Βασίλης Μάγκλαρης (3/2/2020)

Ομότιμος Καθηγητής Ε.Μ.Π.
- Σχολή Ηλεκτρολόγων Μηχανικών & Μηχανικών Υπολογιστών (ΣΗΜΜΥ)
- Τομέας Επικοινωνιών, Ηλεκτρονικής & Συστημάτων Πληροφορικής
- Εργαστήριο Διαχείρισης & Βέλτιστου Σχεδιασμού Δικτύων Τηλεματικής (NETwork Management & Optimal DEsign – NETMODE Laboratory)

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ΣΠΟΥΔΕΣ

1979	Ph.D., Electrical Engineering & Computer Science, Columbia University, Νέα Υόρκη, ΗΠΑ
1975	Master of Science, Electrical Engineering & Computer Science, Polytechnic University, Brooklyn, Νέα Υόρκη, ΗΠΑ
1974	Δίπλωμα Μηχανολόγου Ηλεκτρολόγου Μηχανικού, Ε.Μ.Π.

ΣΤΑΔΙΟΔΡΟΜΙΑ

2020-σήμερα	Ομότιμος Καθηγητής, Εθνικό Μετσόβιο Πολυτεχνείο
1993-2019	Καθηγητής, Εθνικό Μετσόβιο Πολυτεχνείο
1989-1993	Αναπληρωτής Καθηγητής, Εθνικό Μετσόβιο Πολυτεχνείο
1987-1989	Αναπληρωτής Καθηγητής (Associate Professor - Tenured), Polytechnic University, Brooklyn, New York, ΗΠΑ
1981-1987	Επίκουρος Καθηγητής (Assistant Professor), Polytechnic University, Brooklyn, New York, ΗΠΑ
1979-1981	Μηχανικός Δικτύων Τηλεματικής, Network Analysis Corporation, Great Neck, New York

ΚΥΡΙΕΣ ΘΕΣΕΙΣ ΕΥΘΥΝΗΣ (1990-2019)

1995-2019	Διευθυντής του Εργαστηρίου Διαχείρισης & Βέλτιστου Σχεδιασμού Δικτύων Τηλεματικής (Network Management & Optimal Design Laboratory – NETMODE), Σχολή Ηλεκτρολόγων Μηχανικών & Μηχανικών Υπολογιστών Ε.Μ.Π.
2014-2016	Διευθυντής του Τομέα Επικοινωνιών, Ηλεκτρονικής & Συστημάτων Πληροφορικής, Σχολή Ηλεκτρολόγων Μηχανικών & Μηχανικών Υπολογιστών Ε.Μ.Π.
2012-2013	Γενικός Γραμματέας Έρευνας & Τεχνολογίας (ΓΓΕΤ) (*με αναστολή καθηκόντων από το Ε.Μ.Π.*) Απολογισμός της θητείας: http://www.netmode.ntua.gr/gget/2013.pdf
2010-2014	Συντονιστής του Ευρωπαϊκού Ερευνητικού Έργου NOVI - Network innovations Over Virtualized Infrastructures, Πρόγραμμα Έρευνας & Τεχνολογικής Ανάπτυξης Ευρωπαϊκής Επιτροπής FP7, *Future Internet Research & Experimentation* (FIRE)
2004-2012	Πρόεδρος του Φορέα Διοίκησης του Πανευρωπαϊκού Δικτύου GÉANT (*Εκλεγμένος για 3 θητείες από τους επικεφαλής των 37 Εθνικών Ερευνητικών & Εκπαιδευτικών Δικτύων – NRENs του ευρύτερου Ευρωπαϊκού χώρου*)
2010-2011	Εμπειρογνώμονας της Ευρωπαϊκής Επιτροπής για τη Στρατηγική Διευρωπαϊκών και Εθνικών Ακαδημαϊκών Ερευνητικών Δικτύων (GÉANT Expert Group).
2004-2010	Μέλος Δ.Σ. του Ερευνητικού Πανεπιστημιακού Ινστιτούτου Συστημάτων Επικοινωνιών & Υπολογιστών (ΕΠΙΣΕΥ) του Ε.Μ.Π.
1995-2005	Επίτροπος στην Εθνική Επιτροπή Τηλεπικοινωνιών & Ταχυδρομείων (ΕΕΤΤ) *(2 θητείες)*
2002-2004	Συντονιστής Ευρωπαϊκού Προγράμματος SEEREN - South Eastern European Research & Education Networking (*διαδικτύωση των Εθνικών Ακαδημαϊκών & Ερευνητικών Δικτύων της Νοτιοανατολικής Ευρώπης στο Πανευρωπαϊκό Δίκτυο GÉANT μέσω του ΕΔΕΤ*)
1998-2004	Ιδρυτικός Πρόεδρος Ελληνικού Ερευνητικού & Εκπαιδευτικού Δικτύου ΕΔΕΤ /GRNET (*τεχνολογικός φορέας της ΓΓΕΤ για την παροχή προηγμένων δικτυακών υποδομών και υπηρεσιών στα ΑΕΙ, ΤΕΙ, Ερευνητικά Κέντρα και το Σχολικό Δίκτυο*)
1998-2004	Αντιπρόεδρος της Συγκλητικής Επιτροπής Ηλεκτρονικών Υπολογιστών & Δικτύων του Ε.Μ.Π.

1993-2004	Υπεύθυνος Ιδρυματικού έργου Δικτύου Τηλεματικής Ε.Μ.Π. (*Σχεδιασμός, Επίβλεψη Εγκατάστασης & Λειτουργίας Ενοποιημένου Δικτύου Φωνής –Δεδομένων, Ευθύνη Λειτουργίας Κέντρου Δικτύων - ΚΕΔ*)
1996-2002	Μέλος της Διακομματικής Επιτροπής της Βουλής των Ελλήνων για την Διασφάλιση του Απορρήτου των Τηλεπικοινωνιών ως ανεξάρτητος εμπειρογνώμων *(2 θητείες)*
1998-2000	Υπεύθυνος Ιδρυματικού έργου Τηλεκπαίδευσης (*Σχεδιασμός, Επίβλεψη Εγκατάστασης & Ευθύνη Λειτουργίας Κέντρου Πολυμέσων-Τηλεδιασκέψεων, κτίριο Κεντρικής Βιβλιοθήκης Ε.Μ.Π.*)
1995-1998	Εθνικός Εκπρόσωπος Προγράμματος Έρευνας & Τεχνολογικής Ανάπτυξης Ευρωπαϊκής Επιτροπής σε θέματα Τηλεματικών Εφαρμογών
1994-1998	Υπεύθυνος έργου Εθνικό Δίκτυο Έρευνας & Τεχνολογίας – ΕΔΕΤ/ GRNET (*Σχεδιασμός, Επίβλεψη Εγκατάστασης και Πιλοτική Λειτουργία Δικτύου εθνικής και διεθνούς διασύνδεσης ΑΕΙ, ΤΕΙ & Ερευνητικών Κέντρων της χώρας*)
1994-1996	Διευθύνων Σύμβουλος του Εθνικού Ιδρύματος Ερευνών (ΕΙΕ): Ερευνητικά Ινστιτούτα (6), Βιβλιοθήκη ΕΙΕ, Εθνικό Κέντρο Τεκμηρίωσης
1990-1998	Αναπληρωτής Διευθυντής του Ερευνητικού Πανεπιστημιακού Ινστιτούτου Συστημάτων Επικοινωνιών & Υπολογιστών (ΕΠΙΣΕΥ) του Ε.Μ.Π.

