

ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

ΙΩΑΝΝΗΣ Δ. ΜΟΣΧΟΛΙΟΣ

ΑΝΑΠΛΗΡΩΤΗΣ ΚΑΘΗΓΗΤΗΣ

**Τμήμα Πληροφορικής και Τηλεπικοινωνιών
Πανεπιστήμιο Πελοποννήσου
Τρίπολη**

Νοέμβριος 2018

Δομή Παρουσίασης

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1 ΠΡΟΣΩΠΙΚΑ ΣΤΟΙΧΕΙΑ

Όνοματεπώνυμο: ΙΩΑΝΝΗΣ ΔΗΜΗΤΡΙΟΥ ΜΟΣΧΟΛΙΟΣ
Ημερομηνία γεννήσεως: 2 Ιανουαρίου 1976
Τόπος γεννήσεως: Αθήνα
Οικογενειακή κατάσταση: Έγγαμος
Επάγγελμα: Αναπληρωτής Καθηγητής
Διεύθυνση Εργασίας: Πανεπιστήμιο Πελοποννήσου
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2 ΣΠΟΥΔΕΣ

Οκτ. 2000 – Φεβ. 2005: Διδακτορικό Δίπλωμα Ηλεκτρολόγου Μηχανικού και Τεχνολογίας Υπολογιστών
Πανεπιστήμιο Πατρών
Διδακτορική Διατριβή: «Μοντέλα απωλειών κλήσεων πολυδιάστατης τηλεπικοινωνιακής κίνησης – Μοντέλα Κατωφλίων, Κλήσεων ON-OFF, Ομαδικών Κλήσεων»
(Επιβλέπων, Καθ. Μιχαήλ Λογοθέτης)

Σεπ. 1999 – Σεπ. 2000: Δίπλωμα Εξειδίκευσης στην Τεχνολογία Διαστημοπλοίων και τις Δορυφορικές Επικοινωνίες (MSc in Spacecraft Technology and Satellite Communications)
Κολέγιο του Πανεπιστημίου του Λονδίνου (University College London, UCL)
MSc Thesis: “An Efficient Power Amplifier Design using Doherty Technique”
(Επιβλέπων, Assistant Prof. Ahmad Khanifar)

Σεπ. 1994 – Σεπ. 1999: Δίπλωμα Ηλεκτρολόγου Μηχανικού και Τεχνολογίας Υπολογιστών (Λίαν Καλώς)
Πανεπιστήμιο Πατρών
Διπλωματική Εργασία: «Υπολογισμός Απωλειών και Βέλτιστη Κατανομή της κίνησης ABR σε Τηλεπικοινωνιακά Δίκτυα ATM Τεχνολογίας».
(Επιβλέπων, Καθ. Μιχαήλ Λογοθέτης)

3 ΕΡΕΥΝΗΤΙΚΑ ΕΝΔΙΑΦΕΡΟΝΤΑ

1. Δίκτυα 4^{ης}, 5^{ης} Γενιάς (Next Generation Networks, LTE, LTE-A, SDN, Small Cells, C-RAN), Ασύρματα Δίκτυα Πλέγματος, Δορυφορικά Δίκτυα.
2. Ανάλυση Πρωτοκόλλων και Αξιολόγηση Λειτουργίας Τηλεπικοινωνιακών Δικτύων.
3. Θεωρία Τηλεπικοινωνιακής Κινήσεως.
4. Διαχείριση της Κίνησης σε Τηλεπικοινωνιακά Δίκτυα.
5. Βελτιστοποίηση Δικτύων.
6. Προσομοίωση Τηλεπικοινωνιακών Δικτύων.
7. Πληροφοριοκεντρικά δίκτυα (Information Centric Networks).
8. Ασφάλεια Δικτύων.

4 ΕΠΑΓΓΕΛΜΑΤΙΚΗ ΕΜΠΕΙΡΙΑ

Οκτ. 2005 – Ιουν. 2009: **Core Network Engineer** στο τμήμα Core Network Planning της Vodafone Ελλάδος.

5 ΑΚΑΔΗΜΑΪΚΗ ΕΜΠΕΙΡΙΑ

Νοεμ. 2018-ΠΑΡΟΝ: **Αναπληρωτής Καθηγητής** στο τμήμα Πληροφορικής & Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου. Γνωστικό αντικείμενο θέσης: «Ανάλυση Επίδοσης Δικτυακών Πρωτοκόλλων». ΦΕΚ Διορισμού: τόμος Γ' 1316/07.11.2018.

Δεκ. 2016- Νοεμ. 2018: **Μόνιμος Επίκουρος Καθηγητής** στο τμήμα Πληροφορικής & Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου. Γνωστικό αντικείμενο θέσης: «Ανάλυση Επίδοσης Δικτυακών Πρωτοκόλλων». ΦΕΚ Μονιμοποίησης: τόμος Γ' 1264/12.12.2016.

Φεβ. 2013-Δεκ. 2016: **Επίκουρος Καθηγητής** στο τμήμα Πληροφορικής & Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου. Γνωστικό αντικείμενο θέσης: «Ανάλυση Επίδοσης Δικτυακών Πρωτοκόλλων». ΦΕΚ Διορισμού: τόμος Γ' 197/22.2.2013.

