasive Weed Optimization", in the Book on "Wireless Network Performance Enhancement via Directional Antennas: Models, Protocols, and Systems", Edited by J. D. Matyjas, F. Hu, S. Kumarto, published by Taylor & Francis LLC, CRC Press, December 2015.
49. A. Bourdena, C. X. Mavromoustakis, **G. Mastorakis**, J. J. P. C. Rodrigues, C. Dobre, "Using Socio-Spatial Context in Mobile Cloud Process Offloading for Energy Conservation in Wireless Devices", *IEEE Transactions on Cloud Computing*, no. 99, December, 2015, [Impact Factor 4.382].
50. Y. Kryftis, **G. Mastorakis**, C. X. Mavromoustakis, J. M. Batalla, E. Pallis and G. Kormentzas, "Efficient Entertainment Services Provision over a Novel Network Architecture", *IEEE Wireless Communications Magazine*, February 2016, [Impact Factor 6.524].
51. G. Skourletopoulos, C. X. Mavromoustakis, **G. Mastorakis**, J. M. Batalla, J. N. Sahalos, "An Evaluation of Cloud-Based Mobile Services with Limited Capacity:

- A Linear Approach”, *Soft Computing Journal*, Springer/Berlin-Heidelberg, February, 2016 [Impact Factor 1.429].
52. O. Shiakallis, C. X. Mavromoustakis, **G. Mastorakis**, A. Bourdena, E. Pallis, E. Markakis, C. Dobre, "A Scheduling Scheme for Throughput Optimization in Mobile Peer-to-Peer Networks", in the Book on "Emerging Innovations in Wireless Networks and Broadband Technologies", Editor: Prof. N. Chilamkurti, Publisher: IGI-GLOBAL, March, 2016.
53. M. Costea, R.-I. Ciobanu, R.-C. Marin, C. Dobre, C. X. Mavromoustakis, **G. Mastorakis**, "Causal and Total Order in Opportunistic Networks" in the Book on "Emerging Innovations in Wireless Networks and Broadband Technologies", Editor: Prof. N. Chilamkurti, Publisher: IGI-GLOBAL, March, 2016.
54. E. Markakis, D. Negru, J. Bruneau-Queyreix, E. Pallis, **G. Mastorakis**, C. X. Mavromoustakis, "A P2P Home-Box Overlay for Efficient Content Distribution" in the Book on "Emerging Innovations in Wireless Networks and Broadband Technologies", Editor: Prof. N. Chilamkurti, Publisher: IGI-GLOBAL, March, 2016.
55. Y. Kryftis, **G. Mastorakis**, C. X. Mavromoustakis, J. M. Batalla, J. Rodrigues, C. Dobre, "Resource Usage Prediction Models for Optimal Multimedia Content Provision", *IEEE Systems Journal*, 2016, [Impact Factor 1.982].
56. E. Markakis, **G. Mastorakis**, D. Negru, E. Pallis, C. X. Mavromoustakis, A. Bourdena, "A Context-Aware System for Efficient Peer-to-Peer Content Provision", in the Elsevier Book on "Pervasive Computing: Next Generation Platforms for Intelligent Data Collection", Eds.: C. Dobre, F. Xhafa, 2016.
57. J. M. Batalla, M. Gajewski, W. Latoszek, P. Krawiec, C. X. Mavromoustakis, **G. Mastorakis**, "ID-based service-oriented communications for unified access in IoT", in *Computer & Electrical Engineering Journal*, Elsevier, 2016 [Impact Factor 1.538].
58. J. M. Batalla, **G. Mastorakis**, C. X. Mavromoustakis, J. Zurek, "On cohabitating networking technologies with common wireless access for Home Automation

Systems purposes”, in the Special Issue on “Enabling Wireless Communication and Networking Technologies for the Internet of Things”, IEEE Wireless Communication Magazine, 2016 [Impact Factor 6.524].

59. I. Vakintis, S. Panagiotakis, **G. Mastorakis**, C. X. Mavromoustakis, “Evaluation of a Web Crowd-Sensing IoT Ecosystem providing Big Data Analysis”, in the Book on "Resource Management for Big Data Platforms and Applications" a book in “Studies in Big Data” Springer series with editors: F. Pop, J. Kołodziej, B. di Martino, Springer International Publishing, 2017.
60. J. M. Batalla, C. X. Mavromoustakis, **G. Mastorakis**, K. Sienkiewicz, “On the Track of 5G Radio Access Network for IoT Wireless Spectrum Sharing in Device Positioning Applications” in the book “Internet of Things (IoT) in 5G Mobile Technologies”, Springer International Publishing, May, 2016, pp. 25-35.
61. V. Hadjioannou, C. X. Mavromoustakis, **G. Mastorakis**, J. M. Batalla, I. Kopanakis, E. Perakakis, S. Panagiotakis, “Security in Smart Grids and Smart Spaces for Smooth IoT Deployment in 5G” in the book “Internet of Things (IoT) in 5G Mobile Technologies”, Springer International Publishing, May, 2016, pp. 371-397.
62. R. Goleva, R. Stainov, D. Wagenknecht-Dimitrova, S. Mirtchev, D. Atamian, C. X. Mavromoustakis, **G. Mastorakis**, C. Dobre, A. Savov, P. Draganov, “Data and Traffic Models in 5G Network” in the book “Internet of Things (IoT) in 5G Mobile Technologies”, Springer International Publishing, May, 2016, pp. 485-499.
63. K. Papadokostaki, **G. Mastorakis**, S. Panagiotakis, C. X. Mavromoustakis, C. Dobre, J. M. Batalla, “Handling Big Data in the era of Internet of Things (IoT)”, in the Book on “Advances in Mobile Cloud Computing and Big Data in the 5G Era”, Eds.: C. X. Mavromoustakis, G. Mastorakis, C. Dobre, Studies in Big Data Series, vol. 22, Springer, 2016.
64. G. Skourletopoulos, C. X. Mavromoustakis, **G. Mastorakis**, J. M. Batalla, C. Dobre, S. Panagiotakis, E. Pallis, “Big Data and Cloud Computing: A Survey of

- the State-of-the-Art and Research Challenges”, in the Book on “Advances in Mobile Cloud Computing and Big Data in the 5G Era”, Eds.: C. X. Mavromoustakis, G. Mastorakis, C. Dobre, Studies in Big Data Series, vol. 22, Springer, 2016.
65. G. Skourletopoulos, C. X. Mavromoustakis, **G. Mastorakis**, J. M. Batalla, C. Dobre, S. Panagiotakis, E. Pallis, “Towards Mobile Cloud Computing in 5G Mobile Networks: Applications, Big Data Services and Future Opportunities”, in the Book on “Advances in Mobile Cloud Computing and Big Data in the 5G Era”, Eds.: C. X. Mavromoustakis, G. Mastorakis, C. Dobre, Studies in Big Data Series, vol. 22, Springer, 2016.
66. A.-E. Mihaita, C. Dobre, F. Pop, C. X. Mavromoustakis, **G. Mastorakis**, “Secure Opportunistic Vehicle-to-Vehicle Communication”, in the Book on “Advances in Mobile Cloud Computing and Big Data in the 5G Era”, Eds.: C. X. Mavromoustakis, G. Mastorakis, C. Dobre, Studies in Big Data Series, vol. 22, Springer, 2016.
67. P. Vavouranakis, S. Panagiotakis, **G. Mastorakis**, C. X. Mavromoustakis, “Smartphone-Based Telematics for Usage Based Insurance”, in the Book on “Advances in Mobile Cloud Computing and Big Data in the 5G Era”, Eds.: C. X. Mavromoustakis, G. Mastorakis, C. Dobre, Studies in Big Data Series, vol. 22, Springer, 2016.
68. P. Krawiec, J. M. Batalla, J. Bruneau-Queyreix, D. Negru, **G. Mastorakis**, C. X. Mavromoustakis, “Collaborative Media Delivery in 5G Mobile Cloud Networks”, in the Book on “Advances in Mobile Cloud Computing and Big Data in the 5G Era”, Eds.: C. X. Mavromoustakis, G. Mastorakis, C. Dobre, Studies in Big Data Series, vol. 22, Springer, 2016.
69. Y. Nikoloudakis, S. Panagiotakis, E. Markakis, **G. Mastorakis**, C. X. Mavromoustakakis, Evangelos Pallis, “Towards a FOG-enabled navigation system with advanced cross-layer management features and IoT equipment”, in the Book on “Cloud and Fog Computing in 5G Mobile Networks”, Eds.: E. Markakis, G. Mastorakis, C. X. Mavromoustakis, E. Pallis, IET, 2017.

70. G. Alexiou, E. Pallis, **G. Mastorakis**, E. Markakis, A. Sideris, A. Bourdena, C. X. Mavromoustakis, “A Novel Marketplace for Trading/Brokering Virtual Network Functions over Cloud Infrastructures”, in the Book on “Cloud and Fog Computing in 5G Mobile Networks”, Eds.: E. Markakis, G. Mastorakis, C. X. Mavromoustakis, E. Pallis, IET, 2017.
71. P. Vavouranakis, S. Panagiotakis, **G. Mastorakis**, C. X. Mavromoustakis, J. M. Batalla, “Recognizing Driving Behaviour using Smartphones”, in the Book on “Beyond the Internet of Things: Everything Interconnected”, Eds.: J. M. Batalla, G. Mastorakis, C. X. Mavromoustakis, E. Pallis, Internet of Things Series, Springer, 2017.
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34. A. Bourdena, **G. Mastorakis**, E. Pallis, C. X. Mavromoustakis, G. Kormentzas, E. Karditsis, “A Radio Resource Management Framework for Opportunistic TVWS Access”, in Proc. 1st ACM Workshop on High Performance Mobile Opportunistic Systems (HP-MOSys 2012), 15th ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems, in cooperation with R8 IEEE Computer Society C16, Paphos, Cyprus, 21-25 October 2012, pp. 33-38.
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36. A. Bourdena, E. Pallis, G. Kormentzas, H. Skianis, **G. Mastorakis**, “QoS provisioning and policy management in a broker-based CR network architecture”, in Proc. IEEE Globecom 2012, Anaheim, California, USA, 03-07 December, 2012, pp. 1841-1846.
37. **G. Mastorakis**, N. Trihas, E. Perakakis, I. Kopanakis, “Adopting Network Multimedia Systems in Interactive Digital Television: A Strategic Method towards Enhancing Tourism Relationship Marketing”, in the book “Information and Communication Technologies in Tourism 2013 (Proceedings of the International Conference in Innsbruck, Austria)”, Editors: L. Cantoni & Z. Xiang, ISBN: 978-3-642-36308-5, Springer, Berlin-Heidelberg, 23-25 January, 2013, pp. 472-482.
38. **G. Mastorakis**, “Increasing economic growth through dynamic radio spectrum management policies”, in Proc. 7th International Conference on Management,

Marketing and Finances, MMF'13, Cambridge, USA, 30 January – 01 February, 2013, pp. 34-39.