ΑΛΛΕΣ ΔΡΑΣΤΗΡΙΟΤΗΤΕΣ ΠΡΙΝ ΤΗΝ ΕΠΙΣΤΡΟΦΗ ΣΤΗΝ ΕΛΛΑΔΑ (ενδεικτικά):

1984-1988	Οργάνωση & Διδασκαλία Μαθημάτων Ανάλυσης & Σχεδιασμού Δικτύων στο Εκπαιδευτικό Κέντρο του Ομίλου STET (μετέπειτα Telecom Italia), *Scuola Superiore Gugliemo Reiss Romoli,* L' Aquila, Italy (*3 περίοδοι μαθημάτων*)
1983-1987	Οργάνωση & Διδασκαλία Μαθημάτων Συνεχιζόμενης Εκπαίδευσης σε Δίκτυα Επικοινωνιών, *AT&T Bell Laboratories* (Holmdel & Whippany, New Jersey)
1980-1981	Εμπειρογνώμονας του *Υπουργείου Δικαιοσύνης* των *ΗΠΑ* για την απελευθέρωση των Αμερικανικών Τηλεπικοινωνιών – υπόθεση *AT&T Divestiture* (ανάθεση μέσω της *Network Analysis Corporation*)

ΕΡΕΥΝΗΤΙΚΑ ΕΝΔΙΑΦΕΡΟΝΤΑ:

Διαχείριση δικτύων τηλεματικής, στατιστικές μέθοδοι μηχανικής μάθησης (Machine Learning), ανάλυση τηλεπικοινωνιακής κίνησης, μοντέλα και πρωτόκολλα Internet νέας γενιάς, τεχνικές παροχής πόρων - υπηρεσιών σε δίκτυα και κατανεμημένα συστήματα πληροφορικής (Cloud Computing), διαχείριση ασφάλειας δικτύων και κατανεμημένων συστημάτων, αλγόριθμοι βέλτιστου σχεδιασμού δικτύων, ανάλυση τηλεπικοινωνιακών αγορών.

ΔΙΔΑΣΚΑΛΙΑ ΣΤΟ Ε.Μ.Π.:

Προπτυχιακά: (1) Διαχείριση Δικτύων - Ευφυή Δίκτυα 9^{ου} εξαμήνου, (2) Συστήματα Αναμονής 6^{ου} εξαμήνου, (3) Στοχαστικά Συστήματα & Τηλεπικοινωνίες 4^{ου} εξαμήνου

Μεταπτυχιακά: (1) Δίκτυα Προστιθέμενης Αξίας – Ηλεκτρονικό Εμπόριο,
(2) Επικοινωνίες Video, (3) Απελευθέρωση & Ρύθμιση Τηλεπικοινωνιών

Διατμηματικό Πρόγραμμα Μεταπτυχιακών Σπουδών - Επιστήμη Δεδομένων & Μηχανική Μάθηση: (1) Στοχαστικές Διεργασίες & Βελτιστοποίηση στη Μηχανική Μάθηση

ΚΥΡΙΟΣ ΕΠΙΒΛΕΠΩΝ ΔΙΔΑΚΤΟΡΙΚΩΝ:

Διδάκτορες Ε.Μ.Π.

1. Γιάννος Κρύφτης, "*Διαχείριση δικτύων του internet του μέλλοντος: πολιτικές διαχείρισης σε ομοσπονδίες από προηγμένα δικτυακά περιβάλλοντα,*" Ιούλιος 2017

2. Κωνσταντίνος Γιώτης, "*Εικονικές Δικτυακές Υπηρεσίες για την Παρακολούθηση και Ασφάλεια Δικτύων Οριζόμενων από Λογισμικό,*" Απρίλιος 2016

3. Χρήστος Αργυρόπουλος, "*Υπηρεσίες Διαχείρισης, Ελέγχου και Προώθησης Δεδομένων σε Περιβάλλοντα Εικονικής Δικτύωσης Οριζόμενης από Λογισμικό (SDN),*" Ιούνιος 2014

4. Κωνσταντίνος Τρούλος, "*Οπτικές Υποδομές Δικτύων Πρόσβασης Νέας Γενιάς: Στρατηγικές Δημοτικής Ανάμειξης,*" Φεβρουάριος 2012

5. Αθανάσιος Μώραλης, "*Αρχιτεκτονική Ασφαλείας για Κατανεμημένες Εφαρμογές Πλέγματος Ευαίσθητες σε Χρόνο Απόκρισης,*" Μάρτιος 2011

6. Άγγελος Λένης, "*Εύρεση Ανθεκτικών Διαδρομών σε Δίκτυα Πολλαπλών Διαχειριστικών Περιοχών,*" Ιούνιος 2010

7. Χρήστος Σιατερλής, " *Σύνθετη Ανίχνευση Ανωμαλιών για Διαχείριση Ασφάλειας στο Διαδίκτυο,*" Δεκέμβριος 2006

8. Γεώργιος Κουτέπας, "*Συνεργατικό Σύστημα Αντιμετώπιση Κατανεμημένων Επιθέσεων Άρνησης Υπηρεσίας σε Περιβάλλον Πολλαπλών Διαχειριστικών Περιοχών,*" Μάιος 2006

9. Αθανάσιος Λιακόπουλος, "*Παροχή Ποιότητας Υπηρεσίας για Εξυπηρέτηση Κίνησης Υψηλής Προτεραιότητας σε Δίκτυα Μεταγωγής Πακέτων IP,*" Δεκέμβριος 2005

10. Μαρία Γραμματικού, "*Κατανεμημένο Πληροφοριακό Σύστημα Υγείας σε Περιβάλλον* Internet," Φεβρουάριος 2002

11. Παναγιώτης Αστήθας, " *Ανίχνευση Επιθέσεων σε Δίκτυα Υπολογιστών*," Μάιος 2001

12. Χρήστος Στάθης, " *Φαινόμενα Μακράς Μνήμης στο Τηλεπικοινωνιακό Φορτίο του Ίντερνετ και Επίδραση στις Επιδόσεις του Δικτύου*," Μάρτιος 2000

13. Τρύφων Χιώτης, "*Διαχείριση Ποιότητας Υπηρεσιών σε Δίκτυα Επικοινωνιών Υψηλών Επιδόσεων*," Μάιος 1998

14. Φώτης Σταματελόπουλος, "*Αρχιτεκτονικές και Επιδόσεις Ενοποιημένης Διαχείρισης Δικτύων, Συστημάτων & Εφαρμογών σε Περιβάλλοντα Internet*," Απρίλιος 1998

