

CURRICULUM VITAE

IOANNIS D. MOSCHOLIOS

Associate Professor

**Department of Informatics & Telecommunications
University of Peloponnese
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November 2018

1 PERSONAL DATA

Name: IOANNIS D. MOSCHOLIOS
Associate Professor,
University of Peloponnese,
Dept. of Informatics & Telecommunications,
Karaiskaki St.,
Tripolis 22100,
Greece

Citizenship: Hellenic

Date of Birth: January 2, 1976

Place of Birth: Athens, Greece

Marital Status: Married

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2 EDUCATION

Sept. 1994 – Sept. 1999: Diploma in Electrical & Computer Engineering
University of Patras, Patras, Greece

Diploma Thesis: “Determination of Call Blocking Probability and Optimal ABR Traffic Distribution in ATM Networks” (in Greek)
(*Supervisor: Prof. Michael D. Logothetis*)

Sept. 1999 – Sept. 2000: Master of Science (MSc) in Spacecraft Technology and Satellite Communications
University College London (UCL), London, United Kingdom

MSc Thesis: “An Efficient Power Amplifier Design using Doherty Technique”
(*Supervisor: Assistant Prof. Ahmad Khanifar*)

Oct. 2000 – Feb. 2005: PhD in Electrical & Computer Engineering
University of Patras, Patras, Greece

PhD Thesis: “CALL-LEVEL MULTIRATE LOSS MODELS -Threshold Models, ON-OFF Models, Models of Batch Arrivals” (in Greek)
(*Supervisor: Prof. Michael D. Logothetis*)

3 RESEARCH INTERESTS

1. Teletraffic Engineering in Next Generation Networks (4G, 5G).
2. Network Management in Telecommunication Networks.
3. Performance Evaluation and Optimization of Telecommunication Networks.
4. Performance Analysis of Network Protocols.
5. Network simulation.
6. Information Centric Networks.
7. Network Security.

4 INDUSTRIAL EXPERIENCE

Oct. 2005 – June 2009: **Core Network Engineer** in the Core Network/ Network Planning department of Vodafone Greece.

5 ACADEMIC EXPERIENCE

Nov. 2018 – **Present**: **Associate Professor** in the Dept. of Informatics & Telecommunications, University of Peloponnese, Tripolis, Greece.

Dec. 2016 – Nov. 2018: **Tenure Assistant Professor** in the Dept. of Informatics & Telecommunications, University of Peloponnese, Tripolis, Greece.

Feb. 2013 – Dec. 2016: **Assistant Professor** in the Dept. of Informatics & Telecommunications, University of Peloponnese, Tripolis, Greece.

June 2009 – Feb. 2013: **Lecturer** in the Dept. of Telecommunication Science and Technology, University of Peloponnese, Tripolis, Greece.

Oct. 2016 – **Present**: **Coordinator** of the postgraduate course: “Specialization in Networks and Communications”, School of Science & Technology, Hellenic Open University.

Oct. 2016 – **Present**: **Teaching Fellow** in the Hellenic Open University, School of Science and Technology. I taught the postgraduate course: “Specialization in Networks and Communications”.

Oct. 2014 – July 2015: **Teaching Fellow** in the Hellenic Open University, School of Science and Technology. I taught the postgraduate course: “Specialization in Networks and Communications”.

Oct. 2013 – July 2014: **Teaching Fellow** in the Hellenic Open University, School of Science & Technology. I taught the undergraduate course: “Advanced Networks and Services”.

Oct. 2012 – July 2013: **Teaching Fellow** in the Hellenic Open University, School of Science & Technology. I taught the undergraduate course: “Advanced Networks and Services”.

Oct. 2010 – July 2011: **Teaching Fellow** in the Hellenic Open University, School of Science and Technology. I taught the postgraduate course: “Specialization in Networks and Communications”.

6 RESEARCH EXPERIENCE

- Jan. 2012 – Dec. 2014: **Researcher** in the Greek General Secretariat for Research and Technology programme ARCHIMEDES, entitled: “Development of QoS-aware access Protocols for Hybrid Optical-Wireless Networks, PHOWN”.
- Nov. 2005 – Dec. 2008: **Researcher** in the Greek General Secretariat for Research and Technology programme, entitled: “QoS Guarantee of Internet services in IEEE 802.11e wireless links: Mechanism for scheduling of data flow – Teletraffic loss models in wireless networks”.
- Dec. 2003 – Dec. 2004: **Researcher** in the CARATHEODORY programme of the University of Patras, entitled: “QoS Guarantee of Internet services in IEEE 802.11e wireless links: Connection Admission Control and Call Blocking Probability calculation”.
- Sept. 2002 – Oct. 2004: **Member** of the Network Management Group for the development of the Voice (ISDN) Network of the University of Patras, Patras, Greece.
- Mar. 1999 – Oct.2001: **Researcher** in the CARATHEODORY programme of the University of Patras, entitled: “Determination of Call Blocking Probability and Optimal ABR Traffic Distribution in ATM Networks”

7 TEACHING EXPERIENCE

7.1 AS AN ASSOCIATE PROFESSOR (UNIVERSITY OF PELOPONNESE)

- Nov.2018 - **Present**: Undergraduate course “**Probabilities and Statistics**”, (2nd semester).
- Nov.2018 - **Present**: Undergraduate course “**Communication Networks II**”, (5th semester).
- Nov.2018 - **Present**: Undergraduate course “**Stochastic Network Modeling & Performance Analysis**”, (6th semester).
- Nov.2018 - **Present**: Postgraduate course “**Large scale statistical methods**”, in the “MSc in Data Science”.
- Feb. 2019 – **Present**: Postgraduate course “**Contemporary and Future Communication Networks**”, together with Assoc. Prof. A. Kaloxylos, in the MSc Modern Wireless Communications.

7.2 AS AN ASSISTANT PROFESSOR (UNIVERSITY OF PELOPONNESE)

- Feb. 2014 – Nov.2018: Undergraduate course “**Probabilities and Statistics**”, (2nd semester).
- Feb. 2013 – Nov.2018: Undergraduate course “**Communication Networks II**”, (5th semester).
- Feb. 2013 – Nov.2018: Undergraduate course “**Stochastic Network Modeling & Performance Analysis**”, (6th semester).
- Feb. 2013 – Sept. 2014: Undergraduate course “**Communication Networks Simulation Techniques**”, (8th semester).
- Oct. 2017– Nov.2018: Postgraduate course “**Large scale statistical methods**”, in the “MSc in Data Science”.

Feb. 2016 – Sep. 2016: Postgraduate course “**Advanced Topics in Communication Networks**” in the MSc Advanced Telecommunications Systems and Networks.

Feb. 2014 – Sep. 2014: Postgraduate course “**Advanced Topics in Communication Networks**” in the MSc Advanced Telecommunications Systems and Networks.

Feb. 2013 – Sep. 2013: Postgraduate course “**Advanced Topics in Communication Networks**”, together with Prof. A. C. Boucouvalas, in the MSc Advanced Telecommunications Systems and Networks.

7.3 AS A LECTURER (UNIVERSITY OF PELOPONNESE)

Sept. 2009 – Feb. 2013: Undergraduate course “Communication Networks II”, (5th semester).

Feb. 2010 – Feb. 2013: Undergraduate course “Stochastic Network Modeling & Performance Analysis”, (6th semester).

Feb. 2010 – Feb. 2013: Undergraduate course “Communication Networks Simulation Techniques”, (8th semester).

Sept. 2009 – Feb. 2013: Postgraduate course “Advanced Topics in Communication Networks”, together with Prof. A. C. Boucouvalas.