Ιουν. 2009-Φεβ. 2013: **Λέκτορας** στο τμήμα Επιστήμης & Τεχνολογίας Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου. Γνωστικό αντικείμενο θέσης: «Ανάλυση Επίδοσης Δικτυακών Πρωτοκόλλων». ΦΕΚ Διορισμού: τόμος Γ' 368/19.5.2009.

Οκτ. 2016-ΠΑΡΟΝ: **Συντονιστής** του μεταπτυχιακού μαθήματος **Εξειδικεύσεις Δικτύων και Επικοινωνιών**, ΠΛΣ-62, στα πλαίσια του μεταπτυχιακού προγράμματος σπουδών «Μεταπτυχιακή Εξειδίκευση στα Πληροφοριακά Συστήματα» της Σχολής Θετικών Επιστημών και Τεχνολογίας του Ελληνικού Ανοικτού Πανεπιστημίου (ΕΑΠ).

Οκτ. 2016-ΠΑΡΟΝ: **Συνεργαζόμενο Επιστημονικό Προσωπικό (ΣΕΠ)** στο ΕΑΠ. **Αυτοδύναμη διδασκαλία** του μεταπτυχιακού μαθήματος **Εξειδικεύσεις Δικτύων και Επικοινωνιών**, ΠΛΣ-62.

Οκτ. 2014- Ιουλ. 2015: **ΣΕΠ** στο ΕΑΠ. Διδασκαλία του μεταπτυχιακού μαθήματος **Εξειδικεύσεις Δικτύων και Επικοινωνιών**, ΠΛΣ-62.

Οκτ. 2013-Ιουλ. 2014: **ΣΕΠ** στο ΕΑΠ. Διδασκαλία του προπτυχιακού μαθήματος **Σύγχρονα Δίκτυα και Υπηρεσίες**, ΠΛΗ-36.

Οκτ. 2012-Ιουλ. 2013: **ΣΕΠ** στο ΕΑΠ. Διδασκαλία του προπτυχιακού μαθήματος **Σύγχρονα Δίκτυα και Υπηρεσίες**, ΠΛΗ-36.

Οκτ. 2010-Ιουλ. 2011: **ΣΕΠ** στο ΕΑΠ. Διδασκαλία του μεταπτυχιακού μαθήματος **Εξειδικεύσεις Δικτύων και Επικοινωνιών**, ΠΛΣ-62.

6 ΣΥΜΜΕΤΟΧΗ ΣΕ ΕΡΕΥΝΗΤΙΚΑ ΠΡΟΓΡΑΜΜΑΤΑ

Ιαν. 2012 – Δεκ. 2014: **Ερευνητής** στο ερευνητικό πρόγραμμα ΑΡΧΙΜΗΔΗΣ της Γενικής Γραμματείας Έρευνας και Τεχνολογίας, με θέμα «Ανάπτυξη Πρωτοκόλλων προσπέλασης για υβριδικά οπτικά-ασύρματα δίκτυα με παροχή ποιότητας υπηρεσιών». Αγγλικός τίτλος: “Development of QoS-aware access Protocols for Hybrid Optical-Wireless Networks, PHOWN”.

Νοέμ.2005 – Δεκ.2008: **Ερευνητής** στο ερευνητικό πρόγραμμα της Γενικής Γραμματείας Έρευνας και Τεχνολογίας ΠΕΝΕΔ 2003, με θέμα «Εξασφάλιση της ποιότητας εξυπηρέτησης των υπηρεσιών του Διαδικτύου σε ασύρματες ζεύξεις IEEE 802.11e: Επινόηση μηχανισμού για χρονοπρογραμματισμό της ροής δεδομένων – Μοντέλα απωλειών τηλεπικοινωνιακής κίνησης σε ασύρματα δίκτυα».

Δεκ. 2003 – Δεκ. 2004: **Ερευνητής** στο ερευνητικό πρόγραμμα ΚΑΡΑΘΕΟΔΩΡΗ της Επιτροπής Ερευνών του Πανεπιστημίου Πατρών με τίτλο «ΠΕΔΙΑΔΑ-εγγύηση της Ποιότητας Εξυπηρέτησης των υπηρεσιών του ΔΙΑδικτύου σε Ασύρματες ζεύξεις IEEE 802.11e: Έλεγχος Αποδοχής Κλήσεως & Υπολογισμός Απωλειών».

Μαρ. 1999 – Οκτ.2001: **Ερευνητής** στο ερευνητικό πρόγραμμα ΚΑΡΑΘΕΟΔΩΡΗ της Επιτροπής Ερευνών του Πανεπιστημίου Πατρών με τίτλο «Υπολογισμός Απωλειών και Βέλτιστη Κατανομή της Κίνησης ABR σε Τηλεπικοινωνιακά Δίκτυα Τεχνολογίας ATM».

7 ΔΙΔΑΚΤΙΚΗ – ΕΚΠΑΙΔΕΥΤΙΚΗ ΕΜΠΕΙΡΙΑ

7.1 ΚΥΡΙΑ – ΩΣ ΑΝΑΠΗΡΩΤΗΣ ΚΑΘΗΓΗΤΗΣ (ΠΑΝ. ΠΕΛΟΠΟΝΝΗΣΟΥ)

Οκτ. 2018– Φεβ. 2019: Αυτοδύναμη διδασκαλία του μεταπτυχιακού μαθήματος “**Large scale statistical methods**”, στα πλαίσια του μεταπτυχιακού προγράμματος σπουδών “MSc in Data Science”, Παν. Πελοποννήσου – ΕΚΕΦΕ Δημόκριτος.