39. **G. Mastorakis**, N. Trihas, E. Perakakis, I. Kopanakis, M. Antonaki, “A Technology Convergence Model Adopted in Tourism Relationship Marketing”, in Proc. 7th International Conference on Management, Marketing and Finances, MMF'13, Cambridge, USA, 30 January – 01 February, 2013, pp. 46-50.
40. **G. Mastorakis**, C. X. Mavromoustakis, A. Bourdena, E. Pallis, "An Energy-Efficient Routing Scheme using Backward Traffic Difference Estimation in Cognitive Radio Networks", in Proc. 14th IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks (IEEE WoWMoM 2013), 3rd IEEE Workshop on Convergence among Heterogeneous Wireless Systems in Future Internet (CONWIRE 2013), Madrid, Spain, 04-07 June, 2013, pp. 01-06.
41. A. Bourdena, E. Pallis, G. Kormentzas, **G. Mastorakis**, “Radio Resource Management Algorithms for Efficient QoS Provisioning over Cognitive Radio Networks”, in Proc. IEEE International Conference on Communications, IEEE ICC2013, Budapest, Hungary, 09-13 June, 2013.
42. C. D. Dimitriou, C. X. Mavromoustakis, **G. Mastorakis**, E. Pallis, "On the performance response of delay-bounded energy-aware bandwidth allocation scheme in wireless networks", in Proc. IEEE ICC2013, Workshop, Budapest, Hungary, 09-13 June, 2013.
43. **G. Mastorakis**, A. Bourdena, C. X. Mavromoustakis, E. Pallis, G. Kormentzas, “An Energy-efficient Routing Protocol for Ad-hoc Cognitive Radio Networks”, in Proc. IEEE Future Network & Mobile Summit 2013 (FUNEMS 2013), Lisbon, Portugal, 03-05 July, 2013.
44. **G. Mastorakis**, N. Trihas, E. Perakakis, I. Kopanakis, "Efficient Customer Relationship Management and Novel e-Marketing Strategies in Tourism and Hospitality", in Proc. 2nd Annual International Conference on Tourism and Hospitality Research 2013 (THoR 2013), Singapore, 22-23 July, 2013, pp.29-34.

45. **G. Mastorakis**, C. X. Mavromoustakis, A. Bourdena, G. Kormentzas, E. Pallis, “Maximizing Energy Conservation in a Centralized Cognitive Radio Network Architecture”, in Proc. 18th IEEE International Workshop on Computer-Aided Modeling Analysis and Design of Communication Links and Networks (IEEE CAMAD 2013), Berlin, Germany, 25-27 September, 2013.
46. **G. Mastorakis**, C. X. Mavromoustakis, A. Bourdena, E. Pallis. G. Sismanidis, “Optimizing Radio Resource Management in Energy-Efficient Cognitive Radio Networks”, in Proc. 2nd ACM Workshop on High Performance Mobile Opportunistic Systems (HP-MOSys 2013), 16th ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems, in cooperation with R8 IEEE Computer Society C16, Barcelona, Spain, 03-08 November 2013.
47. P. Mousicou, C. X. Mavromoustakis, **G. Mastorakis**, A. Bourdena, E. Pallis., “Performance Evaluation of Dynamic Cloud Resource Migration Based on Temporal and Capacity-Aware Policy for Efficient Resource Sharing”, in Proc. 2nd ACM Workshop on High Performance Mobile Opportunistic Systems (HP-MOSys 2013), 16th ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems, in cooperation with R8 IEEE Computer Society C16, Barcelona, Spain, 03-08 November 2013.
48. C. X. Mavromoustakis, C. Dimitriou, **G. Mastorakis**, E. Pallis, “Real-Time Performance Evaluation of F-BTD scheme for optimized QoS Energy Conservation in Wireless Devices”, in Proc. IEEE Globecom 2013, 2nd IEEE Workshop on Quality of Experience for Multimedia Communications (QoEMC2013), Atlanta, GA, USA, 09-13 December, 2013 (grant received by COST ESR).
49. D. Stratakis, A. Miaoudakis, **G. Mastorakis**, E. Pallis, T. Xenos, T. Yioultsis, C. X. Mavromoustakis, "Noise Reduction for Accurate Power Measurements of Low Level Signals", International Conference on Telecommunications and Multimedia TEMU 2014, IEEE Communications Society proceedings, 28-30 July, Crete, Greece, pp. 162-166.

50. S. Papadakis, E. Stykas, **G. Mastorakis**, C. X. Mavromoustakis, "A hyper-box approach using relational databases for large scale machine learning", International Conference on Telecommunications and Multimedia TEMU 2014, IEEE Communications Society proceedings, 28-30 July, Crete, Greece, pp. 69-73.
51. **G. Mastorakis**, Evangelos K. Markakis, Evangelos Pallis, C. X. Mavromoustakis, Georgios Skourletopoulos, "Virtual Network Functions Exploitation through a Prototype Resource Management Framework", International Conference on Telecommunications and Multimedia TEMU 2014, IEEE Communications Society proceedings, 28-30 July, Crete, Greece, pp. 24-28.
52. M. Papadopoulos, C. X. Mavromoustakis, G. Skourletopoulos, **G. Mastorakis**, E. Pallis, "Performance Analysis of Reactive Routing Protocols in Mobile Ad hoc Networks", International Conference on Telecommunications and Multimedia TEMU 2014, IEEE Communications Society proceedings, 28-30 July, Crete, Greece, pp. 104-110.
53. C. X. Mavromoustakis, **G. Mastorakis**, S. Papadakis, A. Andreou, A. Bourdena, D. Stratakis, "Energy Consumption Optimization through Pre-scheduled Opportunistic Offloading in Wireless Devices", The Sixth International Conference on Emerging Network Intelligence, EMERGING 2014, August 24 - 28, 2014 - Rome, Italy, pp. 22-28 (best paper invited for journal publication).
54. C. X. Mavromoustakis, A. Andreou, **G. Mastorakis**, A. Bourdena, J. M. Batalla, C. Dobre, "On the Performance Evaluation of a Novel Offloading-based Energy Conservation Mechanism for Wireless Devices", Proceedings of the 6th International Conference on Mobile Networks and Management (MONAMI 2014), September 22–24, 2014 Wuerzburg, Germany.
55. N-V. Ciobanu, D-G. Comaneci, C. Dobre, C. X. Mavromoustakis, **G. Mastorakis**, "OpenMobs: Mobile Broadband Internet Connection Sharing", Proceedings of the 6th International Conference on Mobile Networks and Management (MONAMI 2014), September 22–24, 2014 Wuerzburg, Germany.

56. M. Ciocan, C. Dobre, C. X. Mavromoustakis, **G. Mastorakis**, "Analysis of Vehicular Storage and Dissemination Services based on Floating Content", in Proc. of International Workshop on Enhanced Living Environments (ELEMENT 2014), 6th International Conference on Mobile Networks and Management (MONAMI 2014), Wuerzburg, Germany, September 2014.
57. K. Papanikolaou, C. X. Mavromoustakis, **G. Mastorakis**, A. Bourdena, C. Dobre, "Energy Consumption Optimization using Social Interaction in the Mobile Cloud", in Proc. of International Workshop on Enhanced Living Environments (ELEMENT 2014), 6th International Conference on Mobile Networks and Management (MONAMI 2014), Wuerzburg, Germany, September 2014.
58. G. Skourletopoulos, R. Bahsoon, C. X. Mavromoustakis, **G. Mastorakis**, E. Pallis, "Predicting and Quantifying the Technical Debt in Cloud Software Engineering," in Proceedings of the 19th IEEE International Workshop on Computer-Aided Modeling Analysis and Design of Communication Links and Networks (IEEE CAMAD 2014), Athens, Greece, 1-3 December, 2014.
59. Y. Kryftis, C. X. Mavromoustakis, J. M. Batalla, **G. Mastorakis**, E. Pallis, G. Skourletopoulos, "Resource Usage Prediction for Optimal and Balanced Provision of Multimedia Services," in Proceedings of the 19th IEEE International Workshop on Computer-Aided Modeling Analysis and Design of Communication Links and Networks (IEEE CAMAD 2014), Athens, Greece, 1-3 December, 2014.
60. C. X. Mavromoustakis, **G. Mastorakis**, A. Bourdena, E. Pallis, G. Kormentzas, J. J. P. C. Rodrigues, "Context-oriented Opportunistic Cloud Offload Processing for Energy Conservation in Wireless Devices", in IEEE Globecom 2014-Cloud Computing Systems, Networks, and Applications - Globecom 2014 Workshop - The Second International Workshop on Cloud Computing Systems, Networks, and Applications (CCSNA), GC14, Austin, TX, USA (best paper).

61. C. X. Mavromoustakis, **G. Mastorakis**, A. Bourdena, E. Pallis, G. Kormentzas, C. Dimitriou, "Joint Energy and Delay-aware Scheme for 5G Mobile Cognitive Radio Networks", in proceedings of IEEE GlobeCom 2014, track Globecom 2014 - Symposium on Selected Areas in Communications: GC14 SAC Green Communication Systems and Networks - GC14 SAC Green Communication Systems and Networks, Austin, TX, USA.
62. J. M. Batalla, M. Kantor, C. X. Mavromoustakis, G. Skourletopoulos, **G. Mastorakis**, "A Novel Methodology for Efficient Throughput Evaluation in Virtualized Routers", in proc. of IEEE International Conference on Communications 2015 (IEEE ICC 2015), London, UK, 08-12 June 2015.
63. Y. Kryftis, C. X. Mavromoustakis, **G. Mastorakis**, E. Pallis, J. M. Batalla, J. Rodrigues, C. Dobre, G. Kormentzas, "Resource Usage Prediction Algorithms for Optimal Selection of Multimedia Content Delivery Methods", in proc. of IEEE International Conference on Communications 2015 (IEEE ICC 2015), London, UK, 08-12 June 2015.
64. R-I. Ciobanu, R-C. Marin, C. Dobre, V. Cristea, C. X. Mavromoustakis, **G. Mastorakis**, "Opportunistic Dissemination using Context-Based Data Aggregation over Interest Spaces", in proc. of IEEE International Conference on Communications 2015 (IEEE ICC 2015), London, UK, 08-12 June 2015.
65. D. Posnakides, C. X. Mavromoustakis, G. Skourletopoulos, **G. Mastorakis**, E. Pallis, J. M. Batalla, "Performance Analysis of a Rate-Adaptive Bandwidth Allocation Scheme in 5G Mobile Networks", Proceedings of the 2nd IEEE International Workshop on a 5G Wireless Odyssey: 2020 in conjunction with the ISCC 2015- The Twentieth IEEE Symposium on Computers and Communications (ISCC 2015), 6th-9th of July 2015.
66. C. X. Mavromoustakis, **G. Mastorakis**, C. Mysirlidis, T. Dagiuklas, I. Politis, C. Dobre, K. Papanikolaou, E. Pallis, "On the Perceived Quality Evaluation of Opportunistic Mobile P2P Scalable Video Streaming", Proceedings of the IEEE IWCMC 2015 Conference, Dubrovnik, Croatia, August 24-27, 2015, pp. 1515-1519.