Ph.D. - Polytechnic University

1. Jeong-Key Min, "*Flow and Congestion Control of Interconnected Networks*," January 1991

2. Dragomir Dimitrijevic, "*Routing in Multi-Domain Networks*," June 1990

3. Theodoros Spirtos, "*Performance Evaluation in Fast-Switched Networks*," June 1989

4. Chang-Hao Zhou, "*Adaptive Control for Two-Level Routing in Packet Switched Computer Networks,*" June 1985

ΚΥΡΙΟΣ ΕΠΙΒΛΕΠΩΝ ΕΝΕΡΓΩΝ ΥΠΟΨΗΦΙΩΝ ΔΙΔΑΚΤΟΡΩΝ (2019):

1. Μαρίνος Δημολιάνης, "*Μέθοδοι Παρακολούθησης (Monitoring), Αποθήκευσης & Ανάλυσης Μεγάλου Όγκου Δεδομένων*"

2. Νικόλαος Κωστόπουλος, "*Μηχανισμοί Ανίχνευσης & Αντιμετώπισης Μαζικών Δικτυακών Επιθέσεων,*"

3. Δημήτριος Πανταζάτος, "*Ανίχνευση και Συντονισμένη Αντιμετώπιση Επιθέσεων σε Δίκτυα Internet Πολλαπλών Διαχειριστικών Περιοχών με Εργαλεία Στατιστικής Συσχέτισης Δεδομένων (Big Data Analytics & Correlations)*"

4. Αδάμ Παυλίδης, "*Διαχείριση Δικτύων Ορισμένων από Λογισμικό – OpenFlow Software Defined Networks*"

5. Αθανάσιος Δουίτσης, "*Ασφάλεια Δικτύων – Ανίχνευση Επιθέσεων*"

ΠΑΡΟΥΣΙΑΣΕΙΣ ΩΣ ΠΡΟΣΚΕΚΛΗΜΕΝΟΣ ΟΜΙΛΗΤΗΣ
(επιλογή, 2007 - σήμερα)

Παρουσιάσεις σε Διεθνείς Συναντήσεις

- "Recent NETMODE Activities on Internet Research & Experimentation: Testbeds, Federated e-Infrastructures, Network Security & SDN/NFV", Advanced Networks Colloquium, Institute for Systems Research - University of Maryland, USA, September 2017

- "Future Internet Activities at NTUA: Federated Testbed Projects," Future Networking Solutions Outreach Workshop, EIT – ICT Labs Budapest, Hungary, Dec. 2014

- "Federating Data Centers & Future Internet Testbeds across Greek Universities", Workshop on Future Internet Developments in Greece, Future Internet Week, Athens, Greece, March 2014.

- "NOVI: Networking innovations Over Virtualized Infrastructures", GENI Engineering Conference – GEC 18, Brooklyn, New York - USA, October 2013

- "Federated Testbeds for Future Internet Research: The NOVI Experience & NREN/GÉANT Potential," GENI Engineering Conference – GEC 14, Boston, Massachusetts - USA, July 2012

- "NOVI Experimental Research in Federated Future Internet Infrastructures", EU-Japan Workshop on Experimental Future Internet Research, Future Internet Week, Aalborg, Denmark, May 2012

- "Federated Virtualized Infrastructures & Future INTERNET Research: The NOVI Experience", IEEE CloudCom - NETCLOUD Workshop, Athens, Greece, November 2011

- "Federated Virtualized Infrastructures & Future INTERNET Research: European National Research & Education Networks - NRENs/GÉANT supporting FEDERICA & NOVI Future Internet Initiatives", CATT-NYU.Poly, Brooklyn N.Y., USA, October 2011

- "The Future Internet is Present in Europe: Role of Research & Education Networks (NRENs) & GÉANT", APAN 31st Meeting, Hong Kong, China, February, 2011

- "The Future of GÉANT: The Future Internet is Present in Europe", GÉANT Symposium 2010, Vienna, Austria, November 2010

- "Future Internet Experiments over National Research & Education Networks: The Use Cases of FEDERICA & NOVI over European NRENs - GÉANT", APAN 30th Meeting, Hanoi Vietnam, August 2010

- "Supporting e-Science in the ERA & Beyond: The Experience of the GÉANT - NREN Federation", Meeting of Chairs of Major Research Related Organizations, European Commission, DG Research, Brussels, July 2010

- "Trans-Atlantic Cooperation on Experimental Research towards the Future Internet," Trans-Atlantic Cooperation on Research Network Infrastructures Strategic Workshop, Vilnius, Lithuania, June 2010

- "GÉANT as a Research Infrastructure: Interconnecting NRENs in Europe & Beyond," EU - India Workshop on Research Infrastructures, Indian National Science Academy, New Delhi, India, January 2010

- "GÉANT: Interconnecting NRENs in Europe & Beyond," Chinese Academy of Science - EU Workshop on Research e-Infrastructures, Beijing, China, November 2009

- "FEDERICA: A Consortium Based on NREN – GÉANT Infrastructures Supporting Future Internet Research," e-Infrastructures for e-Science: 7th Concertation Meeting , Brussels, October 2009

- "Interconnected NRENs in Europe & GÉANT: Mission & Governance Issues," e-Infrastructures for e-Science: 7th Concertation Meeting , Brussels, October 2009

- "Next Generation Network Innovations in Europe: The NREN - GEANT Perspective & FEDERICA", 2nd EU-Japan Cooperation Forum on ICT Research, Brussels, July 2009.

- "National Research & Education Networking in Europe & GÉANT: A RI Success & its Global Mission," European Conference on Research Infrastructures, Versailles, France, December 2008

- "GÉANT3 Strategy: Planning Next Generation Research & Education Networking in Europe", Internet2 Member Meeting, New Orleans LA, USA, October 2008

- "GÉANT3:Next Generation Networking in Europe", CESNET 08 Conference, Prague, Czech Republic, September 2008

- "Is there Life after GEANT2?" Internet2 Members Meeting, Arlington VA, USA, April 2008

- "GÉANT3 - European R&E Networking after 2008", NORDUnet Conference, Helsinki Finland, April 2008

- "What should come after GÉANT2 ?", Bled Conference on GÉANT2: A Global Leader, Slovenia, March 2008

- "What are National Research & Education Networks and why they are important", EUMED Event, Brussels, October 2007

- "Next Generation Networking in Europe: GEANT3 and FEDERICA", e-IRG Workshop, Lisbon Portugal, October 2007

- "Keynote Speech on GEANT2", 10th IFIP - IEEE Integrated Management Symposium, Munich Germany, May 2007

- "European e-Infrastructures for Networking Research: The FEDERICA Concept", TERENA European Future Networking Initiatives Workshop, Amsterdam Netherlands, February 2007

Παρουσιάσεις σε Ελληνικό Ακροατήριο

- "ΕΔΕΤ - Σύντομη Αναδρομή στο Παρελθόν", 20 χρόνια ΕΔΕΤ – Συμπόσιο Ψηφιακής Τεχνολογίας, Αθήνα, Νοέμβριος 2018