8 AWARDS

6. Best paper award:
P. I. Panagoulas, **I. D. Moscholios**, M. D. Koukias and M. D. Logothetis, “A multirate loss model of quasi-random input for the X2 link of LTE networks”, accepted for publication in the 17th Int. Conf. on Networks (ICN), Athens, Greece, 22-26 April 2018.
5. Best paper award:
V. G. Vassilakis, **I. D. Moscholios**, M. D. Logothetis and M. N. Koukias, “Formal verification of key establishment for dual connectivity in small cell LTE networks”, *Proc. 6th Int. Conf. on Communications, Computation, Networks and Technologies INNOV*, Athens, Greece, 8-12 October 2017.
4. Best paper award:
V. G. Vassilakis, **I. D. Moscholios**, M. D. Logothetis and M. N. Koukias, “A Single-Threshold Model for Handoff Traffic Analysis in Cellular CDMA Networks”, *Proc. of 10th Advanced Int. Conf. on Telecommunications, AICT*, Paris, France, 20-24 July 2014.
3. Best paper award:
I. D. Moscholios, V. G. Vassilakis, M. D. Logothetis, J. S. Vardakas, “Bandwidth Reservation in the Erlang Multirate Loss Model for Elastic and Adaptive Traffic”, *Proc. of 9th Advanced Int. Conf. on Telecommunications, AICT 2013*, Rome, Italy, 23-28 June 2013.
2. Best paper award:
J. S. Vardakas, **I. D. Moscholios** and M. D. Logothetis, “An Analytical Study of an all Optical Packet Switch with QoS Support”, *Proc. of 6th Advanced Int. Conf. on Telecommunications, AICT 2010*, Barcelona, Spain, 9-15 May 2010.
1. Ericsson Award of Excellence in Telecommunications for my Diploma Thesis entitled: “Determination of Call Blocking Probability and Optimal ABR Traffic Distribution in ATM Networks”, University of Patras, Greece, May 2000.

9 TECHNICAL REPORTS

2. “QoS Guarantee of Internet services in IEEE 802.11e wireless links: Connection Admission Control and Call Blocking Probability calculation”, M. D. Logothetis, J. S. Vardakas, **I. D. Moscholios** and V. G. Vassilakis, November 2006.
1. “Determination of Call Blocking Probability and Optimal ABR Traffic Distribution in ATM Networks”, M. D. Logothetis and **I. D. Moscholios**, Proceedings of the Project Karatheodoris, October 2001.

10 MEMBERSHIP

1. Member of the Technical Chamber of Greece (March 2001)
2. IARIA Fellow (2016)

11 PUBLICATIONS

11.1 BOOK CHAPTERS

- B3. M. D. Logothetis, V. G. Vassilakis and **I. D. Moscholios**, “Call-level Performance Modeling and QoS Assessment of W-CDMA Networks”, *Wireless Networks: Research, Technology and Applications*, Ed. Jia Feng, Nova Science Publishers, New York, USA, 2009, pp. 57-90.
- B2. **I. D. Moscholios** and M. D. Logothetis, “QoS Guarantee in a Multirate Loss Model of Batched Poisson Arrival Processes”, *Mobility Management and Quality of Service for Heterogeneous Networks*, Ed. D. Kouvatsos, River Publishers, 2009, pp. 387-416.
- B1. V. G. Vassilakis, G. A. Kallos, **I. D. Moscholios** and M. D. Logothetis, “An Analytical Model for Elastic Service-classes in W-CDMA Networks”, *Performance Modelling and Analysis of Heterogeneous Networks*, Ed. D. Kouvatsos, River Publishers, 2009, pp. 277-299.

11.2 JOURNAL PAPERS

- J50. V. Moysiadis, P. G. Sarigiannidis and **I. D. Moscholios**, “Towards Distributed Data Management in Fog Computing”, *Wireless Communications and Mobile Computing*, Volume 2018, Article ID 7597686, 14 pages, <https://doi.org/10.1155/2018/7597686> .
- J49. S. G. Sagkriotis, S. K. Pantelis, **I. D. Moscholios** and V. G. Vassilakis, “Call-level Analysis of a Two-Link Multirate Loss Model based on a Convolution Algorithm”, *Journal of Telecommunications and Information Technology (JTIT)*, vol. 1, pp. 3-10, 2018.
- J48. **I. D. Moscholios**, V. G. Vassilakis, N. C. Sagias and M. D. Logothetis, “On channel sharing policies in LEO Mobile Satellite Systems”, *IEEE Transactions on Aerospace and Electronic Systems*, vol. 54, issue 4, pp. 1628-1640, August 2018.
- J47. S. G. Sagkriotis, S. K. Pantelis, **I. D. Moscholios** and V. G. Vassilakis, “Call Blocking Probabilities in a Two-Link Multi Rate Loss System for Poisson Traffic”, *IET Networks*, vol. 7, issue 4, pp. 233-241, July 2018.
- J46. **I. D. Moscholios**, V. G. Vassilakis and P. G. Sarigiannidis, “Performance Modelling of a Multirate Loss System with Batched Poisson Arrivals under a Probabilistic Threshold Policy”, *IET Networks*, vol. 7, issue 4, pp. 242-247, July 2018.

- J45. C. Dalamagkas, P. G. Sarigiannidis, S. Kapetanakis and **I. D. Moscholios**, “Dynamic Scheduling in TWDM-PONs Using Game Theory”, *Optical Switching and Networking*, <https://doi.org/10.1016/j.osn.2017.12.004>, Available online: 30 December 2017.
- J44. V. G. Vassilakis, **I. D. Moscholios** and M. D. Logothetis, “On the efficient Radio Resource Allocation in SDN/NFV Based Mobile Cellular Networks under the Complete Sharing Policy”, *IET Networks*, vol. 7, issue 3, pp. 103-108, May 2018.
- J43. V. G. Vassilakis, **I. D. Moscholios** and M. D. Logothetis, “Quality of Service Differentiation of Elastic and Adaptive Services in CDMA Networks: A Mathematical Modelling Approach”, *Wireless Networks*, vol. 24, issue 4, pp. 1279-1295, May 2018.
- J42. **I. D. Moscholios**, V. G. Vassilakis, P. G. Sarigiannidis, N. C. Sagias and M. D. Logothetis, “An analytical framework in LEO Mobile Satellite Systems Servicing Batched Poisson Traffic”, *IET Communications*, vol. 12, issue 1, pp. 18-25, January 2018.
- J41. **I. D. Moscholios**, V. G. Vassilakis, M. D. Logothetis and A. C. Boucouvalas, “State-dependent Bandwidth Sharing Policies for Wireless Multirate Loss Networks”, *IEEE Transactions on Wireless Communications*, vol. 16, issue 8, pp. 5481-5497, August 2017.
- J40. P. G. Sarigiannidis, A. G. Sarigiannidis, **I. D. Moscholios** and P. Zwierzykowski, “DIANA: A Machine Learning Mechanism for Adjusting the TDD Uplink-Downlink Configuration in XG-PON-LTE Systems”, *Mobile Information Systems*, Volume 2017 (2017), Article ID 8198017, 15 pages, <https://doi.org/10.1155/2017/8198017>.
- J39. **I. D. Moscholios**, M. D. Logothetis and S. Shioda, “Performance Evaluation of Multirate Loss Systems Supporting Cooperative Users with a Probabilistic Behavior”, *IEICE Trans. Commun.*, vol. E100-B, no. 10, pp. 1778-1788, October 2017.
- J38. **I. D. Moscholios**, “Congestion Probabilities in Erlang-Engset Multirate Loss Models under the Multiple Fractional Channel Reservation Policy”, *Image Processing & Communications*, vol. 21, no. 1, pp. 35-46, March 2016.
- J37. V. G. Vassilakis, L. Wang, **I. D. Moscholios** and M. D. Logothetis, “Calculating Distributed Denial of Service Attack Probability in Bloom Filter based Information Centric Networks”, *Image Processing & Communications*, vol. 21, no. 1, pp. 7-23, 2016.
- J36. **I. D. Moscholios**, V. G. Vassilakis, M. D. Logothetis and A. C. Boucouvalas, “A Probabilistic Threshold-based Bandwidth Sharing Policy for Wireless Multirate Loss Networks”, *IEEE Wireless Communications Letters*, vol. 5, issue 3, pp. 304-307, June 2016.
- J35. V. G. Vassilakis, **I. D. Moscholios** and M. D. Logothetis, “Uplink Blocking Probabilities in Priority-Based Cellular CDMA Networks with Finite Source Population”, *IEICE Transactions on Communications*, vol. E99-B, no. 6, pp. 1302-1309, June 2016.
- J34. **I. D. Moscholios**, M. D. Logothetis and A. C. Boucouvalas, “Blocking Probabilities of Elastic and Adaptive Calls in the Erlang Multirate Loss Model under the Threshold Policy”, *Telecommunication Systems*, vol. 62, Issue 1, May 2016, pp. 245-262.
- J33. **I. D. Moscholios**, M. D. Logothetis, A. C. Boucouvalas and V. G. Vassilakis, “Call Blocking Probabilities of Multirate Elastic and Adaptive Traffic under the Threshold and Bandwidth Reservation Policies”, *Journal of Telecommunications and Information Technology (JTIT)*, Vol. 1, 2016, pp. 44-52.
- J32. **I. D. Moscholios**, M. D. Logothetis, J. S. Vardakas and A. C. Boucouvalas, “Congestion Probabilities of Elastic and Adaptive Calls in Erlang-Engset Multirate