67. Y. Kryftis, C. X. Mavromoustakis, **G. Mastorakis**, J. M. Batalla, P. Chatzimisios, “Epidemic Models using Resource Prediction Mechanism for Optimal Provision of Multimedia Services”, 2015 IEEE 20th International Workshop on Computer Aided Modeling and Design of Communication Links and Networks (CAMAD) - IEEE CAMAD 2015, University of Surrey, Guildford, UK/General Track, 07-09 September 2015, pp.91-96.
68. C. Pop, R. Ciobanu, R. C. Marin, C. Dobre, C. X. Mavromoustakis, **G. Mastorakis**, J. J. P. C. Rodrigues, "Data Dissemination in Vehicular Networks using Context Spaces", IEEE GLOBECOM 2015, Fourth International Workshop on Cloud Computing Systems, Networks, and Applications (CCSNA), December 6-10, 2015.
69. G. Skourletopoulos, C. X. Mavromoustakis, **G. Mastorakis**, J. J. P. C. Rodrigues, P. Chatzimisios, J. M. Batalla, “A Fluctuation-Based Modelling Approach to Quantification of the Technical Debt on Mobile Cloud-Based Service Level”, IEEE GLOBECOM 2015, Fourth International Workshop on Cloud Computing Systems, Networks, and Applications (CCSNA), December 6-10, 2015.
70. G. Skourletopoulos, C. X. Mavromoustakis, **G. Mastorakis**, E. Pallis, P. Chatzimisios, J. M. Batalla, “Towards the Evaluation of a Big Data-as-a-Service Model: A Decision Theoretic Approach”, IEEE INFOCOM session on Big Data Sciences, Technologies and Applications (BDSTA 2016)- 2016 IEEE Infocom BDSTA Workshop, IEEE International Conference on Computer Communications, 10-15 April 2016, San Francisco, CA, USA.
71. C. Gosman, T. Cornea, C. Dobre, C. X. Mavromoustakis, **G. Mastorakis**, “Secure model to share data in Intelligent Transportation Systems”, 18th Mediterranean Electrotechnical conference – MELECON 2016, session: Internet of Things, Cloud-Based Systems and Big Data Analytics, Limassol, Cyprus, April 18 - 20, 2016.

72. G. Skourletopoulos, C. X. Mavromoustakis, **G. Mastorakis**, E. Pallis, J. M. Batalla, G. Kormentzas, "Quantifying and Evaluating the Technical Debt on Mobile Cloud-Based Service Level", IEEE International Conference on Communications (IEEE ICC 2016 - Communication QoS, Reliability and Modeling Symposium/Main Track) - IEEE ICC 2016 - Communication QoS, Reliability and Modeling Symposium, main track, Kuala Lumpur, Malaysia, 23-27 May 2016.
73. I. Kopanakis, K. Vassakis, **G. Mastorakis**, "Big Data in Data-Driven Innovation: Applications, prospects and limitations in Marketing", 4th International Conference on Contemporary Marketing Issues ICCMI, June 22-24, Heraklion, Crete, Greece, 2016.
74. I. Kopanakis, K. Vassakis, **G. Mastorakis**, " Big Data in Data-driven innovation: the impact in enterprises' performance", 11th Annual MIBES International Conference, June 22-24, Heraklion, Crete, Greece, 2016.
75. V. Hadjioannou, C. X. Mavromoustakis, **G. Mastorakis**, E. Pallis, D. Stratakis, D. Valavani, "On the Performance Comparison of the Agent-based Rate Adaptivity Scheme for IEEE 802.11n and ZigBee", International Conference on Telecommunications and Multimedia TEMU 2016, IEEE Communications Society proceedings, Heraklion, Greece, 25-27 July, 2016.
76. E. Markakis, A. Sideris, G. Alexiou, A. Bourdena, E. Pallis, **G. Mastorakis**, C. X. Mavromoustakis, "A Virtual Network Functions Brokering Mechanism", International Conference on Telecommunications and Multimedia TEMU 2016, IEEE Communications Society proceedings, Heraklion, Greece, 25-27 July, 2016.
77. Z. D. Zaharis, T. Yioultsis, C. Skeberis, T. Xenos, P. Lazaridis, **G. Mastorakis**, C. X. Mavromoustakis, "Implementation of antenna array beamforming by using a novel neural network structure", International Conference on Telecommunications and Multimedia TEMU 2016, IEEE Communications Society proceedings, Heraklion, Greece, 25-27 July, 2016.

78. P. Bormpantonakis, D. Stratakis, **G. Mastorakis**, C. X. Mavromoustakis, C. Skeberis, P. Bechet, "Exposure EMF Measurements with Spectrum Analyzers Using Free and Open Source Software", International Conference on Telecommunications and Multimedia TEMU 2016, IEEE Communications Society proceedings, Heraklion, Greece, 25-27 July, 2016.
79. V. Hadjioannou, C. X. Mavromoustakis, **G. Mastorakis**, E. Markakis, E. Pallis, "Context Awareness Location-based Android Application for Tracking Purposes in Assisted Living", International Conference on Telecommunications and Multimedia TEMU 2016, IEEE Communications Society proceedings, Heraklion, Greece, 25-27 July, 2016.
80. C. X. Mavromoustakis, **G. Mastorakis**, K. Papanikolaou, J. M. Batalla, C. Dobre, "Social-oriented Mobile Cloud Offload Processing with delay constraints for Energy Conservation", 2016 IEEE 12th International Conference on Intelligent Computer Communication and Processing (IEEE ICCP 2016), Cluj-Napoca, Romania, 08-10 September, 2016.
81. R.-I. Ciobanu, R.-C. Marin, C. Dobre, V. Cristea, C. X. Mavromoustakis, **G. Mastorakis**, "Multimedia Sharing over opportunistic networks", 2016 IEEE 12th International Conference on Intelligent Computer Communication and Processing (IEEE ICCP 2016), Cluj-Napoca, Romania, 08-10 September, 2016.
82. G. Skourletopoulos, C. X. Mavromoustakis, **G. Mastorakis**, P. Chatzimisios, J. M. Batalla, "A Novel Methodology for Capitalizing on Cloud Storage through a Big Data-as-a-Service Framework", in proceedings of 2016 IEEE Global Communications Conference-Fifth International Workshop on Cloud Computing Systems, Networks, and Applications, 4-8 December 2016, Washington DC, USA (Acceptance ratio: 36% of 71 submitted papers).
83. I. Kopanakis, K. Vassakis, **G. Mastorakis**, "SMEs in Data-driven Era: The Role of Big Data to Firm Performance", the 9th Annual Euromed Academy of Business (EMAB) Conference, Innovation, Entrepreneurship and Digital Ecosystems, 14-16 September, Warsaw, Poland, 2016.

84. G. Skourletopoulos, C. X. Mavromoustakis, J. M. Batalla, **G. Mastorakis**, E. Pallis, G. Kormentzas, "Quantifying and evaluating the technical debt on mobile cloud-based service level", in 2016 IEEE International Conference on Communications (ICC), 2016 May 22 (pp. 1-7).
85. G. Skourletopoulos, C. X. Mavromoustakis, **G. Mastorakis**, J. N. Sahalos, J. Mongay Batalla, C. Dobre, "Cost-benefit analysis game for efficient storage allocation in cloud-centric internet of things systems: a game theoretic perspective," in Integrated Network and Service Management (IM), 2017 IFIP/IEEE Symposium on, pp. 1149-1154. IEEE, 2017.
86. G. Skourletopoulos, C. X. Mavromoustakis, **G. Mastorakis**, J. N. Sahalos, J. M. Batalla, C. Dobre, "A Game theoretic formulation of the technical debt management problem in cloud systems", in Telecommunications (ConTEL), 2017 14th International Conference on, pp. 7-12. IEEE, 2017.
87. Y. Nikoloudakis, E. Markakis, **G. Mastorakis**, E. Pallis, C. Skianis, "An NFV-powered emergency system for smart enhanced living environments", in 2017 IEEE Conference on Network Function Virtualization and Software Defined Networks (NFV-SDN), pp. 258-263. IEEE, 2017.
88. E. Pallis, C. J. Debono, D. Negru, C. X. Mavromoustakis, C. Politis, G. Papadourakis, J. A. Briffa, A. Makrodimitis, **G. Mastorakis**, "Skills development in the field of next generation networked media over 4G+ infrastructures: the NEREUS approach and its first results", 28th EAEEIE Annual Conference, 2018
89. G. Skourletopoulos, C. X. Mavromoustakis, **G. Mastorakis**, J. M. Batalla, H. Song, J. N. Sahalos, E. Pallis, "Elasticity Debt Analytics Exploitation for Green Mobile Cloud Computing: An Equilibrium Model", in 2018 IEEE International Conference on Communications (ICC), pp. 1-6. IEEE, 2018.
90. T. Alshayeh, C. X. Mavromoustakis, J. M. Batalla, **G. Mastorakis**, E. Markakis, E. Pallis, "On the Efficiency Evaluation of a Novel Scheme Based on Daubechies Wavelet for Watermarking in 5G", IEEE CAMAD 2018, IEEE

International Workshop on Computer-Aided Modeling Analysis and Design of Communication Links and Networks, 17-19 September 2018 – Barcelona, Spain.

91. Y. Nikoloudakis, H. Skianis, I. Politis, C. X. Mavromoustakis, E. Markakis, G. Alexiou, S. Bourazani, **G. Mastorakis**, E. Pallis, “Edge Caching Architecture for Media Delivery over P2P Networks”, IEEE CAMAD 2018, IEEE International Workshop on Computer-Aided Modeling Analysis and Design of Communication Links and Networks, 17-19 September 2018 – Barcelona, Spain.

Ph.D. THESIS CO-SUPERVISION

1. Christos Dimitriou, “Traffic manipulation for Energy conservation: methodologies and efficient techniques”, Ph.D. Candidate, Department of Computer Science, University of Nicosia, Cyprus.
2. Dimitris Posnakidis, “Rate-adaptive methodologies for modern wireless systems”, Ph.D. Candidate, Department of Computer Science, University of Nicosia, Cyprus.
3. George Skourletopoulos, “Design, development and evaluation of a novel Mobile Cloud Computing framework to optimize the performance of emerging mobile networks”, Ph.D. Candidate, Department of Computer Science, University of Nicosia, Cyprus.
4. Eleni Kapetanaki, “IoT in Mobile Educational Assistive technologies”, Ph.D. Candidate, Department of Computer Science, University of Nicosia, Cyprus.

RESEARCH PROJECTS

ATHENA IST FP6-507312

Digital Switchover: Developing Infrastructures for Broadband Access

Funded by: European Community, Duration: March 2004 – June 2006

IMOSAN IST FP6-027457

Integrated Multi-layer Optimization in broadband DVB-S.2 Satellite Networks

Funded by: European Community, Duration: January 2006 – June 2008

PASIPHAE

Provision of digital multimedia archaeological content for tourism-oriented services, utilising an interactive DVB-T platform.

Research & technological development consortia in priority areas for the Region.

Regional Operational Programme of Crete 2000-2006, 3rd Community Support Framework.