- "ΤΕΧΝΟΛΟΓΙΕΣ ΓΥΡΩ ΑΠΟ ΤΟ INTERNET, Προπτυχιακά Μαθήματα Δικτύων της ΣΗΜΜΥ Ε.Μ.Π., Ερευνητικές Δραστηριότητες Εργαστηρίου NETMODE" , Παρουσίαση σε Μαθητές 2ου Πειραματικού Γενικού Λυκείου Αθηνών, Ε.Μ.Π., Ζωγράφου, Μάρτιος 2018

- "Οι Ευφυείς Πόλεις στο Πλαίσιο της Εθνικής Στρατηγικής RIS3 (Research & Innovation Strategy for Smart Specialization): Προτάσεις Ομάδας Εργασίας Ε.Μ.Π.," Σεμινάριο της Ερμούπολης για την Κοινωνία της Πληροφορίας, Σύρος, Ιούλιος 2016

- "Περιφερειακή Ανάπτυξη της Χώρας γύρω από την Έρευνα και την Καινοτομία - Νέα Προγραμματική Συμφωνία 2014-2020," Ημερίδα Χρηματοδοτικές Δυνατότητες για Νέες Καινοτόμες Επιχειρήσεις, Ε.Μ.Π., Ζωγράφου, Απρίλιος 2013

- "Η Ελλάδα Καινοτομεί: Ελληνικές δράσεις για την Εκμετάλλευση και Εμπορευματοποίηση Ερευνητικών προτάσεων, HORIZON 2020, Δημιουργία Clusters: Ευκαιρίες και Προοπτικές," Ημερίδα Απονομής Βραβείων Καινοτομίας, ΙΤΕ, Ηράκλειο, Ιούνιος 2013

- "Ο Ερευνητικός Ιστός της Χώρας προς το 2020: Η Ελληνική & Ευρωπαϊκή Εμπειρία των Ακαδημαϊκών - Ερευνητικών Δικτύων Τηλεματικής," Ημερίδα ΠΟΣΔΕΠ, ΟΣΕΠ- ΤΕΙ, ΕΕΙ, Αθήνα, Φεβρουάριος 2012

- "Ερευνητικές Διαστάσεις στο Internet του Μέλλοντος - το Κοινοτικό Ερευνητικό Πρόγραμμα NOVI," Cisco Expo, Αθήνα, Απρίλιος 2010

- "Ανάπτυξη & Λειτουργία Υποδομών Εξομοίωσης (Emulation) για Κατανεμημένες Διεθνείς Δράσεις περί το INTERNET Νέας Γενιάς", Ημερίδα Διεθνείς Πλατφόρμες Τηλεπικοινωνιών & Καινοτόμες Δράσεις, Θεσσαλονίκη, Σεπτέμβριος 2008

- "Ευρωπαϊκές & Παγκόσμιες Πρωτοβουλίες στα Ακαδημαϊκά - Ερευνητικά Δίκτυα", Ημερίδα για την παρουσίαση του Δικτύου Νέας Γενιάς ΕΔΕΤ3, Αθήνα, Δεκέμβριος 2007

- "Το INTERNET στην Εποχή της Παγκοσμιοποίησης: Παρελθόν, Παρόν & Μέλλον", Ημερίδα για τα 170 Χρόνια Ε.Μ.Π., Αθήνα, Δεκέμβριος 2007.

- "Η Συμβολή των Πανεπιστημιακών Δικτύων στη Διαμόρφωση του Internet Νέας Γενιάς: Το Παράδειγμα του GÉANT", 1ο Πανελλήνιο Συνέδριο Φοιτητών Ηλεκτρολόγων Μηχανικών & Μηχανικών Υπολογιστών, Αθήνα, Μάιος 2007

ΔΗΜΟΣΙΕΥΣΕΙΣ (επιλογή με βάση Google Scholar)

Σύνολο Αναφορών (Citations): **3989**, h-index: **25**
http://scholar.google.com/citations?user=Uy75JHQAAAAJ

Άρθρα σε Διεθνή Επιστημονικά Περιοδικά

[J1]   Y. Kryftis, M. Grammatikou, D. Kalogeras and V. Maglaris, "Policy-Based Management for Federation of Virtualized Infrastructures", *Journal of Network & Systems Management*, Springer, June 2016.

[J2]   K. Giotis, G. Androulidakis and V. Maglaris, "A Scalable Anomaly Detection and Mitigation Architecture for Legacy Networks via an OpenFlow Middlebox", *Security and Communication Networks*, Wiley, October 2015.

[J3]   V. Maglaris, C. Papagianni, G. Androulidakis, M. Grammatikou, P. Grosso, J. van der Ham, C. de Laat, B. Pietrzak, B. Belter, J. Steger, S. Laki, M. Campanella and S. Sallent, "Toward a Holistic Federated Future Internet Experimentation Environment: The Experience of NOVI Research and Experimentation", *IEEE Communications Magazine*, Vol. 53, No. 7, pp. 136-147, July 2015.

[J4]   K. Giotis, C. Argyropoulos, G. Androulidakis, D. Kalogeras, V. Maglaris, "Combining OpenFlow and sFlow for an Effective and Scalable Anomaly Detection and Mitigation Mechanism on SDN Environments," *Computer Networks*, Vol. 62, No.7, pp. 122-136, April 2014.

[J5]   J. van der Ham, J. Stéger, S. Laki, Y. Kryftis, V. Maglaris and C. de Laat, "The NOVI Information Models," in *Future Generation Computer Systems* (Elsevier, http://dx.doi.org/10.1016/j.future.2013.12.017), Dec. 2013.

[J6]   C. Papagianni, A. Leivadeas, S. Papavassiliou, V. Maglaris, C. Cervello-Pastor and A. Monje, "On the Optimal Allocation of Virtual Resources in Cloud Computing Networks," *IEEE Transactions on Computers*, Vol.62, No.6, pp.1060,1071, June 2013.

[J7]   L. Lymberopoulos, M. Grammatikou, M. Potts, P. Grosso, A. Fekete, B. Belter, M. Campanella and V. Maglaris, "NOVI Tools and Algorithms for Federating Virtualized Infrastructures," Future Internet – From Technological Promises to Reality, *Springer Lecture Notes in Computer Science*, pp. 213-224, 2012.

[J8]   L. Lymberopoulos, C. Pittaras, M. Grammatikou, S. Papavassiliou and V. Maglaris, "PLATON: Peer-to-Peer load adjusting tree overlay networks," in *Springer Peer-to-Peer Networking and Applications*, Volume 5, Number 2, pp. 125-142, 2012.

[J9]   K. Troulos and V. Maglaris, "Factors determining municipal broadband strategies across Europe," *Journal of Telecommunications Policy*, Vol. 35, Issue 9-10, pp. 842-856, October - November 2011.

[J10]   V. Pouli, C. Marinos, M. Grammatikou, S. Papavassiliou & V. Maglaris: "A Service Oriented SLA Management Framework For Grid Environments," *International Journal of Systems and Service-Oriented Engineering*, Vol.1 , No. 3, pp. 21-38, July-September, IGI Global, 2010.

[J11]   K. Troulos, V. Merekoulias and V. Maglaris, "A Business Model for Municipal FTTH/B Networks: The Case of Rural Greece," in *Info Magazine*, Vol. 12 Issue 3, pp.73 - 89, 2010.

