Β Ι Ο Γ Ρ Α Φ Ι Κ Ο Σ Η Μ Ε Ι Ω Μ Α

ΟΝΟΜΑ	Βασίλειος Γ. Καμπουρλάζος
ΗΜ/ΝΙΑ ΓΕΝΝΗΣΗΣ	24 Σεπτεμβρίου 1963
ΘΕΣΗ	Τακτικός Καθηγητής Α′ βαθμίδας στο Τμήμα Μηχανικών Πληροφορικής Τ.Ε. του ΤΕΙ Ανατολικής Μακεδονίας και Θράκης με γνωστικό αντικείμενο «Αλγόριθμοι – Λειτουργικά Συστήματα – Προγραμματισμός». ΦΕΚ διορισμού (τεύχος ΝΠΔΔ) αρ. φύλλου 106, 20 Μαΐου 2002.
ΤΑΧΥΔΡΟΜΙΚΗ ΔΙΕΥΘΥΝΣΗ	Δράμας 6, Άγιος Λουκάς 65404 Καβάλα
ΤΗΛΕΦΩΝΑ	2510 462-320 (Εργασία)
ΗΛΕΚΤΡΟΝΙΚΗ Δ/ΝΣΗ	vgkabs@teikav.edu.gr
ΙΣΤΟΣΕΛΙΔΑ	http://scholar.google.com/citations?user=3RiPf3wAAAAJ
ΕΠΑΓΓΕΛΜΑΤΙΚΟΣ ΠΡΟΣΑΝΑΤΟΛΙΣΜΟΣ	Μοντελοποίηση της ανθρώπινης ευφυΐας και αλληλεπίδραση ανθρώπου με μηχανές. Εφαρμογές με σκοπό την βελτίωση της ανταγωνιστικότητας βιομηχανικών προϊόντων και υπηρεσιών. Παγκόσμιες επιστημονικές δράσεις – πρωτοβουλίες.
ΣΠΟΥΔΕΣ	• Πτυχίο από το Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών του Εθνικού Μετσόβιου Πολυτεχνείου, Οκτώβριος 1986. • Μεταπτυχιακό (Μάστερ) στο Τμήμα Ηλεκτρολόγων Μηχανικών του University of Nevada, Reno (ΗΠΑ), Δεκέμβριος 1989. • Διδακτορικό στο Τμήμα Ηλεκτρολόγων Μηχανικών του University of Nevada, Reno (ΗΠΑ), Μάιος 1992.
ΕΜΠΕΙΡΙΑ	***Έρευνα* (*Βασική & Εφαρμοσμένη*)** ***Διδασκαλία*** ***Διάφορα***
ΚΑΤΑΛΟΓΟΣ ΔΗΜΟΣΙΕΥΣΕΩΝ	Τίτλοι δημοσιεύσεων σε βιβλία, περιοδικά, συνέδρια, επιστημονικές διατριβές, τεχνικές εκθέσεις, και σημειώσεις διδασκαλίας.
ΥΠΟΜΝΗΜΑ ΔΗΜΟΣΙΕΥΣΕΩΝ	Σύντομο υπόμνημα δημοσιεύσεων.
ΑΝΤΙΧΤΥΠΟΣ	Κατάλογος ετερο-αναφορών σε εργασίες μου και αναλυτικοί πίνακες.

ΕΜΠΕΙΡΙΑ

Έρευνα

i) Βασική

Εισηγητής του Υπολογισμού σε Πλέγματα (Lattice Computing) για ενοποιημένη επεξεργασία ανόμοιων τύπων δεδομένων που περιλαμβάνουν πίνακες με πραγματικούς αριθμούς, συναρτήσεις, σύνολα, διαμερισμούς συνόλων, λογικές τιμές, δομές δεδομένων, (δυαδικές) σχέσεις, συμβολοσειρές, κλπ. Μεθοδεύεται η (παραμετρική) μοντελοποίηση συστημάτων ευφυΐας. Συγκεκριμένα, μεθοδεύεται η εφαρμογή καινοτόμων αλγόριθμων για ομαδοποίηση (clustering) /ταξινόμηση (classification) /πρόβλεψη (regression).

ii) Εφαρμοσμένη

(Συμμετοχή σε Ερευνητικά Προγράμματα)

1) ΠΡΟΣΟΜΟΙΩΣΗ ΑΛΓΟΡΙΘΜΩΝ ΔΡΟΜΟΛΟΓΗΣΗΣ ΔΕΔΟΜΕΝΩΝ σε ψηφιακό δίκτυο (ISDN) υπολογιστών. Εθνικό Μετσόβιο Πολυτεχνείο. Εαρινό εξάμηνο και καλοκαίρι 1986, κατά τη διάρκεια της διπλωματικής εργασίας του πτυχίου.

2) ΔΙΑΓΝΩΣΗ ΚΑΚΩΣΕΩΝ ΠΛΑΤΗΣ (WHIPLASH INJURY): Ανάπτυξη τεχνικών ψηφιακής επεξεργασίας εικόνας και νευρωνικών δικτύων με σκοπό την ανίχνευση κακώσεων στο άνω μέρος της πλάτης χρησιμοποιώντας θερμογραφικές υπέρυθρες εικόνες. Ιατρικό κέντρο Computerized Thermography Centers/ IFEX Inc., New York, NY. Σεπτέμβριος 1988 - Μάιος 1989, κατά τη διάρκεια της μεταπτυχιακής πραγματείας Μάστερ με την ιδιότητα του ερευνητή βοηθού (research assistant).