Funded by: General Secretariat for Research and Technology, Ministry of Development, Greece.

Duration: September 2006 – March 2008

DIAMOUSES

Distributed interactive communication environment for live music performance.

Research & technological development consortia in priority areas for the Region.

Regional Operational Programme of Crete 2000-2006, 3rd Community Support Framework.

Funded by: General Secretariat for Research and Technology, Ministry of Development, Greece.

Duration: October 2006 – June 2007, October 2007 – March 2008

Regional Innovation Pole of Crete - I4CRETE

Implementation Instrument A: Research & technological development consortia in priority areas for the Region.

Task A11: Provision of multimedia and networking services utilising a novel digital terrestrial television network.

Operational Programme Competitiveness, 3rd Community Support Framework.

Funded by: General Secretariat for Research and Technology, Ministry of Development, Greece.

Duration: December 2006 – April 2007, June 2008 – October 2008

Regional Innovation Pole of Crete - I4CRETE

Implementation Instrument A: Research & technological development consortia in priority areas for the Region.

Task A4: Conceptual model and computational tools of the Integrated Electronic Health Meta Record (IEHMR).

Operational Programme Competitiveness, 3rd Community Support Framework.

Funded by: General Secretariat for Research and Technology, Ministry of Development, Greece.

Duration: January 2008 – April 2008

KERVEROS

Secure transmission of interactive networking services utilising integrated digital terrestrial television systems.

Archimedes II: Support of Research Groups in Technological Educational Institutes

Operational Programme for Education and Initial Vocational Training, 3rd Community Support Framework.

Funded by: Ministry of National Education and Religious Affairs, Greece.

Duration: June 2005 – December 2006

WWCIR

WLAN & WPAN coexistence issues and radiation.

Archimedes II: Support of Research Groups in Technological Educational Institutes

Operational Programme for Education and Initial Vocational Training, 3rd Community Support Framework.

Funded by: Ministry of National Education and Religious Affairs, Greece.

Duration: July 2005 – December 2006

Study and development of interactive broadband services based on DVB-T / DVB-H technologies.

Pythagoras II: Support of Research Groups in Higher Education Institutes

Operational Programme for Education and Initial Vocational Training, 3rd Community Support Framework.

Funded by: Ministry of National Education and Religious Affairs, Greece.

VITAL++

“Embedding P2P Technology in Next Generation Networks: A New Communication Paradigm & Experimentation Infrastructure” (FP7-ICT-224287 - STREP).

Funded by: European Community, Duration: June 2008 – November 2010

HURRICANE

“Handovers for Ubiquitous and optimal bRoadband connectivity among Cooperative Networking Environments” (FP7-ICT-1-1.1-216006 - STREP).

Funded by: European Community, Duration: January 2008 – December 2010

ADAMANTIUM

“ADAPTative Management of media distribution based on satisfaction oriented User Modelling” (ICT-2007-1-FP7-214751 - STREP).

Funded by: European Community, Duration: January 2008 – June 2010

COGEU

“Cognitive radio systems for efficient sharing of TV white spaces in European context” (ICT-FP7-248560-STREP)

Funded by: European Community, Duration: January 2010 – December 2012

ALICANTE

“Media Ecosystem Deployment through Ubiquitous Content-Aware Network Environments” (ICT-FP7- 248652)

Funded by: European Community, Duration: March 2010 – February 2013

DELTA

“Network-Aware Delivery Clouds for User Centric Media Events”, ICT-Eurostars.

T-NOVA

“Network Functions as-a-service over Virtualised Infrastructures”, ICT-FP7- 619520.

cHiPSet

“High-Performance Modelling and Simulation for Big Data Applications”, ICT COST Action IC1406.

EMYNOS

“nExt generation eMergencY commuNicatiOnS”, HORIZON2020.

ACADEMIC TEACHING EXPERIENCE

November 2003 – June 2006: Department of Applied Informatics and Multimedia, Technological Educational Institute of Crete (Estavromenos, 71500, Heraklion, Crete, Greece). Laboratory Associate for the modules: Data Networks, Wireless Networks, Electronics Fundamentals, Interactive Digital Terrestrial Television.

September 2006 – June 2010: Department of Commerce and Marketing, Technological Educational Institute of Crete (Ierapetra Branch, 72200, Crete, Greece). Laboratory Associate for Computer Networks module.

September 2010 – up to date: Department of Commerce and Marketing and Department of Business Administration, Technological Educational Institute of Crete. Assistant/Associate Professor: Business Networking, Computer Networks, Electronic Communications, Transactions Security, Introduction to Informatics, New Technologies and Marketing, Marketing of Products and Services.

DEVELOPMENT PROJECTS EXPERIENCE

Go-online Programme

Training support of SMEs in the framework of go-online programme.

Operational Programme Competitiveness, 3rd Community Support Framework.

Funded by: GRNET, Greece.

Duration: April 2003 – December 2004

Support of Informatics Studies Programme

Department of Applied Informatics & Multimedia, Technological Educational Institute of Crete.

Operational Programme for Education and Initial Vocational Training, 3rd Community Support Framework.

Funded by: Ministry of National Education and Religious Affairs, Greece.

Duration: February 2007 – August 2008

RESEARCH PROJECTS TECHNICAL MANAGEMENT

PASIPHAE

Provision of digital multimedia archaeological content for tourism-oriented services, utilising an interactive DVB-T platform.

Research & technological development consortia in priority areas for the Region.

Regional Operational Programme of Crete 2000-2006, 3rd Community Support Framework.

Funded by: General Secretariat for Research and Technology, Ministry of Development, Greece.

Project Duration: July 2006 – March 2008, Project Budget: 537.780€

Overall Project Technical management

DIAMOUSES

Distributed interactive communication environment for live music performance.

Research & technological development consortia in priority areas for the Region.

Regional Operational Programme of Crete 2000-2006, 3rd Community Support Framework.

Funded by: General Secretariat for Research and Technology, Ministry of Development, Greece.

Project Duration: July 2006 – June 2008, Project Budget: 638.332€

Technical management for Department of Applied Informatics and Multimedia, TEI of Crete.

Regional Innovation Pole of Crete - I4CRETE

Implementation Instrument A: Research & technological development consortia in priority areas for the Region.

Task A11: Provision of multimedia and networking services utilising a novel digital terrestrial television network.

Operational Programme Competitiveness, 3rd Community Support Framework.

Funded by: General Secretariat for Research and Technology, Ministry of Development, Greece.

Project Duration: November 2006 – October 2008, A11 Task Budget: 325.923,80€

Overall A11 Task Technical management

Regional Innovation Pole of Crete - I4CRETE

Implementation Instrument A: Research & technological development consortia in priority areas for the Region.

Task A4: Conceptual model and computational tools of the Integrated Electronic Health Meta Record (IEHMR).

Operational Programme Competitiveness, 3rd Community Support Framework.

Funded by: General Secretariat for Research and Technology, Ministry of Development, Greece.

Project Duration: November 2006 – October 2008, A4 Task Budget: 178.553€

Technical management for Centre for Technological Research of Crete

Installation of wireless Hot Spots in Campus of Technological Educational Institute of Crete

Education & Research Infrastructures

Regional Operational Programme of Crete 2000-2006, 3rd Community Support Framework.

Funded by: Region of Crete, Greece, Project Budget: 53.000€

Overall Project Technical management

SCIENTIFIC CONFERENCES ORGANISATION

Conference: Annual Conference on Telecommunications and Multimedia (TEMU2005)

Activity: Member of Organising Committee

Location: Heraklion, Crete, Greece

Date: 23 - 26 June 2005

Conference: International Conference on Telecommunications and Multimedia (TEMU2006)

Activity: Member of Organising Committee

Location: Heraklion, Crete, Greece

Date: 05 - 07 July 2006

Conference: International Conference on Telecommunications and Multimedia (TEMU2008)

Activity: Member of Organising Committee

Location: Ierapetra, Crete, Greece

Date: 16 - 18 July 2008

Conference: International Conference on Telecommunications and Multimedia (TEMU2010)

Activity: Member of Organising Committee

Location: Chania, Crete, Greece

Date: 14 - 16 July 2010

Conference: IEEE International Conference on Telecommunications and Multimedia (TEMU2012)

Activity: Member of Organising Committee, Member of TPC, Treasurer/Financial Chair

Location: Heraklion, Crete, Greece

Date: 30 July - 01 August 2012

SCHOLARSHIPS

Scholarship: EPSRC (Engineering and Physical Sciences Research Council)

Type: Postgraduate

University: University College London (UCL), London, UK

Duration: 2000 - 2001

COMMITTEE'S MEMBERSHIP

- Member of Organizing Committee of “1st International Conference on Telecommunications and Multimedia” (TEMU2005), Heraklion, Crete, Greece, 23-26 June, 2005.

- Publications Reviewer (TPC member) of “15th IST Mobile & Wireless Communications Summit”, Myconos, Greece, 4-8 June 2006.

- Member of Organizing Committee of “2nd International Conference on Telecommunications and Multimedia” (TEMU2006), Heraklion, Crete, Greece, 5-7 July, 2006.

- Member of Technical Program Committee of “1st ACS/IEEE International Workshop on Wireless Internet Services” (WISE'08), Doha, Qatar, 1-4 April 2008.

- Member of Organizing Committee of “3rd International Conference on Telecommunications and Multimedia” (TEMU2008), Ierapetra, Crete, Greece, 16-18 July, 2008.

- Publications Reviewer of IFIP Networking 2008, Singapore, 5-9 May, 2008.

- Publications Reviewer of IEEE GLOBECOM 2008, Global Communications Conference, New Orleans, LA, USA, 30 November – 4 December, 2008.

- Publications Reviewer of IEEE 69th Vehicular Technology Conference (VTC2009), Barcelona, Spain, 26-29 April, 2009.

- Member of Technical Program Committee of “Workshop on Location-based services (LBS) and applications” (LBSA 2009), του “2009 International Conference on Parallel Processing” (ICPP 2009), Vienna, Austria, 22-25 September, 2009.

- Publications Reviewer of IEEE Wireless Communications and Networking Conference (WCNC 2010), Sydney, Australia, 18-21 April, 2010.

- Publications Reviewer of International Journal of Digital Multimedia Broadcasting (IJDMB), Hindawi Publishing Corporation.

- Member of Program Committee of “5th Mediterranean Conference on Information Systems” (MCIS2010), Track “Mobility and resource management for high performance computing systems”, Tel-Aviv-Yaffo, 02-14 September 2010.

- Member of Organizing Committee of “4th International Conference on Telecommunications and Multimedia” (TEMU2010), Chania, Crete, Greece, 14-16 July, 2010.

- Member of Technical Program Committee of “4th International Conference on Telecommunications and Multimedia” (TEMU2010), Chania, Crete, Greece, 14-16 July, 2010.

- Publications Reviewer of International Conferences and Scientific Journals of World Scientific and Engineering Academy and Society (WSEAS).

- Publications Reviewer of IEEE Wireless Communications and Networking Conference (WCNC 2011), Cancun, Quintana-Roo, Mexico, 28-31 March, 2011.