[J12] A. Lenis, V. Merekoulias and V. Maglaris, "Designing Connection Oriented Networks for Multi-Domain Path Resilience," in *Journal of Network and Systems Management,* DOI 10.1007/s10922-009-9155-z, Jan. 2010.

[J13] V. Myroni, A. Pombortsis and V. Maglaris, "Innovative Design Issues of a Distributed e-learning Environment," *International Journal of Innovation and Regional Development* 2 (3), pp. 240-258, 2010.

[J14] P. Szegedi, S. Figuerola, M. Campanella, V. Maglaris and C. Cervelló-Pastor, "With Evolution for Revolution: Managing FEDERICA for Future Internet Research," *IEEE Communications Magazine*, Vol. 47, No. 7, pp. 34-39, July 2009.

[J15] A. Moralis, V. Pouli, S. Papavassiliou and V. Maglaris, "A Kerberos Security Architecture for Web Services based Instrumentation Grids," *Elsevier Future Generation Computer Systems*, Vol. 25, No. 7, pp. 804-818, July 2009.

[J16] A. Liakopoulos, D. Kalogeras, V. Maglaris, D. Primpas and C. Bouras, "QoS Experiences in Native IPv6 networks," *International Journal of Network Management*, Vol.19, No.1, pp.119-137, January/February 2009

[J17] V. Karyotis, S. Papavassiliou, M. Grammatikou and V. Maglaris, "A Novel Framework for Mobile Attack Strategy Modeling and Vulnerability Analysis in Wireless Ad-hoc Networks," *International Journal of Security and Networks (IJSN)*, Vol.1, Nos. 3/4, pp. 255-265, 2006.

[J18] C. Siaterlis and V. Maglaris, "One step ahead to multisensor data fusion for DDoS detection," *Journal of Computer Security*, vol. 13, Number 5, pp. 779-806, 2005.

[J19] A. Liakopoulos, B. Maglaris, C. Bouras and A Sevasti, " Providing and verifying advanced IP services in hierarchical DiffServ Networks - the case of GEANT," *International Journal of Communication Systems*, Wiley InterScience, 2004.

[J20] G. Koutepas, F. Stamatelopoulos, and B. Maglaris, "Distributed Management Architecture for Cooperative Detection and Reaction to DDoS Attacks," *Special Issue on Security and Management, Journal of Network and Systems Management*, Vol. 12, No. 1, March 2004.

[J21] C. Stathis and B. Maglaris, "Modelling the self-similar behaviour of network traffic," *Computer Networks*, Vol. 34, No. 1, pp. 37-47, July 2000.

[J22] F. Stamatelopoulos and B. Maglaris, "Performance and Efficiency in Distributed Enterprise Management" *Journal of Network and Systems Management*, 1999.

[J23] C. Stathis and B. Maglaris, "Modelling and Call Admission Control for Self-Similar WAN Traffic," *Simulation Series 31*, pp. 60-65, 1999.

[J24] D. Dimitrijevic, B. Maglaris and R. Boorstyn, "Routing in Multidomain Networks," *IEEE/ACM Transactions on Networking*, Vol. 2, No.3, June 1994.

[J25] B. Maglaris, R. Boorstyn, S. Panwar, T. Spirtos, P. O'Reilly and C Jack, "Routing of Voice and Data in Burst-switched Networks," *IEEE Transactions on Communications*, vol. 38 (6), 889-897, 1990.

[J26] P. Sen, B. Maglaris, N. Rikli and D. Anastassiou, "Models for Packet Switching of Variable-bit-rate Video Sources," *IEEE Journal on Selected Areas in Communications*, 7 (5), 865-869, 1989.

[J27]   B. Maglaris, D. Anastassiou, P. Sen, G. Karlsson and J. Robbins, "Performance Models of Statistical Multiplexing in Packet Video Communications," *IEEE Transactions on Communications*, Vol. 36 (7), 834-844, 1988.

[J28]   R. Boorstyn, A. Kershenbaum, B. Maglaris and V. Sahin, "Throughput Analysis in Multihop CSMA Packet Radio Networks," *IEEE Transactions on Communications*, Vol. 35 (3), 267-274, 1987.

[J29]   B. Maglaris and M. Schwartz, "Optimal Fixed Frame Multiplexing in Integrated Line-and Packet-switched Communication Networks," *IEEE Transactions on Information Theory*, 28 (2), 263-273, 1982.

[J30]   B. Maglaris and M. Schwartz, "Performance Evaluation of a Variable Frame Multiplexer for Integrated Switched Networks," *IEEE Transactions on Communications*, 29 (6), 800-807, 1981.

Πρακτικά Διεθνών Επιστημονικών Συνεδρίων με Κρίση

[C1]   N.Kostopoulos, A. Pavlidis, M. Dimolianis, D. Kalogeras and V. Maglaris, "A Privacy-Preserving Schema for the Detection and Collaborative Mitigation of DNS Water Torture Attacks in Cloud Infrastructures", in Proc. of the *8th IEEE International Conference on Cloud Networking - IEEE CloudNet 2019*, Coimbra, Portugal, November 2019

[C2]   M. Dimolianis, A. Pavlidis, D. Kalogeras and V. Maglaris, "Mitigation of Multi-vector Network Attacks via Orchestration of Distributed Rule Placement," in Proc. of the *16th IFIP/IEEE Symposium on Integrated Network and Service Management (IM2019)*, Washington DC, USA, April 2019

[C3]   M. Dimolianis, A. Pavlidis, D. Kalogeras and V. Maglaris, "Mitigation of Multi-vector Network Attacks via Orchestration of Distributed Rule Placement," in Proc. of the *16th IFIP/IEEE Symposium on Integrated Network and Service Management (IM2019)*, Washington DC, USA, April 2019

[C4]   A. Pavlidis, M. Dimolianis, D. Kalogeras and V. Maglaris, "Automated Distribution of Access Control Rules in Defense Layers of an Enterprise Network," to appear in Proc. of the *16th IFIP/IEEE Symposium on Integrated Network and Service Management (IM2019)*, Washington DC, USA, April 2019

[C5]   K. Giotis, A. Pavlidis, L. Anagnostou, M. Dimolianis, T. Tsigkritis, D. Kalogeras, N. Kostopoulos, I. Kotinas and V. Maglaris, "Blockchain-based Federation of Network Providers for Collaborative DDoS Mitigation", *3rd Symposium on Distributed Ledger Technology*, Gold Coast, Australia, November 2018

[C6]   A. Pavlidis, G. Sotiropoulos, K. Giotis, D. Kalogeras and V. Maglaris, "NFV-compliant Traffic Monitoring and Anomaly Detection based on Dispersed Vantage Points in Shared Network Infrastructures," in Proc. of the *4th IEEE Conference on Network Softwarization (NetSoft2018)*, Montreal, Canada, June 2018

[C7]   D. Pantazatos, C. Marinos, K. Giotis, A. Vekris, M. Grammatikou and V. Maglaris, "SeLCont: Synchronized E-Learning Content Toolkit," in Proc. of the *12th International Technology, Education and Development Conference - INTED 2018*, Valencia, Spain, March 2018

[C8]   A. Douitsis and V. Maglaris, "Towards A Scalable Management Collector", in Proc. of *Global Information Infrastructure and Networking Symposium GIIS 2016*, Porto, Portugal, October 2016.