- Loss Models under the Threshold and Bandwidth Reservation Policies”, *Computer Networks*, vol. 92, part 1, December 2015, pp. 1-23.
- J31. **I. D. Moscholios**, M. D. Logothetis, J. S. Vardakas and A. C. Boucouvalas, “Performance Metrics of a Multirate Resource Sharing Teletraffic Model with Finite Sources under both the Threshold and Bandwidth Reservation Policies”, *IET Networks*, Vol. 4, Issue 3, May 2015, pp. 195-208.
- J30. **I. D. Moscholios**, G. A. Kallos, V. G. Vassilakis and M. D. Logothetis, “Congestion Probabilities in CDMA-based networks supporting batched Poisson input traffic”, *Wireless Personal Communications*, Vol. 79, Issue 2, November 2014, pp. 1163-1186.
- J29. **I. D. Moscholios**, G. A. Kallos, M. A. Katsiva, V. G. Vassilakis and M. D. Logothetis, “QoS Equalization in a W-CDMA Cell Supporting Calls of Infinite or Finite Sources with Interference Cancellation”, *Journal of Telecommunications and Information Technology (JTIT)*, Vol. 3, 2014, pp. 63-70.
- J28. J. S. Vardakas, **I. D. Moscholios**, N. Zorba, M. D. Logothetis and C. V. Verikoukis, “Delay Analysis of Converged Optical-Wireless Networks with QoS Support”, *IET Circuits, Devices and Systems*, Vol. 8, Issue 5, September 2014, pp. 339-348.
- J27. **I. D. Moscholios**, V. G. Vassilakis, M. D. Logothetis and J. S. Vardakas, “Erlang-Engset Multirate Retry Loss Models for Elastic and Adaptive Traffic under the Bandwidth Reservation Policy”, *Int. Journal on Advances in Networks and Services*, Vol. 7, No. 1 & 2, July 2014, pp. 12-24.
- J26. J. S. Vardakas, **I. D. Moscholios**, M. D. Logothetis, and V. G. Stylianakis, “Performance analysis of OCDMA PON configuration supporting multirate bursty traffic with retrials and QoS differentiation”, *Optical Switching and Networking*, Vol. 13, July 2014, pp. 112-123.
- J25. **I. D. Moscholios**, J. S. Vardakas, M. D. Logothetis and M. N. Koukias, “A Quasi-random Multirate Loss Model supporting Elastic and Adaptive Traffic under the Bandwidth Reservation Policy”, *Int. Journal on Advances in Networks and Services*, Vol. 6, No. 3 & 4, December 2013, pp. 163-174.
- J24. **I. D. Moscholios**, J. S. Vardakas, M. D. Logothetis and A. C. Boucouvalas, “Derivatives of Blocking Probabilities in Multirate Access Tree Networks”, *Advances in Electronics and Telecommunications*, Vol. 3, No. 5, Poznan University of Technology, Poland, December 2013, pp. 39-43.
- J23. J. S. Vardakas, **I. D. Moscholios**, M. D. Logothetis, and V. G. Stylianakis, “Performance Analysis of OCDMA PONs Supporting Multi-Rate Bursty Traffic”, *IEEE Transactions on Communications*, Vol. 61, No. 8, August 2013, pp. 3374-3384.
- J22. **I. D. Moscholios**, J. S. Vardakas, M. D. Logothetis and A. C. Boucouvalas, “Congestion Probabilities in a Batched Poisson Multirate Loss Model Supporting Elastic and Adaptive Traffic”, *Annals of Telecommunications*, Vol. 68, Issue 5, June 2013, pp. 327-344.
- J21. J. S. Vardakas, **I. D. Moscholios**, M. D. Logothetis, and V. G. Stylianakis, “Blocking Performance of Multi-rate OCDMA PONs with QoS Guarantee”, *Int. Journal on Advances in Telecommunications*, Vol. 5, No. 3 and 4, December 2012, pp. 120-130.
- J20. V. G. Vassilakis, **I. D. Moscholios** and M. D. Logothetis, “The Extended Connection-Dependent Threshold Model for Call-level Performance Analysis of Multi-rate Loss Systems under the Bandwidth Reservation Policy”, *Int. Journal of Communication Systems*, Vol. 25, Issue 7, July 2012, pp. 849-873.
- J19. **I. D. Moscholios**, J. S. Vardakas, M. D. Logothetis and A. C. Boucouvalas, “New Algorithms for Performance Measures Derivatives in the Erlang Multirate Loss Model