- Reviewer of Computer Science & Information Technology Journal.

- Reviewer of Information Technology for Development, Taylor & Francis.

- Reviewer of Journal of Broadcasting & Electronic Media, Taylor & Francis.

- Reviewer of Journal of Strategic Marketing, Taylor & Francis.

- Reviewer of Journal of Marketing Communications, Taylor & Francis.

- Reviewer of European Journal of Marketing, Emerald.

- Reviewer of The Computer Journal, Oxford Journals.

- Reviewer of Journal of Communications and Networks, Technically cosponsored by the IEEE Communications Society (ComSoc).

- Reviewer of 22nd Annual IEEE International Symposium on Personal, Indoor Mobile Radio Communications (PIMRC 2011)”, Toronto, Canada, 11-14 September, 2011.

- Reviewer of IEEE Wireless Communications and Networking Conference (WCNC 2012)”, Paris, France, 01-04 April, 2012.

- Reviewer of “Journal of Advances in Information Technology”, Academy Publisher.

- TPC member and Treasurer/Finance Chair of “5th IEEE International Conference on Telecommunications and Multimedia” (TEMU2012), Heraklion, Crete, Greece, 30 July – 01 August, 2012.
- TPC member of “2012 IEEE Symposium on Business, Engineering and Industrial Applications” (ISBEIA 2012), Bandung, Indonesia, 23 – 26 September, 2012.
- TPC member of “2012 IEEE Symposium on Industrial Electronics and Applications” (ISIEA 2012), Bandung, Indonesia, 23 – 26 September, 2012.
- TPC member of “2012 IEEE Symposium on Wireless Technology & Applications” (ISWTA 2012), Bandung, Indonesia, 23 – 26 September, 2012.
- TPC member of “2012 Symposium on Green Technology and Systems” (ISGTS 2012), Bandung, Indonesia, 23 – 26 September, 2012.
- TPC member of “15th ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems” (MSWIM 2012), Workshop on “High performance Mobile Opportunistic Systems”, Paphos, Cyprus, 21 – 25 October, 2012.
- Reviewer of “23rd Annual IEEE International Symposium on Personal, Indoor Mobile Radio Communications (PIMRC 2012)”, Sydney, Australia, 09-12 September, 2012.
- TPC member of “2012 IEEE Asia-Pacific Conference on Applied Electromagnetics” (APACE 2012), Melaka, Malaysia, 11 – 13 December, 2012.
- Member of Technical Program Committee of the International Scientific Conference “2012 IEEE Colloquium on Humanities, Science & Engineering Research” (CHUSER 2012), Kota Kinabalu, Sabah, Malaysia, 03 – 04 December, 2012.
- Papers Reviewer of the International Scientific Conference “2012 IEEE Colloquium on Humanities, Science & Engineering Research” (CHUSER 2012), Kota Kinabalu, Sabah, Malaysia, 03 – 04 December, 2012.
- Publicity Chair of the International Scientific Conference “15th ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems” (MSWIM 2012), Workshop on “High performance Mobile Opportunistic Systems”, Paphos, Cyprus, 21 – 25 October, 2012.
- Session Chair of the International Scientific Conference “5th IEEE International Conference on Telecommunications and Multimedia” (TEMU2012), Heraklion, Crete, Greece, 30 July – 01 August, 2012.
- Papers Reviewer of “Journal of Business and Economics”.
- Papers Reviewer of the International Scientific Conference “9th International Conference on Networking and Services” (ICNS 2013), IARIA Conference, Lisbon, Portugal, 24 – 29 March, 2013.

- Member of Program Committee of the International Scientific Conference “9th International Conference on Networking and Services” (ICNS 2013), IARIA Conference, Lisbon, Portugal, 24 – 29 March, 2013.
- Papers Reviewer of “Journal of Wireless Networking and Communications”.
- Papers Reviewer of “International Journal of Information Science”.
- Papers Reviewer of “Computer Science Engineering”.
- Papers Reviewer of “International Journal of Networks and Communications”.
- Member of Technical Program Committee of the International Scientific Conference “2013 IEEE Business, Engineering & Industrial Applications Colloquium” (BEIAC 2013), Langkawi Island, Malaysia, 08 – 09 April, 2013.
- Papers Reviewer of the International Scientific Conference “2013 IEEE Business, Engineering & Industrial Applications Colloquium” (BEIAC 2013), Langkawi Island, Malaysia, 08 – 09 April, 2013.
- Papers Reviewer of the International Scientific Conference “IEEE Wireless Communications and Networking Conference (WCNC 2013)”, Shanghai, China, 07-10 April, 2013.
- Papers Reviewer of the International Scientific Conference “IEEE Future Network & Mobile Summit (FUNEMS 2013)”, Lisbon, Portugal, 03-05 July, 2013.
- Member of Technical Program Committee of the International Scientific Conference “IEEE Future Network & Mobile Summit (FUNEMS 2013)”, Lisbon, Portugal, 03-05 July, 2013.
- Papers Reviewer of the International Scientific Conference “The Second International Conference on Intelligent Systems and Applications (INTELLI 2013)”, Venice, Italy, 22-27 April, 2013.
- Member of Program Committee of the International Scientific Conference “The Second International Conference on Intelligent Systems and Applications (INTELLI 2013)”, Venice, Italy, 22-27 April, 2013.
- Papers Reviewer of the International Scientific Conference “IEEE International Conference on Communications (IEEE ICC2013)”, Budapest, Hungary, 09-13 June, 2013.
- Member of Technical Program Committee of the International Scientific Conference “IEEE International Conference on Communications (IEEE ICC2013)”, Budapest, Hungary, 09-13 June, 2013.
- Papers Reviewer of the International Scientific Conference “IEEE International Conference on Technology, Informatics, Management, Engineering & Environment (TIME-E 2013)”, Bandung, Indonesia, 23-26 June, 2013.

- Member of Technical Program Committee of the International Scientific Conference “IEEE International Conference on Technology, Informatics, Management, Engineering & Environment (TIME-E 2013)”, Bandung, Indonesia, 23-26 June, 2013.
- Member of Technical Program Committee of the International Scientific Conference “2013 IEEE Symposium on Computers & Informatics (ISCI 2013)”, Langkawi, Malaysia, 07-09 April, 2013.
- Papers Reviewer of the International Scientific Conference “2013 IEEE Symposium on Computers & Informatics (ISCI 2013)”, Langkawi, Malaysia, 07-09 April, 2013.
- Member of Technical Program Committee of the International Scientific Conference “24th Annual IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (IEEE PIMRC 2013)”, London, UK, 08-11 September, 2013.
- Papers Reviewer of the International Scientific Conference “24th Annual IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (IEEE PIMRC 2013)”, London, UK, 08-11 September, 2013.
- Member of Technical Program Committee of the International Scientific Conference “IEEE Symposium on Humanities, Science and Engineering 2013 (IEEE SHUSER 2013)”, Penang, Malaysia, 23-26 June, 2013.
- Papers Reviewer of the International Scientific Conference “IEEE Symposium on Humanities, Science and Engineering 2013 (IEEE SHUSER 2013)”, Penang, Malaysia, 23-26 June, 2013.
- Papers Reviewer of “International Journal of Advanced Computer Science and Applications (IJACSA)”.
- Editor/Author of the Book on “Resource management in mobile computing environments”, Modeling and Optimization in Science and Technologies Series, Springer International Publishing AG, 2014.
- Member of Technical Program Committee of the International Scientific Conference “2013 IEEE Symposium on Wireless Technology & Applications” (ISWTA 2013), Kuching, Malaysia, 22 – 25 September, 2013.
- Papers Reviewer of the International Scientific Conference “2013 IEEE Symposium on Wireless Technology & Applications” (ISWTA 2013), Kuching, Malaysia, 22 – 25 September, 2013.
- Papers Reviewer of the Edited Book on “Evolution of Cognitive Networks and Self-Adaptive Communication Systems”, (ISBN: 9781466641891), Advances in Wireless Technologies and Telecommunication (AWTI) Book Series of IGI-GLOBAL, 2013.
- Member of Technical Program Committee of the International Scientific Conference “2013 IEEE Conference on Wireless Sensors” (ICWiSe 2013), Kuching, Malaysia, 02 – 04 December, 2013.

- Papers Reviewer of the International Scientific Conference “2013 IEEE Conference on Wireless Sensors” (ICWiSe 2013), Kuching, Malaysia, 02 – 04 December, 2013.
- Member of Technical Program Committee of the International Scientific Conference “2013 IEEE International Workshop on Computer-Aided Modeling Analysis and Design of Communication Links and Networks” (IEEE CAMAD2013), Berlin, Germany, 25 – 27 September, 2013.
- Papers Reviewer of the International Scientific Conference “2013 IEEE International Workshop on Computer-Aided Modeling Analysis and Design of Communication Links and Networks” (IEEE CAMAD2013), Berlin, Germany, 25 – 27 September, 2013.
- Papers Reviewer of the International Scientific Conference “IEEE Global Communications Conference, Exhibition & Industry Forum (IEEE Globecom2013)”, Atlanta, USA, 09-13 December, 2013.
- Member of Steering Committee of the International Scientific Conference “16th ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems” (MSWiM 2013), 2nd Workshop on “High performance Mobile Opportunistic Systems”, Barcelona, Spain, 03 – 08 November, 2013.
- Member of Program Committee of the International Scientific Conference “16th ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems” (MSWiM 2013), 2nd Workshop on “High performance Mobile Opportunistic Systems”, Barcelona, Spain, 03 – 08 November, 2013.
- Papers Reviewer of the International Scientific Conference “16th ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems” (MSWiM 2013), 2nd Workshop on “High performance Mobile Opportunistic Systems”, Barcelona, Spain, 03 – 08 November, 2013.
- Publicity Chair of the International Scientific Conference “16th ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems” (MSWiM 2013), 2nd Workshop on “High performance Mobile Opportunistic Systems”, Barcelona, Spain, 03 – 08 November, 2013.
- Papers Reviewer of “Transactions on Emerging Telecommunications Technologies (ETT)” of Wiley.
- Papers Reviewer of “Simulation Modelling Practice and Theory” of Elsevier.
- Member of Technical Program Committee of the International Scientific Conference “2013 IEEE Symposium on Business, Engineering and Industrial Applications” (ISBEIA 2013), Kuching, Malaysia, 22 – 25 September, 2013.
- Papers Reviewer of the International Scientific Conference “2013 IEEE Symposium on Business, Engineering and Industrial Applications” (ISBEIA 2013), Kuching, Malaysia, 22 – 25 September, 2013.