3) ΔΙΑΓΝΩΣΗ ΑΣΘΕΝΕΙΩΝ: Έρευνα και ανάπτυξη νευρωνικών δικτύων για επεξεργασία ιατρικών αρχείων με στόχο την διάγνωση ασθενειών, και την ανακάλυψη πιο αποτελεσματικών ιατρικών πρακτικών. Ιατρικό κέντρο *Washoe Medical Center* στο Reno, NV. Ιούνιος 1991 - Δεκέμβριος 1991, κατά τη διάρκεια της διδακτορικής διατριβής με την ιδιότητα του ερευνητή βοηθού (research assistant).

4) MITOS (BE 7470): Σχεδίαση τεχνικών ευφυούς αυτόματου ελέγχου για μηχατρονικά χειρουργικά εργαλεία και χρήση σε τέσσερις χειρουργικές διαδικασίες. Εργαστήριο Ρομποτικής και Αυτοματισμού, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης. Μάρτιος 1994 - Φεβρουάριος 1997, με την ιδιότητα του ερευνητή.

5) SET MARKS: Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών, ΑΠΘ. Μάιος 1997 - Δεκέμβριος 1997, με την ιδιότητα του ερευνητή.

6) GENOS: Καθολικό σύστημα διαχείρισης ενέργειας. Εργαστήριο Ρομποτικής και Αυτοματισμού, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης. Μάρτιος 1997 – Δεκέμβριος 1997, με την ιδιότητα του ερευνητή.

7) MTS (PL 950317): Δίκτυο για τη δημιουργία συνεργασιών μεταξύ βιομηχανικών, ιατρικών, και ερευνητικών κέντρων της Ευρωπαϊκής Ένωσης με στόχο την εφαρμογή μηχατρονικών εργαλείων σε χειρουργικές επεμβάσεις. Μάρτιος 1996 – Φεβρουάριος 1999.

8) ΠΥΛΕΣ: Ανάπτυξη και εφαρμογή μέσω διαδικτύου του εκπαιδευτικού λογισμικού "ΕΛΣΑΕ" με δυνατότητες αλληλεπίδρασης και αυτοαξιολόγησης από τους φοιτητές των μαθημάτων "Κλασσικός Αυτόματος Έλεγχος" και "Συστήματα Αυτομάτου Ελέγχου" του τμήματος Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών, Αριστοτέλειο Πανεπιστήμιο Θεσ/νίκης. Ιούλιος 1998 - Δεκέμβριος 1999, με την ιδιότητα του ερευνητή.

9) VENFLEX (CT98-5312): Αναγνώριση με τεχνητή όραση και μηχανισμός ευέλικτων υλικών. Εργαστήριο Ρομποτικής και Αυτοματισμού, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης. Ιανουάριος 2000 - Ιούλιος 2000, με την ιδιότητα του ερευνητή.

10) ΚΤΗΣΙΒΙΟΣ: Δίκτυο διάδοσης της Ε & Τ γνώσης αναφορικά με τεχνολογίες πληροφορικής στα συστήματα αυτοματισμού και παραγωγής με συμμετοχή ερευνητικών κέντρων, πανεπιστημίων, και εταιριών της Ελλάδας. Ιούνιος 2000 – Ιούνιος 2001.

11) ΕΛΛΗΝΙΚΗ ΒΙΟΜΗΧΑΝΙΑ ΖΑΧΑΡΗΣ (ΕΒΖ): Ανάπτυξη νέων τεχνικών υπολογιστικής νοημοσύνης με σκοπό την πρόβλεψη παραγωγής ζάχαρης από καλλιέργεια ζαχαρότευτλων. Εργαστήριο Ρομποτικής και Αυτοματισμού, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης. Ιούλιος 2000 –Ιούνιος 2001, με την ιδιότητα του ερευνητή.

12) Τίτλος έργου: Ενίσχυση σπουδών πληροφορικής
Τίτλος πακέτου εργασίας: Πλατφόρμα λογισμικού "3ξΔ" για αξιόπιστη εξέταση φοιτητών μέσω διαδικτύου
Επιστημονικός υπεύθυνος: Καθηγητής Βασίλειος Καμπουρλάζος
Προϋπολογισμός έργου: €80.000
Πηγή χρηματοδότησης: Συγχρηματοδότηση Ευρωπαϊκό Κοινωνικό Ταμείο (75%) και

Επιχειρησιακό Πρόγραμμα Εκπαίδευσης και Αρχικής Επαγγελματικής Κατάρτισης ΙΙ (ΕΠΕΑΕΚ) (25%)
Ημερομηνίες έναρξης/λήξης: 1 Μαϊου 2003 - 31 Αυγούστου 2008
Ρόλος Βασ. Καμπουρλάζου στην ερευνητική ομάδα: Επιστημονικός υπεύθυνος

13) Τίτλος ερευνητικού έργου: Educational material development and research in machine learning for undergraduate students
Επιστημονικός υπεύθυνος: Professor Michael Georgiopoulos and Erol Gelenbe, University of Central Florida, Orlando, USA
Προϋπολογισμός: $440.851
Πηγή χρηματοδότησης: National Science Foundation (NSF), USA
Ημερομηνίες έναρξης/λήξης: June 2003 - June 2005
Ρόλος Βασ. Καμπουρλάζου στην ερευνητική ομάδα: Academic Affiliate