- including the Bandwidth Reservation Policy”, *Mediterranean Journal of Computers and Networks*, Vol. 7, No. 4, October 2011, pp. 304-316.
- J18. **I. D. Moscholios**, V. G. Vassilakis, J. S. Vardakas and M. D. Logothetis, “Retry loss models supporting elastic traffic”, *Advances in Electronics and Telecommunications*, Poznan University of Technology, Poland, Vol. 2, No. 3, September 2011, pp. 8-13.
- J17. J. S. Vardakas, **I. D. Moscholios**, M. D. Logothetis and V. G. Stylianakis, “An Analytical Approach for Dynamic Wavelength Allocation in WDM-TDMA PONs Servicing ON-OFF Traffic”, *IEEE/OSA Journal of Optical Communications and Networking*, Vol. 3, Issue 4, April 2011, pp. 347-358.
- J16. J. S. Vardakas, **I. D. Moscholios**, M. D. Logothetis and V. G. Stylianakis, “A Mathematical Framework for the Performance Evaluation of an All-Optical Packet Switch with QoS Differentiation”, *Int. Journal on Advances in Telecommunications*, Vol. 3, No. 3-4, 2010, pp. 239-251.
- J15. **I. D. Moscholios** and M. D. Logothetis, “The Erlang Multirate Loss Model with Batched Poisson Arrival Processes under the Bandwidth Reservation Policy”, *Computer Communications*, Vol. 33, Supplement 1, November 2010, pp. S167-S179.
- J14. V. G. Vassilakis, G. A. Kallos, **I. D. Moscholios** and M. D. Logothetis, “On Call Admission Control in W-CDMA Networks Supporting Handoff Traffic”, *Ubiquitous Computing and Communication Journal*, Special Issue on IEEE CSNDSP 2008, September 2009, available at: http://www.ubicc.org/journal_full_detail.aspx?id=31
- J13. V. G. Vassilakis, **I. D. Moscholios** and M. D. Logothetis, “Call-level Performance Modelling of Elastic and Adaptive Service-classes with Finite Population”, *IEICE Transactions on Communications*, Vol. E91-B, No.1, January 2008, pp. 151-162.
- J12. **I. D. Moscholios**, M. D. Logothetis and G. K. Kokkinakis, “On the calculation of Blocking Probabilities in the Multirate State-Dependent Loss Models for Finite Sources”, *Mediterranean Journal of Computers and Networks*, Vol. 3, No. 3, July 2007, pp. 100-109.
- J11. **I. D. Moscholios**, M. D. Logothetis and M. N. Koukias, “An ON-OFF Multirate Loss Model of Finite Sources”, *IEICE Transactions on Communications*, Vol. E90-B, No.7, July 2007, pp. 1608-1619.
- J10. M. D. Logothetis, **I. D. Moscholios** and G. K. Kokkinakis, “New Connection Dependent Threshold Model – A Generalization of the Erlang Multirate Loss Model”, *Mediterranean Journal of Electronics and Communications*, Vol. 3, No. 4, October 2007, pp. 126-137.
- J9. **I. D. Moscholios** and M. D. Logothetis, “Engset Multirate State-Dependent Loss Models with QoS Guarantee”, *International Journal of Communications Systems*, Vol. 19, Issue 1, February 2006, pp. 67-93.
- J8. **I. D. Moscholios**, M. D. Logothetis and M. N. Koukias, “A State-Dependent Multi-Rate Loss Model of Finite Sources with QoS Guarantee for Wireless Networks”, *Mediterranean Journal of Computers and Networks*, Vol. 2, No. 1, January 2006, pp. 10-20.
- J7. M. D. Logothetis, **I. D. Moscholios** and G. K. Kokkinakis, “The Generalized Max-Min Fairness Policy based on Linear Programming”, *Mediterranean Journal of Electronics and Communications*, Vol. 2, No. 1, January 2006, pp. 1-10.
- J6. **I. D. Moscholios**, M. D. Logothetis and G. K. Kokkinakis, “Call-burst blocking of ON-OFF traffic sources with retrials under the complete sharing policy”, *Performance Evaluation*, Vol. 59, Issue 4, March 2005, pp. 279-312.

- J5. **I. D. Moscholios** and M. D. Logothetis, “New Algorithm for the Generalized Max-Min Fairness Policy based on Linear Programming”, *IEICE Transactions on Communications*, Vol E88-B, No.2, February 2005, pp. 775-780.
- J4. **I. D. Moscholios**, M. D. Logothetis and P. I. Nikolaropoulos, “Engset Multi-Rate State-Dependent Loss Models”, *Performance Evaluation*, Vol. 59, Issues 2-3, February 2005, pp. 247-277.
- J3. M. D. Logothetis, **I. D. Moscholios** and G. K.Kokkinakis, “Traffic savings through a CAC procedure incorporating a fair bandwidth allocation policy for elastic services”, *Journal of Communications*, University of Zilina, Slovakia, 4/2004, pp. 13-16.
- J2. **I. D. Moscholios**, M. D. Logothetis and G. K. Kokkinakis, “Evaluation of Fair Bandwidth Allocation Policies for Elastic Traffic Through a Linear Programming Model”, *ACTA Technica Napocensis Electronics and Telecommunications Journal*, Volume 43, Number 2, November 2002, pp. 12-19.
- J1. **I. D. Moscholios**, M. D. Logothetis and G. K. Kokkinakis, “Connection Dependent Threshold Model: A Generalization of the Erlang Multiple Rate Loss Model”, *Performance Evaluation*, Vol.48, Issues 1-4, May 2002, pp. 177-200.

11.3 CONFERENCE PAPERS

- C101. K. E. Benson, G. I. Bouloukakis, V. Issarny, S. Mehrotra, **I. D. Moscholios** and N. Venkatasubramanian, “FIREDEX: a Prioritized IoT Data Exchange Middleware for Emergency Response”, Proc. ACM/IFIP/USENIX Int. Middleware Conf., Rennes, France, 10-14 December 2018.
- C100. P. Efstratiou and **I. D. Moscholios**, “A Multirate Loss Model for a 5G Cellular Network with Mobile Users and Quasi-random Traffic”, Proc. Advances in Wireless and Optical Communications (RTUWO), Riga, Latvia, 15-16 November 2018.
- C99. G. I. Bouloukakis, **I. D. Moscholios**, N. Georganas and V. Issarny, “Simulation-based queueing models for performance analysis of IoT applications”, accepted for publication in IEEE/IET CSNDSP, Budapest, Hungary, 18-20 July 2018.
- C98. **I. D. Moscholios**, V. G. Vassilakis, P. I. Panagoulas and M. D. Logothetis, “On call blocking probabilities and resource utilization in OFDM wireless networks”, accepted for publication in IEEE/IET CSNDSP, Budapest, Hungary, 18-20 July 2018.
- C97. **I. D. Moscholios**, V. G. Vassilakis, G. I. Bouloukakis, P. I. Panagoulas and M. D. Logothetis, “A convolution algorithm for a multirate loss system with Poisson arrivals and a threshold call admission policy”, accepted for publication in IEEE/IET CSNDSP, Budapest, Hungary, 18-20 July 2018.
- C96. B. A. Alohal, V. G. Vassilakis, **I. D. Moscholios** and M. D. Logothetis, “A secure scheme for group communication of wireless IoT devices”, accepted for publication in IEEE/IET CSNDSP, Budapest, Hungary, 18-20 July 2018.
- C95. C. Dalamagkas, P. G. Sarigiannidis, **I. D. Moscholios**, T. Lagkas and M. S. Obaidat, “PAS: A Fair Game-Driven DBA Scheme for XG-PON Systems”, accepted for publication in IEEE/IET CSNDSP, Budapest, Hungary, 18-20 July 2018.
- C94. P. P. Ioulianou, V. G. Vassilakis, **I. D. Moscholios** and M. D. Logothetis, “A Signature-based Intrusion Detection System for the Internet of Things”, Proc. IEICE ICTF, Graz, Austria, 11-13 July 2018.
- C93. M. Akbanov, V. G. Vassilakis, **I. D. Moscholios** and M. D. Logothetis, “Static and dynamic analysis of WannaCry Ransomware”, Proc. IEICE ICTF, Graz, Austria, 11-13 July 2018.