- Member of Technical Program Committee of the International Scientific Conference “2013 IEEE Symposium on Industrial Electronics and Applications” (ISIEA 2013), Sarawak, Malaysia, 22 – 25 September, 2013.
- Papers Reviewer of the International Scientific Conference “2013 IEEE Symposium on Industrial Electronics and Applications” (ISIEA 2013), Sarawak, Malaysia, 22 – 25 September, 2013.
- Member of Technical Program Committee of the International Scientific Conference “2013 IEEE International RF and Microwave Conference” (RFM 2013), Penang, Malaysia, 09 – 11 December, 2013.
- Papers Reviewer of the International Scientific Conference “2013 IEEE International RF and Microwave Conference” (RFM 2013), Penang, Malaysia, 09 – 11 December, 2013.
- Member of Technical Program Committee of the International Scientific Conference “2013 IEEE Colloquium on Administrative Science & Technology 2013” (CoAST 2013), Kuching, Sarawak, Malaysia, 22 – 25 September, 2013.
- Papers Reviewer of the International Scientific Conference “2013 IEEE Colloquium on Administrative Science & Technology 2013” (CoAST 2013), Kuching, Sarawak, Malaysia, 22 – 25 September, 2013.
- Papers Reviewer of the International Scientific Conference “10th International Conference on Networking and Services” (ICNS 2014), IARIA Conference, Chamonix, France, 20 – 24 April, 2014.
- Member of Program Committee of the International Scientific Conference “10th International Conference on Networking and Services” (ICNS 2014), IARIA Conference, Chamonix, France, 20 – 24 April, 2014.
- Papers Reviewer of “Journal of Visual Communication and Image Representation” of Elsevier.
- Member of Technical Program Committee of the International Scientific Conference “2013 IEEE International Conference on Robotics, Biomimetics, Intelligent Computational Systems (Robionetics 2013)”, Jogjakarta, Indonesia, 25 – 27 November, 2013.
- Papers Reviewer of the International Scientific Conference “2013 IEEE International Conference on Robotics, Biomimetics, Intelligent Computational Systems (Robionetics 2013)”, Jogjakarta, Indonesia, 25 – 27 November, 2013.
- Papers Reviewer of the International Scientific Conference, “9th IEEE International Conference on Wireless and Mobile Computing, Networking and Communications (WiMob 2013), 1st International Workshop on 3D Multimedia for Mobile and Wireless Networks (3D-MMWN'13)”, Lyon, France, 07 – 09 October, 2013.

- Member of Technical Program Committee of the International Scientific Conference “1st International Symposium on Signal Processing and Intelligent Recognition Systems (SIRS-2014)”, Trivandrum, India, March 13-15, 2014.
- Papers Reviewer of the International Scientific Conference “1st International Symposium on Signal Processing and Intelligent Recognition Systems (SIRS-2014)”, Trivandrum, India, March 13-15, 2014.
- Member of Technical Program Committee of the International Scientific Conference “2014 IEEE Colloquium on Humanities, Science & Engineering Research” (CHUSER 2014), Penang, Malaysia, 07 – 09 April, 2014.
- Papers Reviewer of the International Scientific Conference “2014 IEEE Colloquium on Humanities, Science & Engineering Research” (CHUSER 2014), Penang, Malaysia, 07 – 09 April, 2014.
- Member of Technical Program Committee of the International Scientific Conference “2014 IEEE Symposium on Computer Applications and Industrial Electronics” (ISCAIE 2014), Penang, Malaysia, 07 – 08 April, 2014.
- Papers Reviewer of the International Scientific Conference “2014 IEEE Symposium on Computer Applications and Industrial Electronics” (ISCAIE 2014), Penang, Malaysia, 07 – 08 April, 2014.
- Member of Technical Program Committee of the International Scientific Conference “2014 IEEE AAGBS International Conference on Business Management” (AiCoBM 2014), Penang, Malaysia, 06 – 08 April, 2014.
- Papers Reviewer of the International Scientific Conference “2014 IEEE AAGBS International Conference on Business Management” (AiCoBM 2014), Penang, Malaysia, 06 – 08 April, 2014.
- Member of Technical Program Committee of the International Scientific Conference “2014 International Conference on Computer and Communication Engineering” (ICOCOE'2014), Melaka, Malaysia, 20 – 21 May, 2014.
- Papers Reviewer of the International Scientific Conference “2014 International Conference on Computer and Communication Engineering” (ICOCOE'2014), Melaka, Malaysia, 20 – 21 May, 2014.
- Papers Reviewer of “International Journal of Computing and Digital Systems (IJCDS)”.
- Papers Reviewer of the International Scientific Conference “IEEE International Conference on Communications (IEEE ICC2014)”, Sydney, Australia, 10-14 June, 2014.
- Member of Technical Program Committee of the International Scientific Conference “2014 2nd International Conference on Information and Communication Technology” (ICoICT'2014), Bandung, Indonesia, 28 – 30 May, 2014.

- Papers Reviewer of the International Scientific Conference “2014 2nd International Conference on Information and Communication Technology” (ICoICT'2014), Bandung, Indonesia, 28 – 30 May, 2014.
- Member of Technical Program Committee of the International Scientific Conference “3rd IEEE International Conference on Advances in Computing, Communications and Informatics” (ICACCI-2014), Delhi, India, 24 – 27 September, 2014.
- Papers Reviewer of the International Scientific Conference “3rd IEEE International Conference on Advances in Computing, Communications and Informatics” (ICACCI-2014), Delhi, India, 24 – 27 September, 2014.
- Member of Technical Program Committee of the International Scientific Conference “IEEE 2014 International Symposium on Technology Management and Emerging Technologies” (ISTMET 2014), Bandung, West Java, Indonesia, 27 – 29 May, 2014.
- Papers Reviewer of the International Scientific Conference “IEEE 2014 International Symposium on Technology Management and Emerging Technologies” (ISTMET 2014), Bandung, West Java, Indonesia, 27 – 29 May, 2014.
- Member of Technical Program Committee of the International Scientific Conference “2014 International Conference on Electronic Publishing and Information Technology” (ICEPIT 2014), Bahrain, 22 – 24 April, 2014.
- Papers Reviewer of the International Scientific Conference “2014 International Conference on Electronic Publishing and Information Technology” (ICEPIT 2014), Bahrain, 22 – 24 April, 2014.
- Member of Technical Program Committee of the International Scientific Conference “9th International Conference on Future Networks and Communications” (FNC 2014), Elsevier Science, Niagara Falls, Ontario, Canada, 17-20 August, 2014.
- Papers Reviewer of the International Scientific Conference “9th International Conference on Future Networks and Communications” (FNC 2014), Elsevier Science, Niagara Falls, Ontario, Canada, 17-20 August, 2014.
- Papers Reviewer of “ACM Computing Surveys”.
- Member of Technical Program Committee of the International Scientific Conference “23rd European Conference on Networks and Communications” (EuCNC 2014), Bologna, Italy, 23-26 June, 2014.
- Papers Reviewer of the International Scientific Conference “23rd European Conference on Networks and Communications” (EuCNC 2014), Bologna, Italy, 23-26 June, 2014.
- Member of Technical Program Committee of the International Scientific Conference “11th International Conference on Mobile Web Information Systems” (MobiWIS 2014), Barcelona, Spain, 27-29 August, 2014.

- Papers Reviewer of the International Scientific Conference “11th International Conference on Mobile Web Information Systems” (MobiWIS 2014), Barcelona, Spain, 27-29 August, 2014.
- Member of Technical Program Committee of the International Scientific Conference “IEEE 2014 International Conference on Computer, Communication, and Control Technology” (I4CT 2014), Langkawi, Malaysia, 02-04 September, 2014.
- Papers Reviewer of the International Scientific Conference “IEEE 2014 International Conference on Computer, Communication, and Control Technology” (I4CT 2014), Langkawi, Malaysia, 02-04 September, 2014.
- Member of Technical Program Committee of the International Scientific Conference “2014 1st International Electromagnetic Systems and Applications Conference” (ELECTROMASA 2014), SPRINGER LNEE series, Kuala Lumpur, Malaysia, 04-06 November, 2014.
- Papers Reviewer of the International Scientific Conference “2014 1st International Electromagnetic Systems and Applications Conference” (ELECTROMASA 2014), SPRINGER LNEE series, Kuala Lumpur, Malaysia, 04-06 November, 2014.
- Papers Reviewer of the International Scientific Conference “IEEE International Conference on Technology, Informatics, Management, Engineering & Environment (TIME-E 2014)”, Bandung, Indonesia, 19-21 August, 2014.
- Member of Technical Program Committee of the International Scientific Conference “IEEE International Conference on Technology, Informatics, Management, Engineering & Environment (TIME-E 2014)”, Bandung, Indonesia, 19-21 August, 2014.
- Member of Technical Program Committee of the International Scientific Conference “2014 IEEE Symposium on Wireless Technology & Applications” (ISWTA 2014), Kota Kinabalu, Malaysia, 28 September – 01 October, 2014.
- Papers Reviewer of the International Scientific Conference “2014 IEEE Symposium on Wireless Technology & Applications” (ISWTA 2014), Kota Kinabalu, Malaysia, 28 September – 01 October, 2014.
- Member of Technical Program Committee of the International Scientific Conference “2014 Conference, Competition and Exhibition” (CCE 2014), Penang, Malaysia, 24 – 25 June, 2014.
- Papers Reviewer of the International Scientific Conference “2014 Conference, Competition and Exhibition” (CCE 2014), Penang, Malaysia, 24 – 25 June, 2014.
- Member of Technical Program Committee of the International Scientific Conference “IEEE 25th Annual International Symposium on Personal, Indoor and Mobile Radio Communications (IEEE PIMRC 2014)”, Washington, DC, USA, 02-05 September, 2014.
- Papers Reviewer of the International Scientific Conference “IEEE 25th Annual International Symposium on Personal, Indoor and Mobile Radio Communications (IEEE PIMRC 2014)”, Washington, DC, USA, 02-05 September, 2014.

- Member of Technical Program Committee of the International Scientific Conference “IEEE Global Summit on Computer & Information Technology (IEEE GSCIT 2014)”, Sousse, Tunisia, 14-16 June, 2014.
- Papers Reviewer of the International Scientific Conference “IEEE Global Summit on Computer & Information Technology (IEEE GSCIT 2014)”, Sousse, Tunisia, 14-16 June, 2014.
- Member of Technical Program Committee of the International Scientific Conference “IEEE International Conference on Education & eLearning Innovations (IEEE ICEELI 2014)”, Sousse, Tunisia, 14-16 June, 2014.
- Papers Reviewer of the International Scientific Conference “IEEE International Conference on Education & eLearning Innovations (IEEE ICEELI 2014)”, Sousse, Tunisia, 14-16 June, 2014.
- Member of Technical Program Committee of the International Scientific Conference “IEEE International Conference on Computer Vision and Pattern Recognition (IEEE ICCVPR 2014)”, Sousse, Tunisia, 14-16 June, 2014.
- Papers Reviewer of the International Scientific Conference “IEEE International Conference on Computer Vision and Pattern Recognition (IEEE ICCVPR 2014)”, Sousse, Tunisia, 14-16 June, 2014.
- Member of Technical Program Committee of the International Scientific Conference “IEEE International Conference on Cloud Computing & Cryptography (IEEE ICCCC 2014)”, Sousse, Tunisia, 14-16 June, 2014.
- Papers Reviewer of the International Scientific Conference “IEEE International Conference on Cloud Computing & Cryptography (IEEE ICCCC 2014)”, Sousse, Tunisia, 14-16 June, 2014.
- Member of Technical Program Committee of the International Scientific Conference “IEEE International Conference on Computer Technologies Innovations and Applications (IEEE ICCTIA 2014)”, Sousse, Tunisia, 14-16 June, 2014.
- Papers Reviewer of the International Scientific Conference “IEEE International Conference on Computer Technologies Innovations and Applications (IEEE ICCTIA 2014)”, Sousse, Tunisia, 14-16 June, 2014.
- Member of Technical Program Committee of the International Scientific Conference “IEEE 2014 International Conference on Intelligent Autonomous Agents, Networks and Systems (IEEE INAGENTSYS 2014)”, Bandung, Indonesia, 19-21 August, 2014.
- Papers Reviewer of the International Scientific Conference “IEEE 2014 International Conference on Intelligent Autonomous Agents, Networks and Systems (IEEE INAGENTSYS 2014)”, Bandung, Indonesia, 19-21 August, 2014.