14) Τίτλος ερευνητικού έργου: Αρχιμήδης-Ι, Ενίσχυση ερευνητικών ομάδων στα ΤΕΙ (ΕΕΟΤ)
Τίτλος ερευνητικού υποέργου: Παράλληλη, βασιζόμενη σε περιεχόμενο, διαγλωσσική ανάκτηση πληροφοριών
Επιστημονικός υπεύθυνος: Καθηγητής Χρήστος Σκουρλάς, Τμήμα Πληροφορικής, ΤΕΙ Αθηνών
Προϋπολογισμός: €52.000
Πηγή χρηματοδότησης: Συγχρηματοδότηση Ευρωπαϊκό Κοινωνικό Ταμείο (75%) και Επιχειρησιακό Πρόγραμμα Εκπαίδευσης και Αρχικής Επαγγελματικής Κατάρτισης ΙΙ (ΕΠΕΑΕΚ) (25%)
Ημερομηνίες έναρξης/λήξης: 1 Ιανουαρίου 2004 - 31 Δεκεμβρίου 2006
Ρόλος Βασ. Καμπουρλάζου στην ερευνητική ομάδα: Συμβολή στους στόχους του έργου με την ανάπτυξη τεχνικών με χρήση Αριθμών Διαστημάτων (ΑΔ)

15) Τίτλος ερευνητικού έργου: Αρχιμήδης-Ι, Ενίσχυση ερευνητικών ομάδων στα ΤΕΙ (ΕΕΟΤ)
Τίτλος ερευνητικού υποέργου: Λογισμικό Προσομοίωσης Ανθρώπου-Χειριστή σε Βιομηχανική Παραγωγή (ΠΑΧΒΠ) Χρησιμοποιώντας Νευρο-Ασαφή Μοντέλα που Αξιοποιούν Βέλτιστα Ανόμοιους Τύπους Πληροφορίας
Επιστημονικός υπεύθυνος: Καθηγητής Βασίλειος Καμπουρλάζος,
Προϋπολογισμός: €52.000
Πηγή χρηματοδότησης: Συγχρηματοδότηση Ευρωπαϊκό Κοινωνικό Ταμείο (75%) και Επιχειρησιακό Πρόγραμμα Εκπαίδευσης και Αρχικής Επαγγελματικής Κατάρτισης ΙΙ (ΕΠΕΑΕΚ) (25%)
Ημερομηνίες έναρξης/λήξης: 1 Ιανουαρίου 2004 - 30 Ιουνίου 2007
Ρόλος Βασ. Καμπουρλάζου στην ερευνητική ομάδα: Επιστημονικός υπεύθυνος

16) Τίτλος ερευνητικού έργου: Λήψη μετρήσεων σε φούρνο παρασκευής ξηρών καρπών
Επιστημονικός υπεύθυνος: Καθηγητής Βασίλειος Καμπουρλάζος
Προϋπολογισμός: €2.000
Πηγή χρηματοδότησης: Ίδια κεφάλαια της βιοτεχνίας ξηρών καρπών Δ. ΣΙΔΗΡΟΠΟΥΛΟΣ & Σια Ο.Ε., Λυδία Καβάλας. Σύμβαση έργου μέσω του Κέντρου Τεχνολογικής Έρευνας Ανατολικής Μακεδονίας - Θράκης (ΚΤΕ-ΑΜΘ)
Ημερομηνίες έναρξης/λήξης: Ιούλιος 2007 - Οκτώβριος 2007
Ρόλος Βασ. Καμπουρλάζου στην ερευνητική ομάδα: Επιστημονικός υπεύθυνος

17) Τίτλος ερευνητικού έργου: Ταξινόμηση ψηφιακών εικόνων με χρήση *ασαφών αριθμών διαστήματος*
Επιστημονικός υπεύθυνος: Αναπληρωτής Καθηγητής Στέλιος Παπαδάκης και Καθηγητής Βασίλειος Καμπουρλάζος, Τμήμα Βιομηχανικής Πληροφορικής, ΤΕΙ Καβάλας
Προϋπολογισμός: €3.000
Πηγή χρηματοδότησης: Επιτροπή ερευνών του ΤΕΙ Καβάλας
Ημερομηνίες έναρξης/λήξης: 1 Σεπτεμβίου 2008 - 31 Μαίου 2009
Ρόλος Βασ. Καμπουρλάζου στην ερευνητική ομάδα: Επιστημονικός υπεύθυνος

18) Τίτλος ερευνητικού έργου: International collaboration to study oceanic currents phenomena and climate changes through cross-mining and retrieving multispectral satellite image and sensor network data
Επιστημονικός υπεύθυνος: Professor James Z. Wang, The Pennsylvania State University, USA
Προϋπολογισμός: $650.000
Πηγή χρηματοδότησης: National Science Foundation (NSF), USA
Ημερομηνίες έναρξης/λήξης: September 2010 - June 2015
Ρόλος Βασ. Καμπουρλάζου στην ερευνητική ομάδα: Participant expert on clustering, classification and regression in graph processing and data mining applications.