Νοεμ. 2018-ΠΑΡΟΝ: Αυτοδύναμη διδασκαλία του μεταπτυχιακού μαθήματος **Εξειδικεύσεις Δικτύων και Επικοινωνιών**, ΠΛΣ-62, ως Συντονιστής της ΠΛΣ-62 στο ΕΑΠ.

Φεβ. 2019-ΠΑΡΟΝ: Συνδιδασκαλία με τον Αν. Καθηγητή κ. Α. Καλόξυλο του μεταπτυχιακού μαθήματος **Σύγχρονα και Μελλοντικά Δίκτυα Επικοινωνιών** στα πλαίσια του μεταπτυχιακού προγράμματος σπουδών «Σύγχρονες Ασύρματες Επικοινωνίες».

Νοεμ. 2018-ΠΑΡΟΝ: Αυτοδύναμη διδασκαλία του προπτυχιακού μαθήματος 2^{ου} εξαμήνου: **Πιθανότητες & Στατιστική**.

Νοεμ. 2018-ΠΑΡΟΝ: Αυτοδύναμη διδασκαλία του προπτυχιακού μαθήματος 5^{ου} εξαμήνου: **Δίκτυα Επικοινωνιών II**.

Νοεμ. 2018-ΠΑΡΟΝ: Αυτοδύναμη διδασκαλία του προπτυχιακού μαθήματος 6^{ου} εξαμήνου: **Στοχαστικά Μοντέλα Δικτύων & Ανάλυση Απόδοσης.**

7.2 ΚΥΡΙΑ – ΩΣ ΕΠΙΚΟΥΡΟΣ ΚΑΘΗΓΗΤΗΣ (ΠΑΝ. ΠΕΛΟΠΟΝΝΗΣΟΥ)

Οκτ. 2017– Νοεμ. 2018: Αυτοδύναμη διδασκαλία του μεταπτυχιακού μαθήματος “**Large scale statistical methods**”, στα πλαίσια του μεταπτυχιακού προγράμματος σπουδών “MSc in Data Science”, Παν. Πελοποννήσου – ΕΚΕΦΕ Δημόκριτος.

Οκτ. 2016– Νοεμ. 2018: Αυτοδύναμη διδασκαλία του μεταπτυχιακού μαθήματος **Εξειδικεύσεις Δικτύων και Επικοινωνιών**, ΠΛΣ-62, ως Συντονιστής της ΠΛΣ-62 στο ΕΑΠ.

Φεβ. 2016 – Σεπ. 2016: Αυτοδύναμη διδασκαλία του μεταπτυχιακού μαθήματος **Προχωρημένα Θέματα Δικτύων** στα πλαίσια του μεταπτυχιακού προγράμματος σπουδών «Προηγμένα Τηλεπικοινωνιακά Συστήματα και Δίκτυα», Παν. Πελοποννήσου.

Οκτ. 2014 – Ιουλ. 2015: Διδασκαλία του μεταπτυχιακού μαθήματος **Εξειδικεύσεις Δικτύων και Επικοινωνιών**, ΠΛΣ-62, ως ΣΕΠ στο ΕΑΠ.

Φεβ. 2014 – Σεπ. 2014: Αυτοδύναμη διδασκαλία του μεταπτυχιακού μαθήματος **Προχωρημένα Θέματα Δικτύων** στα πλαίσια του μεταπτυχιακού προγράμματος σπουδών «Προηγμένα Τηλεπικοινωνιακά Συστήματα και Δίκτυα», Παν. Πελοποννήσου.

Οκτ. 2013 – Ιουλ. 2014: Διδασκαλία του προπτυχιακού μαθήματος **Σύγχρονα Δίκτυα και Υπηρεσίες**, ΠΛΗ-36, ως ΣΕΠ στο ΕΑΠ.

Φεβ. 2013 – Σεπ. 2013: Συνδιδασκαλία με τον Καθηγητή κ. Α. Μπουκουβάλα του μεταπτυχιακού μαθήματος **Προχωρημένα Θέματα Δικτύων** στα πλαίσια του μεταπτυχιακού προγράμματος σπουδών «Προηγμένα Τηλεπικοινωνιακά Συστήματα και Δίκτυα».

Φεβ. 2014– Νοεμ. 2018: Αυτοδύναμη διδασκαλία του προπτυχιακού μαθήματος 2^{ου} εξαμήνου: **Πιθανότητες & Στατιστική.**

Φεβ. 2013– Νοεμ. 2018: Αυτοδύναμη διδασκαλία του προπτυχιακού μαθήματος 5^{ου} εξαμήνου: **Δίκτυα Επικοινωνιών II.**

Φεβ. 2013– Νοεμ. 2018: Αυτοδύναμη διδασκαλία του προπτυχιακού μαθήματος 6^{ου} εξαμήνου: **Στοχαστικά Μοντέλα Δικτύων & Ανάλυση Απόδοσης.**

Φεβ. 2013 – Σεπ. 2014: Αυτοδύναμη διδασκαλία του προπτυχιακού μαθήματος 8^{ου} εξαμήνου: **Τεχνικές Προσομοίωσης Δικτύων Επικοινωνιών.**

7.3 ΚΥΡΙΑ – ΩΣ ΛΕΚΤΟΡΑΣ (ΠΑΝ. ΠΕΛΟΠΟΝΝΗΣΟΥ)

Οκτ. 2012-Ιουλ. 2013: Διδασκαλία του προπτυχιακού μαθήματος **Σύγχρονα Δίκτυα και Υπηρεσίες**, ΠΛΗ-36, ως ΣΕΠ στο ΕΑΠ.