- Member of Technical Program Committee of the International Scientific Conference “2014 IEEE Symposium on Industrial Electronics Applications” (ISIEA 2014), Kota Kinabalu, Malaysia, 28 September – 01 October, 2014.
- Papers Reviewer of the International Scientific Conference “2014 IEEE Symposium on Industrial Electronics Applications” (ISIEA 2014), Kota Kinabalu, Malaysia, 28 September - 01 October, 2014.
- Member of Technical Program Committee of the International Scientific Conference “IEEE International Conference on Communications (IEEE ICC2015), Communications Software, Services and Multimedia Applications Symposium (CSSMA), London, UK, 08-12 June, 2015.
- Papers Reviewer of the International Scientific Conference “IEEE International Conference on Communications (IEEE ICC2015)”, Communications Software, Services and Multimedia Applications Symposium (CSSMA), London, UK, 08-12 June, 2015.
- Member of Technical Program Committee of the International Scientific Conference "2014 2nd IEEE International Conference on Robotics, Biomimetics, Intelligent Computational Systems (Robionetics 2014)", Yogyakarta, Indonesia, 11 - 13 November, 2014.
- Papers Reviewer of the International Scientific Conference "2014 2nd IEEE International Conference on Robotics, Biomimetics, Intelligent Computational Systems (Robionetics 2014)", Yogyakarta, Indonesia, 11 - 13 November, 2014.
- Member of Technical Program Committee of the International Scientific Conference “2014 19th IEEE International Workshop on Computer-Aided Modeling Analysis and Design of Communication Links and Networks” (IEEE CAMAD2014), Athens, Greece, 01 – 03 December, 2014.
- Papers Reviewer of the International Scientific Conference “2014 19th IEEE International Workshop on Computer-Aided Modeling Analysis and Design of Communication Links and Networks” (IEEE CAMAD2014), Athens, Greece, 01 – 03 December, 2014.
- Member of Technical Program Committee of the International Scientific Conference “2014 IEEE Symposium on Business, Engineering and Industrial Applications” (ISBEIA 2014), Kota Kinabalu, Malaysia, 28 September - 01 October, 2014.
- Papers Reviewer of the International Scientific Conference “2014 IEEE Symposium on Business, Engineering and Industrial Applications” (ISBEIA 2014), Kota Kinabalu, Malaysia, 28 September – 01 October, 2014.
- Member of Technical Program Committee of the International Scientific Conference “Information Technology International Conference 2014” (ADVCIT 2014), Springer LNCS, Bandung, Indonesia, 29 – 31 December, 2014.
- Papers Reviewer of the International Scientific Conference “Information Technology International Conference 2014” (ADVCIT 2014), Springer LNCS, Bandung, Indonesia, 29 – 31 December, 2014.

- Member of Technical Program Committee of the International Scientific Conference “International Conference on Applied Electromagnetics” (APPEIC 2014), Springer LNEE, Bandung, Indonesia, 29 – 31 December, 2014.
- Papers Reviewer of the International Scientific Conference “International Conference on Applied Electromagnetics” (APPEIC 2014), Springer LNEE, Bandung, Indonesia, 29 – 31 December, 2014.
- Member of Technical Program Committee of the International Scientific Conference “International Conference Renewable Energy & Green Technology” (REEGETECH 2014), Bandung, Indonesia, 29 – 31 December, 2014.
- Papers Reviewer of the International Scientific Conference “International Conference Renewable Energy & Green Technology” (REEGETECH 2014), Bandung, Indonesia, 29 – 31 December, 2014.
- Papers Reviewer of “Computers and Electrical Engineering”, Elsevier.
- Member of Technical Program Committee of the International Scientific Conference “IEEE 2014 International Conference on Industrial Electronics, Mechatronics, Automation, Computer Systems and Informatics (IMACSI 2014), Yogyakarta, Indonesia, 19 – 21 August, 2014.
- Papers Reviewer of the International Scientific Conference “IEEE 2014 International Conference on Industrial Electronics, Mechatronics, Automation, Computer Systems and Informatics (IMACSI 2014), Yogyakarta, Indonesia, 19 – 21 August, 2014.
- Member of Technical Program Committee of the International Scientific Conference “2014 IEEE Conference on Wireless Sensors” (ICWiSe 2014), Kuala Lumpur, Malaysia, 26 – 28 October, 2014.
- Papers Reviewer of the International Scientific Conference “2014 IEEE Conference on Wireless Sensors” (ICWiSe 2014), Kuala Lumpur, Malaysia, 26 – 28 October, 2014.
- Member of Technical Program Committee of the International Scientific Conference “2014 International Conference on Control Automation & Applied Mechanics” (ICCAAM 2014), Algiers, Algeria, 25 – 26 November, 2014.
- Papers Reviewer of the International Scientific Conference “2014 International Conference on Control Automation & Applied Mechanics” (ICCAAM 2014), Algiers, Algeria, 25 – 26 November, 2014.
- Member of Technical Program Committee of the International Scientific Conference “2015 International Biometrics & Smart Government Summit” (IBMSGs 2015), Sousse, Tunisia, 18 – 20 January, 2015.
- Papers Reviewer of the International Scientific Conference “2015 International Biometrics & Smart Government Summit” (IBMSGs 2015), Sousse, Tunisia, 18 – 20 January, 2015.

- Member of Technical Program Committee of the International Scientific Conference "2014 IEEE Asia-Pacific Conference on Applied Electromagnetics" (APACE 2014), Johor Bahru, Malaysia, 08 - 10 December, 2014.
- Papers Reviewer of the International Scientific Conference "2014 IEEE Asia-Pacific Conference on Applied Electromagnetics" (APACE 2014), Johor Bahru, Malaysia, 08 - 10 December, 2014.
- Member of Technical Program Committee of the International Scientific Conference "2014 IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems 2015" (IEEE SPICES 2015), Kerala, India, 19 – 21 February, 2015.
- Papers Reviewer of the International Scientific Conference "2014 IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems 2015" (IEEE SPICES 2015), Kerala, India, 19 – 21 February, 2015.
- Member of Technical Program Committee of the International Scientific Conference "9th International Conference on Innovative Mobile and Internet Services in Ubiquitous Computing (IMIS-2015), Blumenau, Brazil, 08 – 10 July, 2015.
- Papers Reviewer of the International Scientific Conference "9th International Conference on Innovative Mobile and Internet Services in Ubiquitous Computing (IMIS-2015), Blumenau, Brazil, 08 – 10 July, 2015.
- Papers Reviewer of the International Scientific Conference "IEEE International Conference on Communications (IEEE ICC2015)", London, UK, 08-12 June, 2015.
- Member of Technical Program Committee of the International Scientific Conference "IEEE International Conference on Communications (IEEE ICC2015)", London, UK, 08-12 June, 2015.
- Papers Reviewer of the International Scientific Conference "IEEE Wireless Communications and Networking Conference (WCNC 2015)", New Orleans, LA USA, 09-12 March, 2015.
- Member of Technical Program Committee of the International Scientific Conference "IEEE 2015 International Conference on Computer, Communication, and Control Technology" (I4CT 2015), Kuching, Sarawak, Malaysia, 21-23 April, 2015.
- Papers Reviewer of the International Scientific Conference "IEEE 2015 International Conference on Computer, Communication, and Control Technology" (I4CT 2015), Kuching, Sarawak, Malaysia, 21-23 April, 2015.
- Member of Technical Program Committee of the International Scientific Conference "International Conference on Business, Management, Tourism and Hospitality 2015 (BIZMATOUR 2015), Melaka, Malaysia, 12-14 May, 2015.
- Papers Reviewer of the International Scientific Conference "International Conference on Business, Management, Tourism and Hospitality 2015 (BIZMATOUR 2015), Melaka, Malaysia, 12-14 May, 2015.

- Papers Reviewer of “Cluster Computing”, Springer.
- Member of Technical Program Committee of the International Scientific Conference “2015 International Conference on Communication and Computer Engineering” (ICOCOE'2015), Springer LNEE Series, Phuket, Thailand, 09 – 11 June, 2015.
- Papers Reviewer of the International Scientific Conference “2015 International Conference on Communication and Computer Engineering” (ICOCOE'2015), Springer LNEE Series, Phuket, Thailand, 09 – 11 June, 2015.
- Member of Technical Program Committee of the International Scientific Conference “IEEE 2015 International Symposium on Technology Management and Emerging Technologies” (ISTMET 2015), Langkawi Island, Kedah, Malaysia, 25 – 27 August, 2015.
- Papers Reviewer of the International Scientific Conference “IEEE 2015 International Symposium on Technology Management and Emerging Technologies” (ISTMET 2015), Langkawi Island, Kedah, Malaysia, 25 – 27 August, 2015.
- Papers Reviewer of “IEEE Communications Magazine”.
- Member of Technical Program Committee of the International Scientific Conference “2015 20th IEEE International Workshop on Computer-Aided Modeling Analysis and Design of Communication Links and Networks” (IEEE CAMAD 2015), Surrey, UK, 14 – 16 September, 2015.
- Papers Reviewer of the International Scientific Conference “2015 20th IEEE International Workshop on Computer-Aided Modeling Analysis and Design of Communication Links and Networks” (IEEE CAMAD 2015), Surrey, UK, 14 – 16 September, 2015.
- Member of Technical Program Committee of the International Scientific Conference “Workshop on Next Generation Systems for Mobile and Cloud Computing - IEEE MCC workshop”, in conjunction with IEEE 3PGCIC 2015, Krakow, Poland, 04-06 November, 2015.
- Papers Reviewer of the International Scientific Conference “Workshop on Next Generation Systems for Mobile and Cloud Computing - IEEE MCC workshop”, in conjunction with IEEE 3PGCIC 2015, Krakow, Poland, 04-06 November, 2015.
- Member of Technical Program Committee of the International Scientific Conference “2015 IEEE First International Conference on Telematics and Future Generation Networks” (TAFGEN 2015), Kuala Lumpur, Malaysia, 26 – 28 May, 2015.
- Papers Reviewer of the International Scientific Conference “2015 IEEE First International Conference on Telematics and Future Generation Networks” (TAFGEN 2015), Kuala Lumpur, Malaysia, 26 – 28 May, 2015.
- Member of Technical Program Committee of the International Scientific Conference “IEEE Global Communications Conference, Exhibition & Industry Forum (IEEE Globecom2015)”, San Diego, CA, USA, 06-10 December, 2015.