19) Τίτλος ερευνητικού έργου: Ανάπτυξη και εφαρμογή καινοτόμας διαδικασίας παραγωγής και βελτίωσης των ποιοτικών χαρακτηριστικών των προϊόντων της ποτοποιίας
Επιστημονικός υπεύθυνος: Καθηγητής Βασίλειος Καμπουρλάζος
Προϋπολογισμός: **€**7.000 + ΦΠΑ
Πηγή χρηματοδότησης: Συγχρηματοδότηση Υπουργείο Παιδείας, δια Βίου Μάθησης και Θρησκευμάτων, Ε.Π. Ανταγωνιστικότητα και Επιχειρηματικότητα (ΕΠΑΝ ΙΙ), Πράξη «Κουπόνια για Μικρομεσαίες Επιχειρήσεις» (**€**7.000) και Ένωση Ποτοποιών Καβάλας Α.Ε. (ΦΠΑ). ΑΔΑ: 4ΑΓΓ9-ΦΡ, Επωνυμία Επιχείρησης: ΕΝΩΣΗ ΠΟΤΟΠΟΙΩΝ ΚΑΒΑΛΑΣ ΑΕ, Φορέας Καινοτομίας: ΚΤΕ-ΑΜΘ, Κωδικός Αριθμός Κουπονιού: 16106672-01-000115.
Ημερομηνίες έναρξης/λήξης: 15 Απριλίου 2011 - 15 Αυγούστου 2011
Ρόλος Βασ. Καμπουρλάζου στην ερευνητική ομάδα: Επιστημονικός υπεύθυνος

20) Τίτλος ερευνητικού έργου: Computational intelligence techniques for brain imaging and the neurosciences (MICINN)
Επιστημονικός υπεύθυνος: Professor Manuel Graña, University of the Basque Country, San Sebastian, Spain
Προϋπολογισμός: **€**108.900
Πηγή χρηματοδότησης: Ministry of Science and Innovation, Government of Spain
Ημερομηνίες έναρξης/λήξης: 1 Ιανουαρίου 2012 - 31 Δεκεμβρίου 2014
Ρόλος Βασ. Καμπουρλάζου στην ερευνητική ομάδα: Research Associate on the development of novel Lattice Computing techniques

21) Τίτλος ερευνητικού έργου: Αρχιμήδης-ΙΙΙ – Ενίσχυση ερευνητικών ομάδων στο ΤΕΙ Αθήνας
Τίτλος ερευνητικού υποέργου: Ανάκτηση κειμένου και εικόνας με ασφαλή τρόπο σε κατανεμημένα και ασύρματα περιβάλλοντα ειδικού σκοπού (Secure Retrieval and Dissemination of Information (text and image) in Distributed and Wireless specific purpose Environments)
Επιστημονικός υπεύθυνος: Καθηγητής Χρήστος Σκουρλάς, Τμήμα Πληροφορικής, ΤΕΙ Αθηνών
Προϋπολογισμός: **€**100.000
Πηγή χρηματοδότησης: Επιχειρησιακό Πρόγραμμα «Εκπαίδευση και Δια Βίου Μάθηση», ΠΡΑΞΗ: «Αρχιμήδης ΙΙΙ»
Ημερομηνίες έναρξης/λήξης: 1 Μαρτίου 2012 - 31 Αυγούστου 2014
Ρόλος Βασ. Καμπουρλάζου στην ερευνητική ομάδα: Συμβολή στους στόχους του έργου με την ανάπτυξη τεχνικών με χρήση Αριθμών Διαστημάτων (ΑΔ)

22) Τίτλος έργου: Δράση «Κάλλιπος» Ελληνικά Ακαδημαϊκά Ηλεκτρονικά Συγγράμματα και Βοηθήματα, Θεματική Περιοχή «Επιστήμες Μηχανικών και Πληροφορική». Ανάληψη συγγραφής βιβλίου με τίτλο «ΕΙΣΑΓΩΓΗ ΣΤΗΝ ΥΠΟΛΟΓΙΣΤΙΚΗ ΝΟΗΜΟΣΥΝΗ».
Επιστημονικός υπεύθυνος: Καθηγητής Βασίλειος Καμπουρλάζος
Προϋπολογισμός: **€**10.000
Πηγή χρηματοδότησης: Επιχειρησιακό Πρόγραμμα Εκπαίδευση και Δια Βίου Μάθηση, Υπουργείο Παιδείας και Θρησκευμάτων – Ειδική Υπηρεσία Διαχείρισης, ΕΣΠΑ 2007-2013.
Ημερομηνίες έναρξης/λήξης: 7 Οκτωβρίου 2014 - 30 Σεπτεμβρίου 2015
Ρόλος Βασ. Καμπουρλάζου στην ομάδα έργου: Ο κύριος συγγραφέας.

23) Τίτλος έργου: Travel Grants for Scoping Research Labs Twinning opportunities by DRAGON-STAR
Επιστημονικός υπεύθυνος: Καθηγητής Βασίλειος Καμπουρλάζος
Προϋπολογισμός: €3.500
Πηγή χρηματοδότησης: Ευρωπαϊκό FP7.
Ημερομηνίες έναρξης/λήξης: 21 Ιανουαρίου 2015 - 30 Ιουνίου 2015
Ρόλος Βασ. Καμπουρλάζου στην ομάδα έργου: Επιστημονικός υπεύθυνος, για την προετοιμασία ίδρυσης Σινο-Ευρωπαϊκού ερευνητικού εργαστηρίου με τίτλο «Logic-Based Methods in Internet-of-Things (IoT) Applications» στο SouthWest Jiaotong University στην πρωτεύουσα Chengdu της επαρχίας Sichuan στην ΝΔ Κίνα.