- C92. P. I. Panagoulas, **I. D. Moscholios**, M. D. Koukias and M. D. Logothetis, “A multirate loss model of quasi-random input for the X2 link of LTE networks”, Proc. 17th Int. Conf. on Networks (ICN), Athens, Greece, 22-26 April 2018.
- C91. **I. D. Moscholios**, “Teletraffic Advances in LEO Mobile Satellite Systems”, Tutorial in the 10th Int. Conf. on Advance in Satellite and Space Communications (SPACOMM), Athens, Greece, 22-26 April 2018.
- C90. V. G. Vassilakis, **I. D. Moscholios**, M. D. Logothetis and M. N. Koukias, “Formal verification of key establishment for dual connectivity in small cell LTE networks”, Proc. 6th Int. Conf. on Communications, Computation, Networks and Technologies (INNOV), Athens, Greece, 8-12 October 2017 (**best paper award**).
- C89. **I. D. Moscholios**, “A Wireless Multirate Loss Model for quasi-random traffic under a state-dependent threshold policy”, Proc. *IEICE Information and Communication Technology Forum (ICTF)*, Poznan, Poland, 4-6 July 2017.
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- C82. G. Bouloukakis, **I. D. Moscholios**, N. Georgantas and V. Issarny, “Performance Modeling of the Middleware Overlay Infrastructure of Mobile Things”, Proc. *IEEE ICC 2017*, Paris, France, 21-25 May 2017.
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- C53. M. D. Logothetis, **I. D. Moscholios**, A. C. Boucouvalas and J. S. Vardakas, “Delay Performance of WDM-EPON for Multi-dimensional Traffic Under the IPACT Fixed Service and the Multi-Point Control Protocol”, Proc. of *2nd European Teletraffic Seminar*, Blekinge Institute of Technology, Karlskrona, Sweden, 30 September – 2 October 2013.

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- C46. J. S. Vardakas, **I. D. Moscholios**, M. D. Logothetis and V. G. Stylianakis, “On Code reservation in Multi-rate OCDMA Passive Optical Networks”, *Proc. of IEEE International Symposium on Communication Systems, Networks and Digital Signal Processing – 8th CSNDSP' 2012*, Poznan, Poland, 18-20 July 2012.
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- C42. J. S. Vardakas, I. L. Anagnostopoulos, **I. D. Moscholios**, M. D. Logothetis and V. G. Stylianakis, “A Multirate Loss Model for OCDMA PONs”, *Proc. of 13th Int. Conference on Transparent Optical Networks, ICTON 2011*, Stockholm, Sweden, 26-30 June 2011.
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- C34. J. S. Vardakas, **I. D. Moscholios** and M. D. Logothetis, “An Analytical Study of an all-Optical Packet Switch with QoS Support”, *6th Advanced Int. Conf. on Telecommunications, AICT 2010*, Barcelona, Spain, 9-15 May 2010 (**best paper award**).
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- C28. V. G. Vassilakis, **I. D. Moscholios** and M. D. Logothetis, “Call-level Performance Modeling of Elastic and Adaptive Service-classes” *IEEE International Conference on Communications, ICC 2007*, Glasgow, U.K., 24-28 June 2007.

- C27. G. A. Kallos, V. G. Vassilakis, **I. D. Moscholios** and M. D. Logothetis, "Performance Modelling of W-CDMA Networks supporting Elastic and Adaptive Traffic", *Proc. 4th International Working Conference on Performance Modelling and Evaluation of Heterogeneous Networks (HET-NETs '06)*, Ilkley, West Yorkshire, U.K., 11-13 September 2006.
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- C25. V. G. Vassilakis, **I. D. Moscholios** and M. D. Logothetis, "The Extended Connection Dependent Threshold Model for Elastic and Adaptive Traffic", *Proc. of Communication Systems, Networks and Digital Signal Processing – 5th CSNDSP' 2006*, Patras, Greece, 19-21 July 2006.
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- C22. **I. D. Moscholios** and M. D. Logothetis, "Call-level blocking of ON-OFF traffic sources in a shared resource environment with batched Poisson arrival processes", *Proc. of 19th International Teletraffic Congress (ITC)*, Beijing, China, 29 August – 2 September 2005.
- C21. V. G. Vassilakis, **I. D. Moscholios** and M. D. Logothetis, "Evaluation of Multi-rate Loss Models for Elastic Traffic", *Proc. 3rd International Working Conference on Performance Modelling and Evaluation of Heterogeneous Networks (HET-NETs '05)*, Ilkley, West Yorkshire, U.K., 18-20 July 2005.
- C20. **I. D. Moscholios**, M. D. Logothetis and M. N. Koukias, "A State-Dependent Multi-Rate Loss Model of Finite Sources with QoS Guarantee for Wireless Networks", *2nd International Conference on Cybernetics and Information Technologies, Systems and Applications (CITSA 2005)*, Orlando, Florida, USA, July 14 - 17, 2005.
- C19. **I. D. Moscholios** and M. D. Logothetis, "The Connection Dependent Threshold Model in a fixed routing network", *5th International Network conference (INC 2005)*, Samos, Greece, 5th – 7th July 2005.
- C18. **I. D. Moscholios**, M. D. Logothetis and M. N. Koukias, "An ON-OFF Multi-Rate Loss Model with a Mixture of Service-Classes of Finite and Infinite Number of Sources", *Proc. IEEE International Conference on Communications, ICC 2005*, Seoul, Korea, 16-20 May 2005.
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- C16. M. D. Logothetis, **I. D. Moscholios** and G. K. Kokkinakis, "Improvement of the Connection Dependent Threshold Model with the aid of Reverse Transition Rates", *12th GI/ITG Conference on Measuring, Modelling and Evaluation of Computer and Communication Systems (MMB) and 3rd Polish-German Teletraffic Symposium (PGTS), MMB&PGTS 2004*, Dresden, Germany, 12-15 September 2004.
- C15. **I. D. Moscholios**, M. D. Logothetis and G. K. Kokkinakis, "A Multirate Batched Poisson Loss Model of ON-OFF traffic sources: Call-level performance

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- C14. **I. D. Moscholios** and M. D. Logothetis, “On Bandwidth Reservation in a Multirate Loss Model of Batched Poisson arrival processes”, *Proc. 2nd International Working Conference on Performance Modelling and Evaluation of Heterogeneous Networks (HET-NETs '04)*, Ilkley, West Yorkshire, U.K., 26-28 July 2004.
- C13. **I. D. Moscholios**, M. D. Logothetis and G. K. Kokkinakis, “The Generalized Max-Min Fairness Policy for Elastic Traffic based on Linear Programming”, *Proc. of Communication Systems, Networks and Digital Signal Processing – 4th CSNDSP' 2004*, Newcastle, U.K., 20-22 July 2004.
- C12. **I. D. Moscholios** and M. D. Logothetis, “Call-burst blocking of ON – OFF traffic sources under the bandwidth reservation policy”, *Proc. of Networking 2004 - 3rd IFIP-TC6 Networking Conference*, Athens, Greece, 9-14 May 2004, pp. 1408-1413.
- C11. **I. D. Moscholios** and M. D. Logothetis, “The Connection Dependent Threshold Model for finite sources – A Generalization of the Engset Multirate Loss Model”, *Proc. of Networking 2004 - 3rd IFIP-TC6 Networking Conference*, Athens, Greece, 9-14 May 2004, pp. 1414-1419.
- C10. **I. D. Moscholios**, P. I. Nikolaropoulos and M. D. Logothetis, “Call level blocking of ON-OFF traffic sources with retrials under the complete sharing policy”, *Proc. of 18th International Teletraffic Congress (ITC)*, Berlin, Germany, 31 August – 5 September 2003, pp. 811-820.
- C9. **I. D. Moscholios**, M. D. Logothetis, M. N. Koukias and P. I. Nikolaropoulos, “Call–Burst Blocking Probabilities in an ON-OFF Multi-Rate Loss Model of Quasi-Random Input”, *Proc. 1st International Working Conference on Performance Modelling and Evaluation of Heterogeneous Networks (HET-NETs '03)*, Ilkley, West Yorkshire, U.K., 21-23 July 2003.
- C8. **I. D. Moscholios**, M. D. Logothetis and P. I. Nikolaropoulos, “Call Blocking Probabilities in Multi-Rate State-Dependent Loss Models of Quasi-Random Input”, *Proc. 1st International Working Conference on Performance Modelling and Evaluation of Heterogeneous Networks (HET-NETs '03)*, Ilkley, West Yorkshire, U.K., 21-23 July 2003.
- C7. M. D. Logothetis, **I. D. Moscholios** and N. Kotzinos, “Network Simulation with Fair Bandwidth Allocation Policy and Centralized Path Bandwidth Control for Elastic Traffic”, *Proc. of 10th IEEE International Conference on Software, Telecommunications and Computer Networks – SOFTCOM 2002*, Split, Dubrovnik, Ancona, Venice, 8-11 October 2002, pp. 85-89.
- C6. M. D. Logothetis, **I. D. Moscholios** and G. K. Kokkinakis, "A Call Admission Control procedure incorporating a Fair Bandwidth Allocation Policy for telecom networks", *Proc. of Communication Systems, Networks and Digital Signal Processing – 3rd CSNDSP' 2002*, Staffordshire, U.K., 15-17 July 2002, pp. 407-410.
- C5. **I. D. Moscholios**, M. D. Logothetis and T. K. Liokos, "QoS Equalization in the Connection Dependent Threshold Model", *Proc. of Communication Systems, Networks and Digital Signal Processing - CSNDSP' 2002*, Staffordshire, U.K., 15-17 July 2002, pp. 442-445.
- C4. **I. D. Moscholios**, M. D. Logothetis and G. K. Kokkinakis, “A Parametric Linear Programming Model Describing Bandwidth Sharing Policies for ABR Traffic”, *Proc. 8th International Conference on Advances in Communication & Control, COMCON 8, Rethymna, Crete, Greece, 25-29 June 2001*, pp. 505-516.