Οκτ. 2010- Ιουλ. 2011: Διδασκαλία του μεταπτυχιακού μαθήματος **Εξειδικεύσεις Δικτύων και Επικοινωνιών**, ΠΛΣ-62, ως ΣΕΠ στο ΕΑΠ.

Φεβ. 2010 – Φεβ. 2013: Αυτοδύναμη διδασκαλία του προπτυχιακού μαθήματος 6^{ου} εξαμήνου: **Στοχαστικά Μοντέλα Δικτύων & Ανάλυση Απόδοσης.**

Φεβ. 2010 – Φεβ. 2013: Αυτοδύναμη διδασκαλία του προπτυχιακού μαθήματος 8^{ου} εξαμήνου: **Τεχνικές Προσομοίωσης Δικτύων Επικοινωνιών.**

Σεπ. 2009 – Φεβ. 2013: Αυτοδύναμη διδασκαλία του προπτυχιακού μαθήματος 5^{ου} εξαμήνου: **Δίκτυα Επικοινωνιών II**.

Σεπ. 2009 – Φεβ. 2013: Συνδιδασκαλία με τον Καθηγητή κ. Α. Μπουκουβάλα του μεταπτυχιακού μαθήματος **Προχωρημένα Θέματα Δικτύων** στα πλαίσια του μεταπτυχιακού προγράμματος σπουδών «Προηγμένα Τηλεπικοινωνιακά Συστήματα και Δίκτυα».

8 ΕΠΙΣΤΗΜΟΝΙΚΕΣ ΒΡΑΒΕΥΣΕΙΣ

6. Βραβείο καλύτερης εργασίας σε συνέδριο
P. I. Panagoulis, **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, (βλ. Δημοσιεύσεις παρακάτω, **Σ92**).
5. Βραβείο καλύτερης εργασίας σε συνέδριο
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2. «ΠΕΔΙΑΔΑ-εγγύηση της Ποιότητας Εξυπηρέτησης των υπηρεσιών του ΔΙΑΔικτύου σε Ασύρματες ζεύξεις IEEE 802.11e: Έλεγχος Αποδοχής Κλήσεως & Υπολογισμός Απωλειών»
Μ. Λογοθέτης, Ι. Βαρδάκας, **I. Μοσχολιός** και Β. Βασιλάκης
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1. «Υπολογισμός Απωλειών και Βέλτιστη Κατανομή της Κίνησης ABR σε Τηλεπικοινωνιακά Δίκτυα Τεχνολογίας ATM»
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Τελική έκθεση, Οκτώβριος 2001.