[C9]   K. Giotis, M. Apostolaki and V. Maglaris, "A Reputation-based Collaborative Schema for the Mitigation of Distributed Attacks in SDN Domains", in Proc. of *IEEE/IFIP Network Operations and Management Symposium*, Istanbul, Turkey, April 2016.

[C10] C. Argyropoulos, S. Mastorakis, K. Giotis, G. Androulidakis, D. Kalogeras and V. Maglaris, "Control-Plane Slicing Methods in Multi-Tenant Software Defined Networks", in Proc. of *IFIP/IEEE Integrated Network Management Symposium (IEEE IM 2015)*, Ottawa, Canada, May 2015.

[C11] N. Riga, V. Thomas, V. Maglaris, M. Grammatikou, and E. Anifantis, "Virtual Laboratories: Use of public testbeds in Education", in Proc. of the *7th International Conference on Computer Supported Education (CSEDU)*, Lisbon, Portugal, May 2015 .

[C12] K. Giotis, Y. Kryftis and V. Maglaris, "Policy-based Orchestration of NFV Services in Software-Defined Networks", in Proc. of *1st IEEE Conference on Network Softwarization (NetSoft 2015)*, London, UK, Apr. 2015.

[C13] K. Giotis, G. Androulidakis and V. Maglaris, "Leveraging SDN for Efficient Anomaly Detection and Mitigation on Legacy Networks," in Proc. of *European Workshop on Software Defined Networks (EWSDN)*, Budapest, Hungary, Sept. 2014.

[C14] C. Argyropoulos, G. Androulidakis, D. Kalogeras, B. Pietrzak, B. Belter, L. Lymberopoulos and V. Maglaris, "Network Virtualization over Heterogeneous Federated Infrastructures: Data Plane Connectivity," *IFIP/IEEE Integrated Network Management Symposium (IEEE IM 2013)*, Ghent, Belgium, May 2013.

[C15] C. Argyropoulos, D. Kalogeras, G. Androulidakis and V. Maglaris, "PaFloMon -- A Slice Aware Passive Flow Monitoring Framework for OpenFlow Enabled Experimental Facilities," in 2012 *European Workshop on Software Defined Networking (EWSDN)*, vol., no., pp.97,102, 25-26 Oct. 2012.

[C16] L. Lymberopoulos, P. Grosso, C. Papagianni, D. Kalogeras, G. Androulidakis, J. van der Ham, C. de Laat and V. Maglaris, "Managing Federations of Virtualized Infrastructures: A Semantic-Aware Policy Based Approach," in Proc. of *3rd IEEE/IFIP International Workshop on Management of the Future Internet (ManFI 2011)*, Dublin, Ireland, May 27, 2011.

[C17] C. Marinos, C. Argyropoulos, M. Grammatikou and V. Maglaris: "An Autonomic Monitoring Framework for QoS Management in Multi-Service Networks," in Proc. of the 2nd *International ICST Conference on Mobile Networks & Management*, Spain, Sept. 2010.

[C18] C. Troulos, V. Merekoulias and V. Maglaris, "A Business Model for Managing Municipal Metropolitan Area Networks: The Special Case of Greece," *International Conference on Ultra-Modern Telecommunications & Workshops*, 2009.

[C19] C. Marinos, A. Porylakis, M. Grammatikou and V. Maglaris, "Interdomain SLAs Enforcement in Real QoS-Enabled Networks," in Proc. of the *TERENA Networking Conference (TNC2008)*, Bruges, Belgium, May 2008.

[C20] C. Marinos, V. Pouli, M. Grammatikou and V. Maglaris, "Inter-Domain SLA Enforcement in QOS-Enabled Networks," in Proc. of the *3rd International Workshop on Distributed Cooperative laboratories: Instrumenting the GRID*, Ischia, Italy, April 2008.

[C21] F. Stamatelopoulos, T. Chiotis and B. Maglaris, "Extending Connection Admission Control to the System and Application Level," *5th HP Open View University Association Conference*, 2008.

[C22] L. Lymberopoulos, S. Papavassiliou and V. Maglaris, "A novel Load Balancing Mechanism for P2P Networking," in Proc. of *GridNets* 2007, Lyon, France, October 2007.

[C23] V. Chatzigiannakis, G. Androulidakis, K. Pelechrinis, S. Papavassiliou and V. Maglaris, "Data fusion Algorithms for Network Anomaly Detection: Classification and Evaluation," in Proc. of the *3rd International Conference on Networking and Services (ICNS 2007)*, Athens, Greece, June 2007.

[C24] A. Moralis, V. Pouli, M. Grammatikou, S. Papavassiliou and V. Maglaris, "Performance Comparison of Web Services Security: Kerberos Token Profile against X.509 Token Profile," in Proc. of the *IEEE 3rd International Conference on Networking and Services*, Athens Greece, June 2007.

[C25] V. Pouli, S. Kafetzoglou, M. Grammatikou, C. Tziouvaras, S. Papavassiliou and V. Maglaris, "Service Level Agreement Provisioning and Monitoring for End-to-End QoS," in Proc. of the *TERENA Networking Conference (TNC2007)*, Lyngby Denmark, May 2007.

[C26] A. Lenis, M. Grammatikou, S. Papavassiliou and V. Maglaris, "Extending Instrumentation Grids to Wireless Sensor Networks," in Proc. of the *2nd International Workshop on Distributed Cooperative Laboratories: Instrumenting the Grid (INGRID 2007)*, Santa Margherita Ligure - Portofino, Italy, April 2007.

[C27] A. Moralis, V. Pouli, M. Grammatikou, S. Papavassiliou and V. Maglaris, "A Security Architecture using Symmetric Cryptography and Kerberos-based approach for Performance Improvement in Grids," in Proc. of the *2nd International Workshop on Distributed Cooperative Laboratories: Instrumenting the Grid (INGRID 2007)*, Santa Margherita Ligure - Portofino, Italy, April 2007.

[C28] G. Androulidakis, V. Chatzigiannakis, S. Papavassiliou, M. Grammatikou and V. Maglaris, "Understanding and Evaluating the Impact of Sampling on Anomaly Detection Techniques," in Proc. of the *IEEE MILCOM 2006*, Washington D.C., USA, October 2006.

[C29] G. Koutepas, A. Douitsis, D. Philippides and V. Maglaris, "An Approach for the Administration and Security of IPv6 Transition Mechanisms: An SNMP MIB for 6to4," in Proc. of the *International Multi-Conference on Computing in the Global Information Technology*, Bucharest, Romania, August 2006.

[C30] V. Chatzigiannakis, S. Papavassiliou, G. Androulidakis and V. Maglaris, "On the Realization of a Generalized Data Fusion and Network Anomaly Detection Framework," in Proc. of the *5th International Symposium in Communication Systems, Networks and Digital Signal Processing (CSNDSP 2006)*, pp. 251-255, July 2006.