Διδασκαλία

- Εαρινό εξάμηνο 1987: Έχω βοηθήσει στο εργαστήριο του μαθήματος *Τηλεπικοινωνιακά Συστήματα* στο Εθνικό Μετσόβιο Πολυτεχνείο (12 ώρες στο εργαστήριο).
- Εαρινό εξάμηνο 1988: Διδασκαλία του μαθήματος *ΕΕ381 Σήματα και Συστήματα* (*EE381 Signals & Systems*) στο University of Nevada, Reno (40 ώρες στην αίθουσα διδασκαλίας) με την ιδιότητα του διδάσκοντα βοηθού (teaching assistant).
- Εαρινό εξάμηνο 1990: Διδασκαλία του μαθήματος *ΕΕ301 Ηλεκτρονικά Κυκλώματα και Συστήματα* (*EE301 Circuits & Systems*) στο University of Nevada, Reno (40 ώρες στην αίθουσα διδασκαλίας) με την ιδιότητα του διδάσκοντα βοηθού (teaching assistant).
- Χειμερινό εξάμηνο 1990: Διδασκαλία του εργαστηριακού μαθήματος *ΕΕ490 Ηλεκτρονικές Κατασκευές* (*EE490 Electrical Projects Laboratory*) στο University of Nevada, Reno (30 ώρες στο εργαστήριο) με την ιδιότητα του διδάσκοντα βοηθού (teaching assistant).
- Χειμερινό εξάμηνο 1998, Εαρινό εξάμηνο 1999: Εισηγητής ενός εκπαιδευτικού σεμιναρίου στο Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης, τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών, για καθηγητές της μέσης εκπαίδευσης (πρόγραμμα ΣΕΛΕΤΕ) αναφορικά με τη χρήση του λογισμικού MATLAB για το σχεδιασμό ελεγκτών σε διάφορα προβλήματα αυτομάτου ελέγχου (16 ώρες στο εργαστήριο).
- Χειμερινά εξάμηνα 1998-2000: Έχω βοηθήσει στο εργαστήριο του μαθήματος *Ευφυή Συστήματα Ρομπότ* στο τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών του Αριστοτέλειου Πανεπιστήμιου Θεσσαλονίκης (15 ώρες στο εργαστήριο ανά εξάμηνο).
- Εαρινά εξάμηνα 1999-2001: Έχω βοηθήσει στο εργαστήριο του μαθήματος *Συστήματα Αυτομάτου Ελέγχου*, στο τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών του Αριστοτέλειου Πανεπιστήμιου Θεσσαλονίκης (15 ώρες στο εργαστήριο ανά εξάμηνο).
- Χειμερινά εξάμηνα 1999-2000: Έχω βοηθήσει στο εργαστήριο του μαθήματος *Κλασσικός Αυτόματος Έλεγχος* στο τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών του Αριστοτέλειου Πανεπιστήμιου Θεσσαλονίκης (20 ώρες στο εργαστήριο ανά εξάμηνο).
- Μάιος 2000: Εισηγητής σεμιναρίου σε θέματα 1) Νευρωνικών Δικτύων, και 2) Νευρο-ασαφούς Ελέγχου, που οργανώθηκε στην Πολυτεχνική Σχολή του Αριστοτέλειου Πανεπιστήμιου Θεσσαλονίκης στα πλαίσια του ανθρώπινου δικτύου "ΚΤΗΣΙΒΙΟΣ" με χορηγία της Γενικής Γραμματείας Έρευνας και Τεχνολογίας (9 διδακτικές ώρες).
- 2000-2002: Διδασκαλία του εργαστηριακού μαθήματος "Ευφυής Έλεγχος" στο τμήμα Αυτοματισμού του Τεχνολογικού Εκπαιδευτικού Ιδρύματος (ΤΕΙ) Θεσσαλονίκης με την ιδιότητα του επιστημονικού συνεργάτη με πλήρη προσόντα.
- 2001-2002: Διδασκαλία των εργαστηριακών μαθημάτων 1) "Τεχνητή Νοημοσύνη", και 2) "Μεθοδολογίες Προγραμματισμού" στο τμήμα Πληροφορικής του Τεχνολογικού Εκπαιδευτικού Ιδρύματος (ΤΕΙ) Θεσσαλονίκης με την ιδιότητα του επιστημονικού συνεργάτη με πλήρη προσόντα.
- 2004-2005: Διδασκαλία του μαθήματος "Μηχανική Μάθηση" (Machine Learning) στο Διαπανεπιστημιακό Διατμηματικό Πρόγραμμα Μεταπτυχιακών Σπουδών "Προηγμένα Συστήματα Υπολογιστών και Επικοινωνιών" με Διευθυντή του προγράμματος τον καθ. Βασ. Πετρίδη του τμήματος Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών του Α.Π.Θ.
- 2002- : Διδασκαλία των μαθημάτων 1) «Νοήμονα Συστήματα», 2) «Τεχνητή Νοημοσύνη & Λογικός Προγραμματισμός», και 3) «Ρομποτική & Βιομηχανικά Συστήματα Αυτοματισμού» στο τμήμα Βιομηχανικής Πληροφορικής του Τεχνολογικού Εκπαιδευτικού Ιδρύματος (ΤΕΙ) Ανατολικής Μακεδονίας και Θράκης με την ιδιότητα του Καθηγητή.