10 ΜΕΛΟΣ ΕΠΙΣΤΗΜΟΝΙΚΩΝ ΣΥΛΛΟΓΩΝ

2. IARIA Fellow
1. Τεχνικό Επιμελητήριο Ελλάδας (ΤΕΕ)

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- Σ73. V. G. Vassilakis, **I. D. Moscholios**, B. A. Alzahrani and M. D. Logothetis, “On the Security of Software-Defined Next Generation Cellular Networks”, *Proc. of IEICE Information and Communication Technology Forum (ICTF)*, Patras, Greece, 6-8 July 2016.
- Σ72. V. G. Vassilakis, **I. D. Moscholios**, B. A. Alzahrani and M. D. Logothetis, “A Software-Defined Architecture for Next-Generation Cellular Networks”, *Proc. of IEEE ICC 2016*, Kuala Lumpur, Malaysia, 23-27 May 2016.
- Σ71. P. G. Sarigiannidis, M. D. Louta, G. I. Papadimitriou, **I. D. Moscholios**, A. C. Boucouvalas and D. Kleftouris, “Alleviating the High Propagation Delays in FiWi Networks: A Prediction-based DBA Scheme for 10G-EPON-WiMAX Systems”, *Proc. of 5th Int. Workshop on Fiber Optics in Access Networks, FOAN 2015*, Brno, Czech Republic, 6-8 October 2015.
- Σ70. **I. D. Moscholios**, V. G. Vassilakis, G. A. Kallos and M. D. Logothetis, “Performance analysis of CDMA-based networks with interference cancellation, for batched Poisson traffic under the bandwidth reservation policy”, *Proc. of 13th Int. Conference on Telecommunications, ConTEL 2015*, Graz, Austria, 13-15 July 2015.
- Σ69. V. G. Vassilakis, B. A. Alohal, **I. D. Moscholios** and M. D. Logothetis, “Mitigating Distributed Denial-of-Service Attacks in Named Data Networking”, *Proc. of 11th Advanced Int. Conf. on Telecommunications, AICT*, Brussels, Belgium, 21-26 June 2015.
- Σ68. **I. D. Moscholios**, M. D. Logothetis, A. C. Boucouvalas and V. G. Vassilakis, “An Erlang Multirate Loss Model Supporting Elastic Traffic under the Threshold Policy”, *Proc. of IEEE ICC 2015*, London, U.K., 8-12 June 2015.
- Σ67. **I. D. Moscholios**, M. D. Logothetis, A. C. Boucouvalas and V. G. Vassilakis, “Call Blocking Probabilities of Multirate Elastic Traffic under the Threshold and Bandwidth Reservation Policies”, *Proc. of IEICE Information and Communication Technology Forum (ICTF)*, Manchester, U.K., 3-5 June 2015.
- Σ66. V. G. Vassilakis, **I. D. Moscholios** and M. D. Logothetis, “Performance Evaluation of Priority-Based CDMA Systems in the Presence of Multirate Poisson Traffic”, *Proc. of IEICE Information and Communication Technology Forum (ICTF)*, Manchester, U.K., 3-5 June 2015.
- Σ65. V. G. Vassilakis, **I. D. Moscholios**, A. Bontozoglou and M. D. Logothetis, “Mobility – Aware QoS Assurance in Software – Defined Radio Access Networks: An analytical study”, *Proc. of IEEE Int. Workshop on Software Defined 5G Networks*, London, U.K., 17 April 2015.
- Σ64. V. G. Vassilakis, **I. D. Moscholios**, J. S. Vardakas and M. D. Logothetis, “Handoff Modeling in Cellular CDMA with Finite Sources and State-Dependent Bandwidth Requirements”, *Proc. of IEEE CAMAD 2014*, Athens, Greece, 1-3 December 2014.
- Σ63. **I. D. Moscholios**, M. D. Logothetis and M. N. Koukias, “The Erlang Multirate Loss Model under the Threshold and Bandwidth Reservation Policies”, *Proc. of IEEE-IET International Symposium on Communication Systems, Networks and Digital Signal Processing – 9th CSNDSP’ 2014*, Manchester, U.K., 23-25 July 2014.
- Σ62. V. G. Vassilakis, M. F. AL-Naday, M. J. Reed, B. A. Alzahrani, Kun Yang, **I. D. Moscholios** and M. D. Logothetis, “A cache-aware routing scheme for information-centric networks”, *Proc. of IEEE-IET International Symposium on Communication*

- Systems, Networks and Digital Signal Processing – 9th CSNDSP' 2014*, Manchester, U.K, 23-25 July 2014.
- Σ61. **I. D. Moscholios**, M. A. Katsiva, G. A. Kallos, V. G. Vassilakis and M. D. Logothetis, “Equalization of Congestion Probabilities in a W-CDMA Cell Supporting Calls of Finite Sources With Interference Cancellation”, *Proc. of IEEE-IET International Symposium on Communication Systems, Networks and Digital Signal Processing – 9th CSNDSP' 2014*, Manchester, U.K, 23-25 July 2014.
- Σ60. 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 (**best paper award**).
- Σ59. M. D. Logothetis, J. S. Vardakas and **I. D. Moscholios**, “Performance Evaluation of a Dynamic Wavelength Allocation Protocol in WDM-TDM PONs Servicing Pareto ON–OFF Traffic”, *Proc. 16th Int. Conference on Transparent Optical Networks (ICTON)*, Graz, Austria, 6-10 July 2014 (**invited paper**).
- Σ58. M. D. Logothetis, J. S. Vardakas and **I. D. Moscholios**, “Performance Evaluation of PON Technologies”, *Proc. of 16th Int. Conference on Transparent Optical Networks (ICTON)*, Graz, Austria, 6-10 July 2014 (**invited paper**).
- Σ57. **I. D. Moscholios**, G. A. Kallos, M. A. Katsiva, V. G. Vassilakis and M. D. Logothetis, “Call Blocking Probabilities in a W-CDMA cell with interference cancellation and bandwidth reservation”, *Proc. of IEICE Information and Communication Technology Forum (ICTF)*, Poznan, Poland, 28-30 May 2014.
- Σ56. **I. D. Moscholios**, V. G. Vassilakis, J. S. Vardakas and M. D. Logothetis, “Multirate Retry Loss Models Supporting Elastic Traffic of Quasi-Random Input”, *Proc. of IEICE Information and Communication Technology Forum (ICTF)*, Poznan, Poland, 28-30 May 2014.
- Σ55. M. D. Logothetis and **I. D. Moscholios**, “Teletraffic Models Beyond Erlang”, 10th Int. Conference ELEKTRO 2014, University of Zilina, Slovakia, 19-20 May 2014 (**invited paper**).
- Σ54. **I. D. Moscholios**, G. A. Kallos, V. G. Vassilakis, M. D. Logothetis and M. N. Koukias, “Congestion Probabilities in W-CDMA networks supporting calls of finite sources”, *Proc. of HETNETs 2013*, Ilkley, West Yorkshire, U.K, 11-13 November 2013.
- Σ53. 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.
- Σ52. **I. D. Moscholios**, V. G. Vassilakis, M. D. Logothetis and M. N. Koukias, “QoS Equalization in a Multirate Loss Model of Elastic and Adaptive Traffic with Retrials”, *5th Int. Conference on Emerging Network Intelligence, EMERGING 2013*, Porto, Portugal, 29 September – 4 October 2013.
- Σ51. **I. D. Moscholios**, M. D. Logothetis, V. G. Stylianakis and J. S. Vardakas, “The Priority Wavelength Release Protocol for Dynamic Wavelength Allocation in WDM-TDMA PONs Supporting Random and Quasi-Random Bursty Traffic”, *Proc. of 18th European Conference on Networks and Optical Communications, NOC 2013*, Graz, Austria, 10-12 July 2013.
- Σ50. **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 (**best paper award**).