- C3. **I. D. Moscholios** and M. D. Logothetis, “Call-level QoS assessment in ATM networks supporting elastic traffic”, *Proc. IEEE International Conference on Communications, ICC 2001, Helsinki, Finland*, 11-14 June 2001.
- C2. **I. D. Moscholios** and M. D. Logothetis, “Applicability of the extensions of the Erlang Multirate Loss Model on ABR services in ATM Networks”, *Proc. London Communication Symposium, London, U.K.*, 14-15 September 2000, pp. 123-126.
- C1. **I. D. Moscholios**, M. D. Logothetis and S. Katsakioris, “Connection Dependent Threshold Model: A Generalization of the Erlang Multirate Loss Model”, *Proc. 10th IFIP Workshop on Performance Modelling and Evaluation of ATM Networks*, Ilkley, West Yorkshire, U.K., 17-19 July 2000.

13 OTHER ACADEMIC ACTIVITIES

13.1 KEYNOTE SPEAKER

- 1. “Bandwidth Sharing Policies for 4G/5G Networks”, in the 6th Int. Conf. on Communications, Computation, Networks and Technologies (INNOV), Athens, Greece, 8-12 October 2017.

13.2 EDITORIAL BOARD MEMBER IN JOURNALS

- 1. International Journal on Advances in Telecommunications, IARIA.

13.3 GUEST OR ASSOCIATE EDITOR IN JOURNALS

- 10. **Associate Editor** in *IEICE Transactions on Communications*, Special issue on European ICT R&D Project Activities on Broadband Access Technologies in Conjunction with Main Topics of 2016/2017 IEICE ICT Forum, scheduled to be published in May 2019.
- 9. **Guest Editor** in *Mobile Information Systems* (together with Prof. M. Glabowski, Prof. P. Zwierzykowski and Dr. H. Gacanin), Annual special issue on Design, Dimensioning and Optimization of 4G/5G Wireless Communication Networks scheduled to be published in May 2018.
- 8. **Guest Editor** in *IET Communications*, (together with Prof. W. Gappmair and Prof. B. Adebisi), Special Issue on Satellite-Space Communications and Antennas, vol. 12, issue 1, January 2018.
- 7. **Guest Editor** in *IET Networks*, (together with Prof. M. Logothetis, Prof. V. Vassilakis and Dr. J. Vardakas), Special Issue on SDN and NFV based 5G Heterogeneous Networks, vol. 6, issue, 6, November 2017.
- 6. **Guest Editor** in *Mobile Information Systems* (together with Prof. M. Glabowski, Prof. P. Zwierzykowski and Dr. H. Gacanin), Special issue on Design, Dimensioning and Optimization of 4G/5G Wireless Communication Networks, 2017, <https://doi.org/10.1155/2017/8057275> .
- 5. **Guest Editor** in *Image Processing and Communications*, Special Issue on selected and revised papers of IEICE ICTF 2016, vol. 21, no. 2, 2016.
- 4. **Associate Editor** in *IEICE Transactions on Communications*, Special issue on European ICT R&D Project Activities on Broadband Access Technologies in Conjunction with Main Topics of 2015 IEICE ICT Forum, vol. E99, no. 6, June 2016.

3. **Guest Editor** in *IET Networks*, (together with Prof. M. Glabowski, Prof. P. Zwierzykowski and Prof. M. Logothetis), Special Issue on Network Resource Optimization with Emphasis on Optical Networks, vol. 5, issue 3, May 2016.
2. **Associate Editor** in *IEICE Transactions on Communications*, Special Issue on EU's FP7 ICT R&D Project Activities on Future Broadband Access Technologies in Conjunction with Main Topics of 2013 IEICE ICT Forum, vol. E97, no. 8, August 2014.
1. **Guest Editor** in *IET Networks*, (together with Prof. M. Glabowski and Prof. M. Logothetis), Special Issue on Teletraffic Engineering in Communications Systems, vol. 3, issue 1, March 2014.

13.4 CONFERENCE PROCEEDINGS EDITOR

4. 17th Int. Conference on Networks, ICN, 22-26 April 2018, Athens, Greece (in cooperation with E. Borcoci).
3. 9th Int. Conference on Emerging Networks and Systems Intelligence, EMERGING, 12-16 November 2017, Barcelona, Spain (in cooperation with: M. Leeson και P. Lorenz).
2. 6th Int. Conference on Communications, Computation, Networks and Technologies, INNOV, 8-12 October 2017, Athens, Greece (in cooperation with: K. Patriarcheas, A. Kaloxylos and I. Kottenko).
1. IEICE Information and Communications Technology Forum, ICTF 2016, 6-8 July 2016, Patras, Greece (in cooperation with Prof. M. Logothetis).

13.5 TECHNICAL PROGRAMME COMMITTEE CHAIR (TPC CHAIR)

4. TPC co-Chair in the 1st Colloquium on Communication Networks Optimization, co-located with 11th IEEE/IET CSNDSP, 18-20 July 2018, Budapest, Hungary.
3. TPC co-Chair in the IEICE Information and Communications Technology Forum, ICTF 2018, 11-13 July 2018, Graz, Austria.
2. TPC co-Chair in the IEICE Information and Communications Technology Forum, ICTF 2017, 4-6 July 2017, Poznan, Poland.
1. TPC Chair in the IEICE Information and Communications Technology Forum, ICTF 2016, 6-8 July 2016, Patras, Greece (together with Prof. M. Logothetis).

13.6 STEERING COMMITTEE MEMBER

3. International Conference on Emerging Networks and Systems Intelligence (EMERGING)
2. Advanced International Conference on Telecommunications (AICT)
1. International Conference on Digital Communications (ICDT)

13.7 TECHNICAL PROGRAMME COMMITTEE MEMBER (TPC MEMBER)

84. Panhellenic Conference on Electronics and Telecommunications (PACET), 8-9 November 2019, Volos, Greece.
83. 10th Int. Conf. on Optical Communications (Optics 2019), 26-28 July 2019, Prague, Czech Republic.