Συμμετοχές

(κατόπιν κρίσης)

Διακρατικές Μορφωτικές Ανταλλαγές

[ΜΑ#1] Επιλέχθηκε, κατόπιν αιτήσεώς του, από το Τμήμα Διαπανεπιστημιακών Σχέσεων του Υπουργείου Παιδείας Δια Βίου Μάθησης και Θρησκευμάτων ως ο ένας από τους 2 Έλληνες επιστήμονες για να επισκεφτεί ως τακτικό μέλος (μέσω Διμερούς Προγράμματος Μορφωτικών Ανταλλαγών έτους 2011) τη Φλάνδρα Βελγίου. Αιτήσεις υποβλήθηκαν πανελλήνια από α) μέλη της Ακαδημίας Αθηνών, β) το διδακτικό και διοικητικό προσωπικό των Ιδρυμάτων Ανώτατης Εκπαίδευσης και γ) Ερευνητές/Υποψηφίους Διδάκτορες. Συνολικά επιλέχθηκαν 46 τακτικά μέλη πανελλήνια προς όλα τα συμβαλλόμενα κράτη. Ο Καθηγ. Καμπουρλάζος, κατόπιν πρόσκλησης του εκεί Καθηγητή Da Ruan, επισκέφθηκε το Πανεπιστήμιο της Γάνδης από 4 έως 8 Σεπτεμβρίου 2011 για να δώσει μια σειρά διαλέξεων και να συνεργαστεί με εκεί συναδέλφους σε θέματα (μαθηματικής) ενοποίησης της Πληροφορικής.

[ΜΑ#2] Στις 11 Ιουνίου 2013, στα πλαίσια του εκπαιδευτικού προγράμματος Erasmus, επισκέφθηκε το τμήμα Département du Signale at des Images, CNRS LTCI, Telecom Paris Tech στο Παρίσι (Γαλλία) κατόπιν πρόσκλησης της καθηγήτριας Isabelle Bloch για συνεργασία και ανταλλαγή απόψεων σε θέματα ψηφιακής επεξεργασίας σημάτων και υπολογισμού σε πλέγματα.

Στις 12 Ιουνίου 2013, στα πλαίσια του εκπαιδευτικού προγράμματος Erasmus, επισκέφθηκε το εργαστήριο Verimag, Integrative Research Center (CRI) στην Grenoble (Γαλλία) κατόπιν πρόσκλησης του καθηγητή Joseph Sifakis για συνεργασία και ανταλλαγή απόψεων σε θέματα ενοποίησης αναλογικών και ψηφιακών μοντέλων συστημάτων και υπολογισμού σε πλέγματα.

[ΜΑ#3] Στις 29-31 Οκτωβρίου 2014, στα πλαίσια του εκπαιδευτικού προγράμματος Erasmus, επισκέφθηκε το Institut für Neuroinformatik στο Ruhr-Universität Bochum (Γερμανία) κατόπιν πρόσκλησης του καθηγητή Gregor Schöner για συνεργασία και ανταλλαγή απόψεων σχετικά με το ενδεχόμενο υποβολής κοινής ερευνητικής πρότασης στα πλαίσια του Ευρωπαϊκού προγράμματος πλαισίου Horizon 2020.

Μέλος σε

1) Τεχνικό Επιμελητήριο της Ελλάδας.
2) IEEE Computational Intelligence Society.
3) IEEE Systems, Man, and Cybernetics Society.
4) IEEE Computer Society.
5) Sigma Xi, the Scientific Research Society (Ελβετία).
6) Phi Kappa Phi, the National Honor Society (ΗΠΑ).
7) Tau Beta Pi, the National Engineering Honor Society (ΗΠΑ).
8) Eta Kappa Nu, the Electrical Engineering Honor Society (ΗΠΑ).
9) Delta Phi Alpha, the German Honor Society (ΗΠΑ).
10) EUCogIII – 3rd European Network for the Advancement of Artificial Cognitive Systems, Interaction and Robotics (Ευρωπαϊκή Ένωση).

Διάφορα

Αξιολογητής Χρηματοδοτούμενων Ερευνητικών Προγραμμάτων

1) 2 Οκτωβρίου 2013: Πρόσκληση αξιολόγησης των υποψηφιοτήτων που υποβλήθηκαν στο πλαίσιο του Διαγωνισμού «Βραβείο Έρευνας – Νέος Ερευνητής» για το έτος 2013, του Ιδρύματος Προώθησης Έρευνας (ΙΠΕ) της Κυβέρνησης της Κυπριακής Δημοκρατίας με πεδία εξειδίκευσης κριτή: (α) Computational Neuroscience (β) Computational Intelligence (γ) Machine Learning.