- Σ49. **I. D. Moscholios** and M. D. Logothetis, “Call-level Performance Analysis of Wired and Wireless Networks”, Tutorial in *4th Int. Conference on Emerging Network Intelligence, EMERGING 2012*, Barcelona, Spain, 23-28 September 2012.
- Σ48. **I. D. Moscholios**, J. S. Vardakas, M. D. Logothetis and M. N. Koukias, “A Quasi-random Multirate loss model supporting elastic and adaptive traffic”, *Proc. of 4th Int. Conference on Emerging Network Intelligence, EMERGING 2012*, Barcelona, Spain, 23-28 September 2012.
- Σ47. **I. D. Moscholios**, J. S. Vardakas, M. D. Logothetis and A. C. Boucouvalas, “Derivatives of Blocking Probabilities in Multirate Access Tree Networks”, *Proc. of IEEE International Symposium on Communication Systems, Networks and Digital Signal Processing – 8th CSNDSP' 2012*, Poznan, Poland, 18-20 July 2012.
- Σ46. 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.
- Σ45. **I. D. Moscholios**, V. G. Vassilakis, J. S. Vardakas and M. D. Logothetis, “Call Blocking Probabilities of Elastic and Adaptive Traffic with Retrials”, *Proc. of 8th Advanced Int. Conf. on Telecommunications, AICT 2012*, Stuttgart, Germany, 27 May-1 June 2012.
- Σ44. **I. D. Moscholios**, J. S. Vardakas, M. D. Logothetis and A. C. Boucouvalas, “QoS Guarantee in a Batched Poisson Multirate Loss Model Supporting Elastic and Adaptive Traffic”, *Proc. of IEEE ICC 2012*, Ottawa, Canada, 10-15 June 2012.
- Σ43. J. S. Vardakas, **I. D. Moscholios**, M. D. Logothetis and V. G. Stylianakis, “Blocking performance of Multi-rate OCDMA PONs”, *Proc. of 3rd Int. Conference on Emerging Network Intelligence, EMERGING 2011*, Lisbon, Portugal, 20-25 November 2011.
- Σ42. 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.
- Σ41. J. S. Vardakas, **I. D. Moscholios**, M. D. Logothetis, V. G. Stylianakis and F. Röck, “Evaluation of Dynamic Wavelength Allocation Scenarios in WDM-TDMA PONs Servicing ON-OFF Traffic of Finite Sources”, *Proc. of 11th Int. Conference on Telecommunications, ConTEL 2011*, Graz, Austria, 15-17 June 2011.
- Σ40. **I. D. Moscholios**, J. S. Vardakas, M. D. Logothetis and A. C. Boucouvalas, “A Batched Poisson Multirate Loss Model Supporting Elastic Traffic under the Bandwidth Reservation Policy”, *Proc. of IEEE International Conference on Communications, ICC 2011*, Kyoto, Japan, 5-9 June 2011.
- Σ39. **I. D. Moscholios**, V. G. Vassilakis, J. S. Vardakas and M. D. Logothetis, “Retry loss models supporting elastic traffic”, *Proc. of 1st European Teletraffic Seminar*, Poznan, Poland, 14-16 February 2011.
- Σ38. **I. D. Moscholios**, V. G. Vassilakis, M. D. Logothetis and A. C. Boucouvalas, “Blocking Equalization in the Erlang Multirate Loss Model for Elastic Traffic”, *Proc. of 2nd Int. Conference on Emerging Network Intelligence, EMERGING 2010*, Florence, Italy, 25-30 October 2010.
- Σ37. F. Röck, J. S. Vardakas, **I. D. Moscholios**, M. D. Logothetis, and E. Leitgeb “A Simple Analytical Model for the Calculation of Packet Blocking Probability in an Optical Packet Switching Network”, *Proc. of PCI 2010 - 14th Panhellenic Conference on Informatics*, Tripolis, Greece, 10-12 September 2010.