[C31] V. Chatzigiannakis, S. Papavassiliou, M. Grammatikou and B. Maglaris, "Hierarchical Anomaly Detection in Distributed Large- scale Sensor

Networks," in Proc. of the *IEEE Symposium on Computers and Communications (IEEE ISCC, 2006)* pp. 761-767, June 2006.

[C32] V. Karyotis, S. Papavassiliou, M. Grammatikou and B. Maglaris, "On the Characterization and Evaluation of Mobile attack Strategies in Wireless Ad-Hoc Networks," in Proc. of the *IEEE Symposium on Computers and Communications (IEEE ISCC 2006)*, pp. 29-34, June 2006.

[C33] A. Moralis, V. Pouli, M. Grammatikou, S. Papavassiliou, and V. Maglaris, "A Security Subsystem for Instrumentation Grids", in *TERENA Networking Conference (TNC 2006)*, Italy, May 2006.

[C34] V. Karyotis, S. Papavassiliou and B. Maglaris, "Modeling Framework for the Study and Analysis of Mobile Attack Propagation in Wireless Ad-Hoc Networks," in Proc. of the *12th European Wireless Conference (EW 2006)*, Athens Greece, April 2006.

[C35] A. Moralis, A. Lenis, M. Grammatikou, S. Papavassiliou and V. Maglaris, "A Distributed Kerberized Access Architecture for Real Time Grids," in Proc. of the *4th International Workshop on Security In Information Systems WOSIS*, 2006

[C36] V. Chatzigiannakis, A. Lenis, C. Siaterlis, M. Grammatikou, D. Kalogeras, S. Papavassiliou & V. Maglaris, "Distributed Network Monitoring and Anomaly Detection as a GRID application," in Proc. of the *12th HP Open View University Association Workshop (HPOVUA)*, Porto, Portugal, July 2005.

[C37] V. Chatzigiannakis, D. Kalogeras, P. Astithas and B.Maglaris, "On the use of Reliable Multicast for Content Distribution," *TERENA Networking Conference (TNC 2005)*, Poznan, Poland, June 2005.

[C38] A. Liakopoulos, D. Kalogeras, V. Maglaris, D. Primpas and C. Bouras, "QoS Experiences in Native IPv6 GRNET and 6NET Networks," in Proc. of *International Conference on Telecommunication Systems, Modelling and Analysis*, 2005

[C39] C. Siaterlis and V. Maglaris, "Detecting incoming and Outgoing DDoS Attacks at the Edge Using a Single Set of Network Characteristics," in Proc. *IEEE 10th Symposium on Computer and Communications (ISCC)*, Cartagena, Spain, June 2005.

[C40] G. Androulidakis, V. Chatzigiannakis, M.Grammatikou and F.Stamatelopoulos, "Network Flow-Based Anomaly Detection of DDoS Attacks," *TERENA Networking Conference (TNC 2004)*, Rhodes, Greece, June 2004.

[C41] V. Chatzigiannakis, G. Androulidakis, M. Grammatikou and B. Maglaris, "A Distributed Intrusion Detection Prototype using Security Agents," in Proc. *HP Open View University Association (HPOVUA)*, Paris 2004.

[C42] C. Siaterlis and B. Maglaris, "Detecting DDoS Attacks using a Multilayer Perceptron Classifier", in Proc. of the *20th Int. Conference on Artificial Neural Networks*, III, March 2004.

[C43] V. Chatzigiannakis, G. Androulidakis, M. Grammatikou and B. Maglaris, "An Architectural Framework for Distributed Intrusion Detection using Smart Agents," in Proc. *SAM04*, Las Vegas, USA 2004.

[C44] A. Douitsis, D. Kalogeras and V. Maglaris, "Multicast Traffic Weathermap," *TERENA Networking Conference*, Rhodes, Greece, 2004.

[C45] C. Siaterlis and B. Maglaris, "Detecting DDoS Attacks with Passive Measurement based Heuristic," in Proc. of *IEEE Symposium on Computer and Communication (ISCC)*, 2004.

[C46] C. Siaterlis and B. Maglaris, "Towards Multisensor Data Fusion for DDoS detection, in Proc. *ACM Symposium on Applied Computing*, 2004.

[C47] M. Grammatikou and B. Maglaris, "Primary HealthCare Information System – PHeCIS," in Proc. of *METMBS*, Las Vegas, USA 2003.

[C48] G. Koutepas, F. Stamatelopoulos, V. Hatziyannakis, and B. Maglaris, "Design and Operational Characteristics of a Distributed Cooperative Infrastructure against DDoS Attacks," in Proc. of the *2nd European Conference on Information Warfare and Security (ECIW)*, University of Reading, UK, July 2003.

[C49] G. Koutepas, F. Stamatelopoulos, V. Hatzigiannakis, and B. Maglaris, "An Adaptable Inter-Domain Infrastructure against DoS Attacks," in Proc. of the *International Conference on Advances in Infrastructure for e-Business, e-Education, e-Science, e-Medicine, and Mobile Technologies on the Internet*, L'Aquila, Italy, January 2003.

[C50] K. Sakka, M. Grammatikou, D. Kalogeras and V. Maglaris, "Enabling User Service Control on Unified Messaging Systems," in Proc. of *International Conference on Software Telecommunications and Computer Networks*, 2003.

[C51] C. Siaterlis, P. Roris and B. Maglaris, "A novel Approach for a Distributed Denial of Service Detection Engine," in Proc. *HP Open View University Association Workshop (HPOVUA)*, 2003.

[C52] G. Koutepas, F. Stamatelopoulos, V. Hatziyannakis and B. Maglaris, "Design and Operational Characteristics of a Distributed Cooperative Infrastructure against DDoS Attacks," *2nd European Conference on Information Warfare and Security (ECIW)*, 2003.

[C53] G. Koutepas and B. Maglaris, "Detection and Reaction to Denial of Service Attacks," in Proc. Cyprus Security Society," *2nd Conference on Information Security: From Theory to Practice"*, Nikosia, Cyprus, October 2002.

[C54] D. Velenis, D. Kalogeras and B. Maglaris, "SaTPEP: a TCP Performance Enhancing Proxy for Satellite Links," in Proc. of the *2nd International IFIP-TC6 Networking Conference*, Pisa, Italy, May 2002.

[C55] G. Koutepas, F. Stamatelopoulos and B. Maglaris, "Efficiency and Performance Issues in Distributed Intrusion Detection Systems," in Proc. of the *Applied Telecommunication Symposium (ATS)*, San Diego, CA, USA, April 2002.

[C56] P. Astithas, G. Koutepas, A. Moralis, and B. Maglaris, "SIDS - A System for Enterprise-wide Intrusion Detection," in Proc. of the *International System Security Engineering Association Conference*, Orlando, FL, USA, February 2001.

[C57] M. Grammatikou, F. Stamatelopoulos and B. Maglaris, "Distributed Architectural Framework For Patient Records Management," in Proc. of the *METMBS' Conference*, Las Vegas, USA 2001.

[C58] M. Grammatikou, F. Stamatelopoulos, A. Douitsis and B. Maglaris, "Managing a Distributed Healthcare Information Service," *8th Workshop of the HP OpenView University Association*, Berlin, Germany, 2001.