Κριτής στα παρακάτω περιοδικά του Science Citation Index

1) IEEE Transactions on Systems, Man and Cybernetics.
2) IEEE Transactions on Neural Networks.
3) IEEE Transactions on Fuzzy Systems.
4) IEEE Intelligent Systems.
5) Neural Networks.
6) Decision Support Systems.
7) Information Sciences.
8) Journal of Multiple-Valued Logic and Soft Computing.
9) Neurocomputing.
10) Computers and Mathematics with Applications.
11) Journal of Information Science.

12) Engineering Intelligent Systems.
13) IEEE Intelligent Systems
14) Neural Network World.
15) Journal of Mathematical Imaging and Vision.
16) Neural Computing & Applications.
17) Mathematical and Computer Modelling.
18) Soft Computing.
19) Mathematical Problems in Engineering.
20) IET Image Processing.
21) Advances in Fuzzy Systems.
22) Annals of Mathematics and Artificial Intelligence.
23) Artificial Intelligence Review.
24) Information Fusion.
25) Pattern Recognition Letters.
26) Sensors.
27) IEEE Computational Intelligence Magazine.
28) Computational Intelligence and Neuroscience.
29) Iranian Journal of Fuzzy Systems.

Διοργάνωση συνεδρίων

[ΔΣ#1] Διεθνές συνέδριο International Conference on Fuzzy Systems (FUZZ-IEEE 2004) 25-29 July 2004, Budapest, Hungary. Προεδρεύων μιας συνεδρίασης (poster) με τίτλο: "System Architectures and Hardware", Tuesday, July 27, 5:30PM-7:00PM.

[ΔΣ#2] Διεθνές συνέδριο Optics and Photonics 2005 (sponsored by SPIE – The International Society for Optical Engineering), 31 July – 4 August 2005, San Diego, California, USA. Μέλος της οργανωτικής επιτροπής (Program Committee) της συνεδρίασης OEI321 με τίτλο: "Fuzzy Set Theory and Neural Network Methods in Image Analysis and Pattern Recognition" (με προεδρεύοντες τους G.X. Ritter & I.L.D.L. Santiago).

[ΔΣ#3] Παγκόσμιο συνέδριο World Congress on Computational Intelligence (WCCI 2006) 16-21 July 2006, Vancouver, BC, Canada. Επικεφαλής προεδρεύων (lead chairman) τριών προφορικών (oral) ειδικών συνεδριάσεων (special sessions) με κοινό τίτλο: "Computational Intelligence Based on Lattice Theory" στο πρόγραμμα FUZZ-IEEE 2006. Άλλοι δύο προεδρεύοντες ήταν οι Gerhard Ritter και Michael Georgiopoulos.

[ΔΣ#4] Διεθνές συνέδριο 8th International Conference on Natural Computing**,** 15-22 July 2007, Salt Lake City, Utah, USA. Μέλος της οργανωτικής επιτροπής (Program Committee) με προεδρεύοντα τον Manuel Graña.

[ΔΣ#5] Παγκόσμιο συνέδριο World Congress on Computational Intelligence (WCCI 2008) 1-6 June 2008, Hong Kong, China. Μέλος της οργανωτικής επιτροπής (Technical Committee).

[ΔΣ#6] Διεθνές συνέδριο Concept Lattices and Their Applications (CLA 2008) 21-23 October 2008, Olomouc, The Czech Republic. Επικεφαλής προεδρεύων (lead chairman) εργαστηρίου (workshop) με τίτλο: "Lattice-Based Modeling". Άλλοι δύο προεδρεύοντες ήταν οι Uta Priss και Manuel Graña.

[ΔΣ#7] Διεθνές συνέδριο Statistical Technics in Pattern Recognition (SPR 2008), 4-22 December 2008, Orlando, Florida, USA. Μέλος της οργανωτικής επιτροπής (Program Committee) με προεδρεύοντα τον Michael Georgiopoulos.

[ΔΣ#8] Διεθνές συνέδριο 4th International ICSC Symposium on Information Technologies in Environmental Engineering (ITEE) 2009, 28-29 May 2009, Thessaloniki, Greece. Μέλος της οργανωτικής επιτροπής (Program Committee) με προεδρεύοντες τους Ioannis N. Athanasiadis, Pericles A. Mitkas, Andrea-Emilio Rizzoli, Jorge Marx-Gómez.

[ΔΣ#9] Διεθνές συνέδριο 5th International Conference on Hybrid Artificial Intelligence Systems (HAIS'10) 23-25 June 2010, San Sebastián, Spain. Επικεφαλής προεδρεύων (lead chairman) δύο προφορικών (oral) ειδικών συνεδριάσεων (Special Session SS12) με κοινό τίτλο "Hybrid Artificial Intelligence Systems Based on Lattice Theory". Άλλοι δύο προεδρεύοντες ήταν οι Cliff Joslyn και Juan Humberto Sossa.

[ΔΣ#10] Διεθνές συνέδριο 2011 International Joint Conference on Neural Networks (IJCNN 2011), 31 July - 5 August 2011, San Jose, California, USA. Μέλος (πρόεδρος μιας ενότητας) εντός της οργανωτικής επιτροπής (Program Committee, session chair) με προεδρεύουσα (Program Chair) την Hava Siegelmann.