82. IEEE ICC 2019 (Technical Symposium of Communications QoS, Reliability and Modeling), 20-24 May 2019, Shanghai, China.
81. International Symposium on Advances in Software Defined Networking and Network Functions Virtualization, SOFTNETWORKING 2019, 24-28 March 2019, Valencia, Spain.
80. 3rd Int. Conf. Recent Advances in Signal Processing, Telecommunications and Computing (SigTelCom), 21-22 March 2019, Hanoi, Vietnam.
79. International conference on Computer Applications & Information Security, ICCAIS'2019. 19-21 March, 2019, Saudi Computer Society, Riyadh, Saudi Arabia.
78. IEEE GLOBECOM 2018 (Next Generation Networking and Internet), 9-13 December 2018, Abu Dhabi, United Arab Emirates.
77. IEEE GLOBECOM 2018 (Communication QoS, Reliability and Modeling), 9-13 December 2018, Abu Dhabi, United Arab Emirates.
76. 22nd Panhellenic Conference on Informatics, PCI 2018, 29 November – 1 December 2018, Athens, Greece.
75. 10th Int. Conference on Emerging Networks and Systems Intelligence, EMERGING 2018, 18-22 November 2018, Athens, Greece.
74. IEEE Int. Conf. Communitons, Networks and Satellite (Comnetsat) 2018, 14-17 November 2018, Medan, Indonesia.
73. Global Information Infrastructure and Networking Symposium (GIIS), 23-25 October 2018, Thessaloniki, Greece.
72. 9th Int. Conf. on Information and Communications Technology Convergence (ICTC 2018), 17-19 October 2018, Jeju Island, Korea.
71. Asia-Pacific Conf. on Geoscience, Electronics, and Remote Sensing Technology (AGERS 2018), 18-19 September 2018, Jakarta, Indonesia.
70. 4th Int. Symposium on Intelligent Systems Technologies and Applications, ISTA 2018, 19-22 September 2018, Bangalore, India.
69. 11th IEEE/IET Int. Symposium on Communication Systems, Networks and Digital Signal Processing, CSNDSP 2018, 18-20 July 2018, Budapest, Hungary.
68. IEEE 1st 5G World Forum (WF-5G' 18), 9-11 July 2018, Santa Clara, California, USA.
67. 23th IEEE Symposium on Computers and Communications, IEEE ISCC, 25-28 June 2018, Natal, Brazil.
66. IEEE VTC Fall 2018 (Recent Results and Workshops), 27-30 August 2018, Chicago, USA.
65. IEEE VTC Fall 2018 (Mobile Satellite Systems, Positioning and Navigation), 27-30 August 2018, Chicago, USA.
64. IEEE VTC Spring 2018 (Recent Results and Workshops), 3-6 June 2018, Porto, Portugal.
63. IEEE ICC 2018 (Technical Symposium of Communications QoS, Reliability and Modeling), 20-24 May 2018, Kansas City, USA.
62. International Symposium on Advances in Software Defined Networking and Network Functions Virtualization, SOFTNETWORKING 2018, 22-26 April 2018, Athens, Greece.
61. 32nd Int. Conf. on Information Networking (ICOIN), 10-12 January 2018, Chiang Mai, Thailand.

60. IEEE GLOBECOM 2017 (Next-Generation Networking and Internet), 4-8 December 2017, Singapore.
59. IEEE GLOBECOM 2017 (Communications QoS, Reliability and Modeling), 4-8 December 2017, Singapore.
58. Asia Pacific Microwave Conference (APMC), 13-16 November 2017, Kuala Lumpur, Malaysia.
57. 9th Int. Conference on Emerging Networks and Systems Intelligence, EMERGING 2017, 12-16 November 2017, Barcelona, Spain.
56. Int. Conference on Computer Intelligent Systems and Networking (ICCISN), 3-5 November 2017, Dubai, UAE.
55. IEEE Int. Conf. Communitions, Networks and Satellite (Comnetsat) 2017, 5-7 October 2017, Semarang, Indonesia.
54. 10th Int. Conference on Advances in Circuits, Electronics and Micro-electronics, CENICS 2017, 10-14 September 2017, Rome, Italy.
53. 2017 IEEE Industrial Electronics and Applications Conferences, IEACON, 30 July – 2 August 2017, Kuala Lumpur, Malaysia.
52. 22th IEEE Symposium on Computers and Communications, IEEE ISCC, 3-6 July 2017, Heraklion, Greece.
51. 3rd Int. Symposium on Intelligent Systems Technologies and Applications, ISTA 2017, 13-16 September 2017, Manipal, India.
50. 6th Int. Conference on Advances in Computing, Communications and Informatics, ICACCI 2017, 13-16 September 2017, Karnataka, India.
49. 13th Advanced International Conference on Telecommunications, AICT 2017, 25-29 June 2017, Venice, Italy.
48. IEEE ICC 2017 (Technical Symposium of Communications QoS, Reliability and Modeling), 21-25 May 2017, Paris, France.
47. 24rd International Conference on Telecommunications, ICT 2017, 3-5 May 2017, Limassol, Cyprus.
46. International Symposium on Advances in Software Defined Networking and Network Functions Virtualization, SOFTNETWORKING 2017, 23-27 April 2017, Venice, Italy.
45. 12th International Conference on Digital Communications, ICDT 2017, 23-27 April 2017, Venice, Italy.
44. World Symposium on Computer Applications & Research, WSCAR 2017, 2-4 April 2017, Istanbul, Turkey.
43. IEEE Int. Conf. Communitions, Networks and Satellite (Comnetsat) 2016, 8-10 December 2016, Surabaya, Indonesia.
42. IEEE GLOBECOM 2016 (Communications QoS, Reliability and Modeling), 4-8 December 2016, Washington, DC USA.
41. IEEE Industrial Electronics and Applications Conference (IEACon), 20-22 November 2016, Kota Kinabalu, Malaysia.
40. 20th Panhellenic Conference on Informatics, PCI 2016, 10-12 November 2016, Patras, Greece.
39. 5th Int. Conference on Advances in Computing, Communications and Informatics, ICACCI 2016, 21-24 September 2016, Jaipur, India.