- Σ36. **I. D. Moscholios**, J. S. Vardakas, M. D. Logothetis and A. C. Boucouvalas, “QoS Guarantee in the Erlang Multirate Loss Model based on Derivatives of Blocking probabilities”, *Proc. of IEEE International Symposium on Communication Systems, Networks and Digital Signal Processing – 7th CSNDSP' 2010*, Newcastle, U.K., 21-23 July 2010.
- Σ35. J. S. Vardakas, **I. D. Moscholios** and M. D. Logothetis, “ON-OFF Traffic Models for a Hybrid TDM-WDM PON with Dynamic Wavelength Allocation”, *Proc. of IEEE International Symposium on Communication Systems, Networks and Digital Signal Processing – 7th CSNDSP' 2010*, Newcastle, U.K., 21-23 July 2010.
- Σ34. 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**).
- Σ33. V. G. Vassilakis, G. A. Kallos, **I. D. Moscholios** and M. D. Logothetis, “Evaluation of a Call Admission Control Scheme in W-CDMA Cellular Networks”, *Proc. of Communication Systems, Networks and Digital Signal Processing – 6th CSNDSP' 2008*, Graz, Austria, 23-25 July 2008.
- Σ32. V. G. Vassilakis, G. A. Kallos, **I. D. Moscholios** and M. D. Logothetis, “On the Handoff- Call Blocking Probability Calculation in W-CDMA Cellular Networks”, *4th Advanced Int. Conf. on Telecommunications, AICT 2008*, Athens, Greece, 8-13 June 2008.
- Σ31. V. G. Vassilakis, G. A. Kallos, **I. D. Moscholios** and M. D. Logothetis, “Call-Level Analysis of W-CDMA Networks Supporting Elastic Services of Finite Population”, *IEEE ICC 2008*, Beijing, China, 19-23 May 2008.
- Σ30. V. G. Vassilakis, G. A. Kallos, **I. D. Moscholios** and M. D. Logothetis, “The Wireless Engset Multi-Rate Loss Model for the Call-level Analysis of W-CDMA Networks”, *Proc. of 18th Annual IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC 07*, Athens, Greece, 3-7 September 2007.
- Σ29. M. D. Logothetis and **I. D. Moscholios**, “Call level Multi-Rate Teletraffic Loss Models”, Tutorial in *2nd International Conference on Digital Telecommunications, ICDT 2007*, Silicon Valley, USA, 1-6 July 2007, available at: <http://www.wcl.ee.upatras.gr/m-logo/papers/TUTORIAL-TeletrafficModels.ppt>
- Σ28. 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.
- Σ27. 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.
- Σ26. V. G. Vassilakis, **I. D. Moscholios**, M. D. Logothetis and J. S. Vardakas, “Call-level Multi-rate Loss Models for Elastic Traffic”, *45th FITCE Congress*, 30 August – 2 September 2006, Athens, Greece.
- Σ25. 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.
- Σ24. **I. D. Moscholios**, M. D. Logothetis and G. K. Kokkinakis, “A Simplified Blocking Probability Calculation in the Retry Loss Models for Finite Sources”, *Proc. of*

- Communication Systems, Networks and Digital Signal Processing – 5th CSNDSP' 2006*, Patras, Greece, 19-21 July 2006.
- Σ23. V. G. Vassilakis, **I. D. Moscholios** and M. D. Logothetis, “Evaluation of Multi-rate Loss Models for Elastic and Adaptive Services”, *12th Polish Teletraffic Symposium 2005*, Poznan, Poland, 19-20 September 2005.
- Σ22. **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.
- Σ21. 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.
- Σ20. **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.
- Σ19. **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.
- Σ18. **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.
- Σ17. **I. D. Moscholios** and M. D. Logothetis, “An ON-OFF multirate loss model of Poisson traffic under the bandwidth reservation policy”, *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.
- Σ16. 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.
- Σ15. **I. D. Moscholios**, M. D. Logothetis and G. K. Kokkinakis, “A Multirate Batched Poisson Loss Model of ON-OFF traffic sources: Call-level performance evaluation”, *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.
- Σ14. **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.
- Σ13. **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.
- Σ12. **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.

- Σ11. **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.
- Σ10. **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.
- Σ9. **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.
- Σ8. **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.
- Σ7. 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.
- Σ6. 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.
- Σ5. **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.
- Σ4. **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.
- Σ3. **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*.
- Σ2. **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.
- Σ1. **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.

12 ΑΛΛΕΣ ΑΚΑΔΗΜΑΪΚΕΣ ΔΡΑΣΤΗΡΙΟΤΗΤΕΣ

12.1 ΚΕΝΤΡΙΚΟΣ ΟΜΙΑΗΤΗΣ (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.

12.2 ΜΕΛΟΣ ΣΕ EDITORIAL BOARD ΠΕΡΙΟΔΙΚΟΥ

1. International Journal on Advances in Telecommunications, IARIA.

12.3 GUEST/ASSOCIATE EDITOR ΣΕ ΠΕΡΙΟΔΙΚΟ

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* (M. Glabowski, H. Gacanin, I. Moscholios and P. Zwierzykowski), 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*, (W. Gappmair, I. Moscholios and B. Adebisi), Special Section on Satellite-Space Communications and Antennas, vol. 12, issue 1, January 2018.
7. **Guest Editor** in *IET Networks*, (M. Logothetis, I. Moscholios, V. Vassilakis and 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* (M. Glabowski, H. Gacanin, I. Moscholios and P. Zwierzykowski), 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*, (M. Glabowski, I. Moscholios, P. Zwierzykowski and 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*, (M. Glabowski, I. Moscholios and M. Logothetis), Special Issue on Teletraffic Engineering in Communications Systems, vol. 3, issue 1, March 2014.