[C59] C. Kotsokalis, D. Kalogeras and B. Maglaris, "Router-based detection of DoS and DDoS attacks," *8th Workshop of the HP OpenView University Association*, Berlin, Germany, 2001.

[C60] M. Grammatikou, F. Stamatelopoulos, A. Lenis and B. Maglaris, "Internet-based Distributed Framework For Patient Records Management in the Primary Healthcare Environment," in Proc. *MEDnet*, Italy, 2001.

[C61] M. Grammatikou, F. Stamatelopoulos and B. Maglaris, "Distributed Information System Architecture For Primary Health Care," in Proc. *Medical Informatics*, Hannover, Germany, August 2000.

[C62] P. Astithas, G. Koutepas, A. Moralis and B. Maglaris, "Security management in large enterprise networks," in Proc. of the *7th Workshop of the HP OpenView University Association*, Santorini, Greece, June 2000.

[C63] P. Astithas, G. Koutepas and B. Maglaris, "Integrating Intrusion Detection and Network Management," in Proc. *HP Open View University Association Conference (HPOVUA)*, Bologna, Italy, June 1999.

[C64] C. Stathis and B. Maglaris, "Multifractal Analysis Experiments with Internet Traffic," Proceedings of the *7th IFIP Workshop of Performance Modelling and Evaluation of ATM and IP Networks*, Antwerp, Belgium, 1999.

[C65] F. Stamatelopoulos and B. Maglaris "A caching model for efficient distributed network and systems management," in Proc. of the *3rd IEEE Symposium on Computers and Communications*, (ISCC'98), 1998.

[C66] T. Chiotis, K. Berdekas, T. Karounos and B. Maglaris, "The ISDN Controller MIB: SNMP Management of Narrow-Band ISDN Interfaces," in Proc. of *International Conference on Telecommunications (ICT' 98)*, Chalkidiki, Greece, 1998.

[C67] F. Stamatelopoulos, G. Koutepas, and B. Maglaris, "System Security Management via SNMP," in Proc. of *HP Open View University Association Conference (HPOVUA)*, Madrid, Spain, April 1997.

[C68] T. Chiotis, F. Stamatelopoulos and B. Maglaris, "Traffic Source Models for Realistic ATM Performance Modelling," in Proc. of *5th IFIP Workshop on Performance Modelling and Evaluation of ATM Networks*, 1997.

[C69] F. Stamatelopoulos, T. Chiotis and B. Maglaris,"QoS Management for Internet Information Services," in Proc. of the *12th International Symposium on Computer and Information Sciences (ISCIS XII)*, Antalya, Turkey, 1997.

[C70] F. Stamatelopoulos and B. Maglaris, "A Management Architecture for Internet Information Services," in Proc. of *4th Plenary Workshop of the HP Open View University Association*, 1997.

[C71] F. Stamatelopoulos, N. Roussopoulos and B. Maglaris, "Using a DBMS for Hierarchical Network Management," in Proc. of *NETWORLD+ INTEROP '95*, 1995.

[C72] T. Chiotis and B. Maglaris, "The Effective Bandwidth Approach: Configuration of ATM Virtual Connections," in Proc. of *NETWORLD+ INTEROP 95*, 1995.

[C73] T Chiotis, T Karounos and B Maglaris, "Inter-Organizational Documenting Services over ISDN/IBC networks in Europe," in Proc. of *COMCON 5*, Rithymna, Crete, Greece, 1995.

[C74] F. Stamatelopoulos, T. Chiotis and B. Maglaris "A Scalable, Platform-based Architecture for Multiple Domain Network Management," in Proc. of the *IEEE International Conference on Communications, ICC'95*, Seattle, Washington, 1995.

[C75] B. Maglaris, T. Karounos and A. Kindt, "Management of Distributed Services Networks: Shared Tele-Publishing via ISDN," in Proc. of the *Network Management and Control Symposium*, 1994.

[C76] B. Maglaris, T. Karounos and A. Kindt, "Service Management Concepts in Shared Business Environments," *IEEE International Conference on Communications, ICC'94*, 1994.

[C77] D. Dimitrijevic, B. Maglaris and R. Boorstyn, "Routing in Multi-Domain Networks," in Proc. of *IEEE INFOCOM*, 1990.

[C78] C. Chao, P Sarachik, B. Maglaris, R Boorstyn and D. Dimitrijević, "Control of Multi-domain Networks," in Proc. of the *Network Management and Control Symposium*, pp. 377-387, New York 1990.

[C79] B. Maglaris, R. Boorstyn, S. Panwar and T. Spirtos, "Routing in Burst-switched Voice/data Integrated Networks," in Proc. of *IEEE INFOCOM*, 162-169, 1987.

[C80] P. Sen, N. Rikli and B. Maglaris, "Queueing Analysis for Packet Switched Video," in Proc. of the *Cambridge Symposium*, 440-445, 1987.

[C81] B. Maglaris, "An Optimal Local Policy for Two-Level Adaptive Routing in Computer Networks," in Proc. of *IEEE INFOCOM*, 284-290, 1984.

[C82] B. Maglaris, R. Boorstyn and A. Kershenbaum, "Extensions to the Analysis of Multihop Packet Radio Networks," in Proc. of *IEEE INFOCOM*, 390-395, 1983.

[C83] B. Maglaris, R. Boorstyn and A. Kershenbaum, "Extensions to the Analysis of Multihop Packet Radio Networks," in Proc. of *IEEE INFOCOM*, 390-395, 1983.

[C84] B. Maglaris and M. Schwartz, "Optimal Bandwidth Allocation in Integrated Line- and Packet-switched Channels," in Proc. of the *IEEE International Conference on Communications, ICC'79*, Volume 2 2, 20, 1979.

[C85] B. Maglaris and M. Schwartz, "An Integrated Packet-and-Line Switched Time Sharing Scheme for a Terminal-to-Computer Network," in Proc. of the *International Symposium MECO'78*, Athens, June 26-29, 1978.

Επιστημονικές Συλλογές

[B1] V. Maglaris, "Smart Cities & Regions within the Framework of Greek Research & Innovation Strategy for Smart Specialization – RIS3" (Invited Paper, Greek Ministry of Digital Policy), in *Prospects for the Development of Electronic Communications in Greece: Strategy - Challenges - Vision*, October, 2018

[B2] M. Campanella, V. Maglaris and M. Pots, "Virtual Infrastructures in Future Internet," in *IOS Press, Towards the Future Internet*, G. Tselentis et.al. (Eds.), pp. 63-73, April 2010.

[B3] A. Lenis, M. Grammatikou, V. Maglaris and S. Papavassiliou, "Extending Instrumentation Grids to Wireless Sensor Networks," in *Grid Enabled Remote Instrumentation and Measurement*, *Springer*, New York, pp. 21-32, 2009.

[B4]   A. Moralis, V. Pouli, M. Grammatikou, S. Papavassiliou, and V. Maglaris," Improving the Security Performance in Computer Grids," in *Grid Enabled Instrumentation and Measurement, Springer*, New York, 2009.