38. 10th IEEE/IET Int. Symposium on Communication Systems, Networks and Digital Signal Processing, CSNDSP 2016, 20-22 July 2016, Prague, Czech Republic.
37. 21th IEEE Symposium on Computers and Communications, IEEE ISCC, 27-30 June 2016, Messina, Italy.
36. IEEE ICC 2016 (Technical Symposium of Communications QoS, Reliability and Modeling), 23-27 May 2016, Kuala Lumpur, Malaysia.
35. 12th Advanced International Conference on Telecommunications, AICT 2016, 22-26 May 2016, Valencia, Spain.
34. 23rd International Conference on Telecommunications, ICT 2016, 16-18 May 2016, Thessaloniki, Greece.
33. International Symposium on Advances in Software Defined Networking and Network Functions Virtualization, SOFTNETWORKING 2016, 21-25 February 2016, Lisbon, Portugal.
32. 11th International Conference on Digital Communications, ICDT 2016, 21-25 February 2016, Lisbon, Portugal.
31. 19th Panhellenic Conference on Informatics, PCI 2015, 1-3 October 2015, Athens, Greece.
30. 4th Int. Conference on Advances in Computing, Communications and Informatics, ICACCI 2015, 10-13 August 2015, Kerala, India.
29. 20th IEEE Symposium on Computers and Communications, IEEE ISCC, 6-9 July 2015, Larnaca, Cyprus.
28. 11th Advanced International Conference on Telecommunications, AICT 2015, 21-25 June 2015, Brussels, Belgium.
27. IEEE ICC 2015 (Technical Symposium of Communications QoS, Reliability and Modeling), 8-12 June 2015, London, U.K.
26. 10th International Conference on Digital Communications, ICDT 2015, 19-23 April 2015, Barcelona, Spain.
25. 19th IEEE Int. Workshop on Computer Aided Modeling and Design of Communication Links and Networks (Special Session on Radio-over-fiber access networks: Technologies and Architectures), CAMAD 2014, 1-3 December 2014, Athens, Greece.
24. 9th IEEE/IET Int. Symposium on Communication Systems, Networks and Digital Signal Processing, CSNDSP 2014, 23-25 July 2014, Manchester, U.K.
23. 10th Advanced International Conference on Telecommunications, AICT 2014, 20-24 July 2014, Paris, France.
22. 19th IEEE Symposium on Computers and Communications, IEEE ISCC, 23-26 June 2014, Madeira, Portugal.
21. 9th International Conference on Digital Communications, ICDT 2014, 23-27 February 2014, Nice, France.
20. 7th International Conference on Performance and Security Modelling and Evaluation of Cooperative Heterogeneous Networks (HetNets 2013), 11-13 November 2013, Ilkley, West Yorkshire, U.K.
19. 2nd European Teletraffic Seminar, ETS 2013, 30 September – 2 October 2013, Karlskrona, Sweden.
18. 18th IEEE Symposium on Computers and Communications, IEEE ISCC, 7-10 July 2013, Split, Croatia.

17. 9th Advanced International Conference on Telecommunications, AICT 2013, 23-28 June 2013, Rome, Italy.
16. 8th International Conference on Digital Communications, ICDT 2013, 22-26 April 2013, Venice, Italy.
15. 16th Panhellenic Conference on Informatics, PCI 2012, 5-7 October 2012, Piraeus, Greece.
14. IEEE Symposium on Wireless Technology and Applications, ISWTA 2012, 23-26 September 2012, Bandung, Indonesia.
13. 8th Advanced International Conference on Telecommunications, AICT 2012, 27 May – 1 June 2012, Stuttgart, Germany.
12. 15th Panhellenic Conference on Informatics, PCI 2011, 28 September – 2 October 2011, Kastoria, Greece.
11. 16th IEEE Symposium on Computers and Communications, IEEE ISCC, 28 June – 1 July 2011, Corfu, Greece.
10. 7th Advanced International Conference on Telecommunications, AICT 2011, 20-25 March 2011, St. Maarten, The Netherlands Antilles.
9. 14th Panhellenic Conference on Informatics, PCI 2010, 10-12 September 2010, Tripoli, Greece.
8. 2nd International Conference on Mobile Lightweight Wireless Systems, MOBILIGHT 2010, 10-12 May 2010, Barcelona, Spain.
7. 6th Advanced International Conference on Telecommunications, AICT 2010, 9-15 May 2010, Barcelona, Spain.
6. 4th International Conference on Internet Monitoring and Protection, ICIMP 2009, 24-28 May 2009, Venice, Italy.
5. 5th Advanced International Conference on Telecommunications, AICT 2009, 24-28 May 2009, Venice, Italy.
4. 1st International Conference on Mobile Lightweight Wireless Systems, MOBILIGHT 2009, 18-20 May 2009, Athens, Greece.
3. 3rd International Conference on Internet Monitoring and Protection, ICIMP 2008, 29 June – 5 July 2008, Bucharest, Romania.
2. 2nd International Conference on Internet Monitoring and Protection, ICIMP 2007, July 1-6 2007, Silicon Valley, USA.
1. International Conference on Internet Surveillance and Protection, ICISP 2006, 27-29 August 2006, Côte d’Azur, France.

13.8 CHAIRMAN

15. In the session entitled “**Colloquium on Communication Networks Optimization 4**”, of the *Communication Systems, Networks and Digital Signal Processing - CSNDSP’ 2018 conference*, Budapest, Hungary, 18-20 July 2018.
14. In session 3 of the IEICE ICTF, Poznan, Poland, 4-6 July 2017.

13. In the session entitled “**Teletraffic Models, Traffic Engineering and Network Optimization**” of the *Communication Systems, Networks and Digital Signal Processing - CSNDSP' 2016 conference*, Prague, Czech Republic, 20-22 July 2016.
12. In the session entitled “**SDN and NFV for Satellite Infrastructures**” of the IEICE ICTF, Patras, Greece, 6-8 July 2016.
11. In the session entitled “**Teletraffic**” of the IEICE ICTF, Patras, Greece, 6-8 July 2016.
10. In the session entitled “**Wireless Networks**” of the IEICE ICTF, Patras, Greece, 6-8 July 2016.
9. In the session, entitled “**Design, Modeling and Analysis of Network, Services and Systems**”, of the *19th IEEE CAMAD 2014*, Athens, Greece, 1-3 December 2014.
8. In the session, entitled “**Teletraffic Models, Traffic Engineering and Network Optimization**” of the *Communication Systems, Networks and Digital Signal Processing - CSNDSP' 2014 conference*, Manchester, U.K, 23-25 July 2014.
7. In the session, entitled “**Signal processing, protocols and standardization II**” of the *10th Advanced Int. Conf. on Telecommunications, AICT 2014*, Paris, France, 20-24 July 2014.
6. In the session, entitled “**Communications 2**” of the IEICE ICTF conference, Poznan, Poland, 28-30 May 2014.
5. In the session, entitled: “**Tools**” of the 2nd European Teletraffic Seminar, Karlskrona, Sweden, 30 September – 2 October 2013.
4. In the session, entitled: “**Human Centered Technologies**”, of the *9th Advanced Int. Conf. on Telecommunications, AICT 2013*, Rome, Italy, 23-28 June 2013.
3. In the session, entitled: “**Advanced Network Elements**” of the *4th Int. Conference on Emerging Network Intelligence, EMERGING 2012*, Barcelona, Spain, 23-28 September 2012.
2. In the session, entitled: “**Teletraffic Models, Traffic Engineering and Network Optimization**” of the *Communication Systems, Networks and Digital Signal Processing - CSNDSP' 2012 conference*, Poznan, Poland, 18-20 July 2012.
1. In the session, entitled: “**Teletraffic Models**” of the *Communication Systems, Networks and Digital Signal Processing - CSNDSP' 2006 conference*, Patras, Greece, 19-21 July 2006.

13.9 CONFERENCE SESSION ORGANISER

4. Of the session, entitled: “**Teletraffic Models, Traffic Engineering and Network Optimization**” of the *Communication Systems, Networks and Digital Signal Processing - CSNDSP' 2016 conference*, Prague, Czech Republic, 20-22 July 2016.
3. Of the session, entitled “**Teletraffic Models, Traffic Engineering and Network Optimization**” of the *Communication Systems, Networks and Digital Signal Processing - CSNDSP' 2014 conference*, Manchester, U.K, 23-25 July 2014.
2. Of the session entitled “**Teletraffic Models, Traffic Engineering and Network Optimization**” of the *Communication Systems, Networks and Digital Signal Processing - CSNDSP' 2012 conference*, Poznan, Poland, 18-20 July 2012.
1. Of the session entitled “**Teletraffic Models**” of the *Communication Systems, Networks and Digital Signal Processing - CSNDSP' 2006 conference*, Patras, Greece, 19-21 July 2006.