- Papers Reviewer of the International Scientific Conference “IEEE Global Communications Conference, Exhibition & Industry Forum (IEEE Globecom2015)”, San Diego, CA, USA, 06-10 December, 2015.
- Member of Technical Program Committee of the International Scientific Conference “IEEE 26th Annual International Symposium on Personal, Indoor and Mobile Radio Communications (IEEE PIMRC 2015)”, Hong Kong, China, 30 August - 02 September, 2015.
- Papers Reviewer of the International Scientific Conference “IEEE 26th Annual International Symposium on Personal, Indoor and Mobile Radio Communications (IEEE PIMRC 2015)”, Hong Kong, China, 30 August - 02 September, 2015.
- Member of Technical Program Committee of the International Scientific Conference “IEEE International Conference on Signal Processing and Data Mining (IEEE ICSPDM 2015)”, Istanbul, Turkey, 26 - 28 July, 2015.
- Papers Reviewer of the International Scientific Conference “IEEE International Conference on Signal Processing and Data Mining (IEEE ICSPDM 2015)”, Istanbul, Turkey, 26 - 28 July, 2015.
- Member of Technical Program Committee of the International Scientific Conference “IEEE Conference on Wireless Sensors (IEEE ICWiSE 2015)”, Malacca, Malaysia, 24 - 26 August, 2015.
- Papers Reviewer of the International Scientific Conference “IEEE Conference on Wireless Sensors (IEEE ICWiSE 2015)”, Malacca, Malaysia, 24 - 26 August, 2015.
- Member of Technical Program Committee του Workshop on “Signal Processing, Image Processing and Pattern Recognition (SIPR’15)” of the International Scientific Conference “2nd International Symposium on Computer Vision and the Internet (VISIONNET’15)”, Elsevier, Kochi, India, 10 - 13 August, 2015.
- Papers Reviewer του Workshop on “Signal Processing, Image Processing and Pattern Recognition (SIPR’15)” of the International Scientific Conference “2nd International Symposium on Computer Vision and the Internet (VISIONNET’15)”, Elsevier, Kochi, India, 10 - 13 August, 2015.
- Member of Technical Program Committee of the International Scientific Conference “2015 IEEE International Symposium on Web of Things and Big Data (WoTBd 2015)”, Manama, Bahrain, October, 2015.
- Papers Reviewer of the International Scientific Conference “2015 IEEE International Symposium on Web of Things and Big Data (WoTBd 2015)”, Manama, Bahrain, October, 2015.
- Member of Technical Program Committee of the International Scientific Conference “12th International Conference on Mobile Web Information Systems (MobiWIS 2015)”, 2nd International Workshop on Mobile Applications (MobiApps), Rome, Italy, 24-26 August, 2015.

- Papers Reviewer of the International Scientific Conference “12th International Conference on Mobile Web Information Systems (MobiWIS 2015)”, 2nd International Workshop on Mobile Applications (MobiApps), Rome, Italy, 24-26 August, 2015.
- Member of Technical Program Committee of the International Scientific Conference “2015 IEEE International Conference on Automation, Cognitive Science, Optics, Micro Electro Mechanical System, and Information Technology (ICACOMIT 2015)”, Bandung, Indonesia, 28-30 October, 2015.
- Papers Reviewer of the International Scientific Conference “2015 IEEE International Conference on Automation, Cognitive Science, Optics, Micro Electro Mechanical System, and Information Technology (ICACOMIT 2015)”, Bandung, Indonesia, 28-30 October, 2015.
- Member of Technical Program Committee of the International Scientific Conference “IEEE 82nd Vehicular Technology Conference: VTC2015-Fall”, Boston, USA, 06-09 September, 2015.
- Papers Reviewer of the International Scientific Conference “IEEE 82nd Vehicular Technology Conference: VTC2015-Fall”, Boston, USA, 06-09 September, 2015.
- Member of Technical Program Committee of the International Scientific Conference “IEEE Asia Pacific Conference on Wireless and Mobile 2015 (APWiMob 2015)”, Bandung, Indonesia, 27-29 August, 2015.
- Papers Reviewer of the International Scientific Conference “IEEE Asia Pacific Conference on Wireless and Mobile 2015 (APWiMob 2015)”, Bandung, Indonesia, 27-29 August, 2015.
- Member of Technical Program Committee of the International Scientific Conference “IEEE International Conference on Control, Electronics, Renewable Energy, and Communications 2015 (ICCEREC 2015)”, Bandung, Indonesia, 27-29 August, 2015.
- Papers Reviewer of the International Scientific Conference “IEEE International Conference on Control, Electronics, Renewable Energy, and Communications 2015 (ICCEREC 2015)”, Bandung, Indonesia, 27-29 August, 2015.
- Member of Technical Program Committee of the International Scientific Conference “2nd International Conference on Applied Electromagnetic” (APPEIC 2015), Springer LNEE, Krabi, Thailand, 03 – 05 December, 2015.
- Papers Reviewer of the International Scientific Conference “2nd International Conference on Applied Electromagnetic” (APPEIC 2015), Springer LNEE, Krabi, Thailand, 03 – 05 December, 2015.
- Member of Technical Program Committee of the International Scientific Conference “2015 International Conference on Telecommunication, Electronic and Computer Engineering” (ICTEC 2015), Melaka, Malaysia, 16 – 17 November, 2015.

- Papers Reviewer of the International Scientific Conference “2015 International Conference on Telecommunication, Electronic and Computer Engineering” (ICTEC 2015), Melaka, Malaysia, 16 – 17 November, 2015.
- Member of Technical Program Committee of the International Scientific Conference “2015 International Conference on Industrial Internet of Things” (ICIOT 2015), Samosir Island, Indonesia, 07 – 09 September, 2015.
- Papers Reviewer of the International Scientific Conference “2015 International Conference on Industrial Internet of Things” (ICIOT 2015), Samosir Island, Indonesia, 07 – 09 September, 2015.
- Papers Reviewer of the International Scientific Conference “3rd IEEE International Conference on Technology, Informatics, Management, Engineering & Environment (TIME-E 2015)”, Sumatra, Indonesia, 09-13 September, 2015.
- Member of Technical Program Committee of the International Scientific Conference “3rd IEEE International Conference on Technology, Informatics, Management, Engineering & Environment (TIME-E 2015)”, Sumatra, Indonesia, 09-13 September, 2015.
- Papers Reviewer of the International Scientific Conference “5th IEEE International Conference on Marketing and Retailing (INCOMaR 2015)”, Penang, Malaysia, 11-13 October, 2015.
- Member of Technical Program Committee of the International Scientific Conference “5th IEEE International Conference on Marketing and Retailing (INCOMaR 2015)”, Penang, Malaysia, 11-13 October, 2015.
- Papers Reviewer of the International Scientific Conference “IEEE International Conference on Communications (IEEE ICC2016)”, Kuala Lumpur, Malaysia, 23-27 May, 2016.
- Member of Technical Program Committee of the International Scientific Conference “IEEE International Conference on Communications (IEEE ICC2016)”, Kuala Lumpur, Malaysia, 23-27 May, 2016.
- Papers Reviewer of the International Scientific Conference “IEEE 2015 International Conference on Computing and Network Communications (CoCoNet'15)”, Trivandrum, Kerala, India, 16-19 December, 2015.
- Member of Technical Program Committee of the International Scientific Conference “IEEE 2015 International Conference on Computing and Network Communications (CoCoNet'15)”, Trivandrum, Kerala, India, 16-19 December, 2015.
- Papers Reviewer of the International Scientific Conference “15th IEEE International Symposium on Signal Processing and Information Technology (ISSPIT 2015)”, Abu Dhabi, UAE, 07-10 December, 2015.

- Member of Technical Program Committee of the International Scientific Conference “15th IEEE International Symposium on Signal Processing and Information Technology (ISSPIT 2015)”, Abu Dhabi, UAE, 07-10 December, 2015.
- Papers Reviewer of the International Scientific Conference “19th International Conference on Network-Based Information Systems (NBIS-2016)”, Ostrava, Czech Republic, 07-09 September, 2016.
- Member of Technical Program Committee of the International Scientific Conference “19th International Conference on Network-Based Information Systems (NBIS-2016)”, Ostrava, Czech Republic, 07-09 September, 2016.
- Papers Reviewer of the International Scientific Conference “10th International Conference on Complex, Intelligent, and Software Intensive Systems (CISIS-2016)”, Japan, 06-08 July, 2016.
- Member of Technical Program Committee of the International Scientific Conference “10th International Conference on Complex, Intelligent, and Software Intensive Systems (CISIS-2016)”, Japan, 06-08 July, 2016.
- Papers Reviewer of the International Scientific Conference “23rd International Conference on Telecommunications (ICT 2016)”, Thessaloniki, Greece, 16-18 May 2016.
- Member of Technical Program Committee of the International Scientific Conference “23rd International Conference on Telecommunications (ICT 2016)”, Thessaloniki, Greece, 16-18 May 2016.
- Papers Reviewer of the International Scientific Conference “IEEE International Conference on Computer Communications (IEEE INFOCOM 2016)”, San Francisco, CA, USA, 10-15 April 2016.
- Member of Technical Program Committee of the International Scientific Conference “IEEE International Conference on Computer Communications (IEEE INFOCOM 2016)”, San Francisco, CA, USA, 10-15 April 2016.
- Member of Technical Program Committee of the International Scientific Conference “IEEE 27th Annual International Symposium on Personal, Indoor and Mobile Radio Communications (IEEE PIMRC 2016)”, Valencia, Spain, 04-07 September, 2016.
- Papers Reviewer of the International Scientific Conference “IEEE 27th Annual International Symposium on Personal, Indoor and Mobile Radio Communications (IEEE PIMRC 2016)”, Valencia, Spain, 04-07 September, 2016.
- Member of Technical Program Committee of the International Scientific Conference “IEEE Global Communications Conference, Exhibition & Industry Forum (IEEE Globecom2016)”, Washington DC, USA, 04-08 December, 2016.
- Papers Reviewer of the International Scientific Conference “IEEE Global Communications Conference, Exhibition & Industry Forum (IEEE Globecom2016)”, Washington DC, USA, 04-08 December, 2016.

- Papers Reviewer of the International Scientific Conference “IEEE International Conference on Communications (IEEE ICC2017)”, Paris, France, 21-25 May, 2017.
- Member of Technical Program Committee of the International Scientific Conference “IEEE International Conference on Communications (IEEE ICC2017)”, Paris, France, 21-25 May, 2017.
- Editor of Journal of Networks, Academy Publishers.
- Evaluator of project proposals in “Digital Convergence” Programme of Greek National Strategic Reference Framework (NSRF), 2007-2013.
- Technical Expert of research project proposals of Eurostars Programme, Eureka.