12.4 ΕΠΙΜΕΛΕΙΑ ΕΚΔΟΣΗΣ ΠΡΑΚΤΙΚΩΝ ΣΥΝΕΔΡΙΟΥ (EDITOR)

4. 17th Int. Conference on Networks, ICN, 22-26 April 2018, Athens, Greece (σε συνεργασία με τον E. Borcoci).
3. 9th Int. Conference on Emerging Networks and Systems Intelligence, EMERGING, 12-16 November 2017, Barcelona, Spain (σε συνεργασία με τους: M. Leeson και P. Lorenz).
2. 6th Int. Conference on Communications, Computation, Networks and Technologies, INNOV, 8-12 October 2017, Athens, Greece (σε συνεργασία με τους: Κ. Πατριάρχεια, Α. Καλόξυλο και I. Kotenko).
1. IEICE Information and Communications Technology Forum, ICTF 2016, 6-8 July 2016, Patras, Greece (σε συνεργασία με τον καθ. Μ. Λογοθέτη).

12.5 ΠΡΟΕΔΡΕΥΩΝ ΤΕΧΝΙΚΗΣ ΕΠΙΤΡΟΠΗΣ ΣΥΝΕΔΡΙΟΥ (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).

12.6 ΜΕΛΟΣ ΟΡΓΑΝΩΤΙΚΗΣ ΕΠΙΤΡΟΠΗΣ ΣΥΝΕΔΡΙΩΝ (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)

12.7 ΜΕΛΟΣ ΤΕΧΝΙΚΗΣ ΕΠΙΤΡΟΠΗΣ ΣΥΝΕΔΡΙΩΝ (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. Communitons, 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. Communitons, 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.

12.8 ΠΡΟΕΔΡΕΥΩΝ ΣΥΝΕΔΡΙΑΣΕΩΝ ΣΕ ΣΥΝΕΔΡΙΑ (CHAIRMAN)

15. Στην συνεδρίαση με θέμα “**Colloquium on Communication Networks Optimization 4**”, του *Communication Systems, Networks and Digital Signal Processing - CSNDSP' 2018 conference*, Budapest, Hungary, 18-20 July 2018.
14. Στην 3^η συνεδρίαση του IEICE ICTF, Poznan, Poland, 4-6 July 2017.
13. Στην συνεδρίαση με θέμα “**Teletraffic Models, Traffic Engineering and Network Optimization**” του *Communication Systems, Networks and Digital Signal Processing - CSNDSP' 2016 conference*, Prague, Czech Republic, 20-22 July 2016.
12. Στην συνεδρίαση με θέμα “**SDN and NFV for Satellite Infrastructures**” του IEICE ICTF conference, Patras, Greece, 6-8 July 2016.
11. Στην συνεδρίαση με θέμα “**Teletraffic**” του IEICE ICTF conference, Patras, Greece, 6-8 July 2016.
10. Στην συνεδρίαση με θέμα “**Wireless Networks**” του IEICE ICTF conference, Patras, Greece, 6-8 July 2016.
9. Στην συνεδρίαση με θέμα “**Design, Modeling and Analysis of Network, Services and Systems**”, του *19th IEEE CAMAD 2014*, Athens, Greece, 1-3 December 2014.

8. Στην συνεδρίαση με θέμα **“Teletraffic Models, Traffic Engineering and Network Optimization”** του *Communication Systems, Networks and Digital Signal Processing - CSNDSP' 2014 conference*, Manchester, U.K., 23-25 July 2014.
7. Στην συνεδρίαση με θέμα **“Signal processing, protocols and standardization II”** του *the 10th Advanced Int. Conf. on Telecommun., AICT*, Paris, France, 20-24 July 2014.
6. Στην συνεδρίαση με θέμα **“Communications 2”** του *IEICE ICTF conference*, Poznan, Poland, 28-30 May 2014.
5. Στην συνεδρίαση με θέμα **“Tools”** του *2nd European Teletraffic Seminar*, Karlskrona, Sweden, 30 September – 2 October 2013.
4. Στην συνεδρίαση με θέμα **“Human Centered Technologies”** του *9th Advanced Int. Conf. on Telecommunications, AICT 2013*, Rome, Italy, 23-28 June 2013.
3. Στην συνεδρίαση με θέμα **“Advanced Network Elements”** του *4th Int. Conference on Emerging Network Intelligence, EMERGING 2012*, Barcelona, Spain, 23-28 Sept. 2012.
2. Στην συνεδρίαση με θέμα **“Teletraffic Models, Traffic Engineering and Network Optimization”** του *Communication Systems, Networks and Digital Signal Processing – CSNDSP*, Poznan, Poland, 18-20 July 2012.
1. Στην συνεδρίαση με θέμα **“Teletraffic Models”** του *Communication Systems, Networks and Digital Signal Processing - CSNDSP*, Patras, Greece, 19-21 July 2006.

12.9 ΣΥΝΔΙΟΡΓΑΝΩΣΗ ΣΥΝΕΔΡΙΑΣΕΩΝ ΣΥΝΕΔΡΙΩΝ (SESSIONS ORGANISER)

4. Συνδιοργάνωση της συνεδρίασης με θέμα: **“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. Συνδιοργάνωση της συνεδρίασης με θέμα: **“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. Συνδιοργάνωση της συνεδρίασης με θέμα: **“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. Συνδιοργάνωση της συνεδρίασης με θέμα: **“Teletraffic Models”** of the *Communication Systems, Networks and Digital Signal Processing - CSNDSP' 2006 conference*, Patras, Greece, 19-21 July 2006.