[ΔΣ#11] Διεθνές συνέδριο The 8th International Conference on Concept Lattices and Their Applications (CLA 2011), 17-21 October 2011, INRIA Nancy Grand Est/LORIA Nancy, France. Μέλος (πρόεδρος μιας ενότητας) εντός της οργανωτικής επιτροπής (Program Committee, session chair) με προεδρεύοντες (Program Chairs) τους Amedeo Napoli και Vilem Vychodil.
[ΔΣ#12] Διεθνές συνέδριο 7th International Conference on Hybrid Artificial Intelligence Systems (HAIS'12) 28-30 March 2012, Salamanca, Spain. Μέλος της οργανωτικής επιτροπής (Program Committee) με προεδρεύοντα (General Chair) τον Emilio Corchado.
[ΔΣ#13] Διεθνές συνέδριο 10th International FLINS Conference on Uncertainty Modeling in Knowledge Engineering and Decision Making (FLINS 2012) 26-29 August 2012, Istanbul, Turkey. Προεδρεύων (chairman) δύο προφορικών (oral) ειδικών συνεδριάσεων (Special Session) με κοινό τίτλο "Logic Algebra, Algebraic Logic and Their Applications". Άλλοι δύο προεδρεύοντες ήταν οι Yang Xu και Jun Liu.
[ΔΣ#14] Διεθνές συνέδριο The 9th International Conference on Concept Lattices and Their Applications (CLA 2012), 11-14 October 2012, Fuengirola (Málaga), Spain. Μέλος (πρόεδρος μιας ενότητας) εντός της οργανωτικής επιτροπής (Program Committee, session chair) με προεδρεύοντες (Program Chairs) τους Uta Priss και Laszlo Szathmary.
[ΔΣ#15] Διεθνές συνέδριο The 10th International Conference on Concept Lattices and Their Applications (CLA 2013), 15-18 October 2013, La Rochelle, France. Μέλος (πρόεδρος μιας ενότητας) εντός της οργανωτικής επιτροπής (Program Committee, session chair) με προεδρεύοντες (Program Chairs) τους Manuel Ojeda-Aciego και Jan Outrata.
[ΔΣ#16] Διεθνές συνέδριο 2013 IEEE International Conference on Imaging Systems and Techniques (IST 2013) 22-23 October 2013 Beijung, China. Μέλος της τεχνικής οργανωτικής επιτροπής (Technical Program Committee) με προεδρεύοντα (General Chair) τον George Giakos.
[ΔΣ#17] Παγκόσμιο συνέδριο World Congress on Computational Intelligence (WCCI 2014) 6-11 July 2014, Beijing, China. Προεδρεύων (chairman) μιας προφορικής (oral) ειδικής συνεδρίασης (special session) με τίτλο: "Lattice Computing" στο πρόγραμμα FUZZ-IEEE 2014.
[ΔΣ#18] Διεθνές συνέδριο 16th International Conference on Computer as a Tool (EUROCON2015), 8-11 September 2015, University of Salamanca (Spain). Μέλος της οργανωτικής επιτροπής (Program Committee) με προεδρεύοντα (General Chair) τον Emilio Corchado.

Ομιλητής

[ΟΜ#1] Κεντρικός ομιλητής στην ετήσια συνάντηση της ερευνητικής κοινότητας Sigma-Xi, παράρτημα Ελβετίας, Βέρνη, 19/4/1997 με θέμα "Imitating Life: An Engineering Approach".
[ΟΜ#2] Ομιλητής στο σεμινάριο "Θεωρία, Εφαρμογές και Προοπτικές της Τεχνολογίας Νευρωνικών Δικτύων" που οργανώθηκε στη ΦΣΜ Σχολή του ΑΠΘ από το δίκτυο διάδοσης της Ε&Τ Γνώσης "ΝΕΥΡΩΝ" με χορηγία της ΓΓΕΤ. 13 Οκτώβρη 1997, Θεσ/νίκη.
[ΟΜ#3] Ομιλητής στην πρώτη Ημερίδα του ανθρώπινου δικτύου ΚΤΗΣΙΒΙΟΣ, Αθήνα, 23 Ιουνίου 2000, με θέμα "Εκπαιδευτικό Λογισμικό για Συστήματα Αυτομάτου Ελέγχου (ΕΛΣΑΕ)".
[ΟΜ#4] Προσκεκλημένος ομιλητής (invited speaker) στα πλαίσια του 9ου διεθνούς συνεδρίου IWANN'2007 (International Work-conference on Artificial Neural Networks) στο San Sebastian της Ισπανίας, 20-22 Ιουνίου 2007 με θέμα ομιλίας «Unified Analysis and Design of ART/SOM Neural Networks and FISs Based on Lattice Theory».
[ΟΜ#5] Ομιλητής στη συνεδρίαση Workshop B, Sunday 11 October 2009, 11:30-13:00 (με προεδρεύοντα τον Vincent Müller) στα πλαίσια της τέταρτης διάσκεψης του Ανθρώπινου Δικτύου "2nd European Network for the Advancement of Artificial Cognitive Systems, Interaction and Robotics (EUCogII)" στις 10-11 October 2009 στο Αμβούργο Γερμανίας με θέμα ομιλίας "AI Based on Lattice Theory".
[ΟΜ#6] Προσκεκλημένος ομιλητής (invited speaker) στα πλαίσια του εργαστηρίου (Workshop) με τίτλο «Trends on Computational Intelligence 2009» στο πανεπιστήμιο Universidad del Pais Vasco του San Sebastian της Ισπανίας, 9-11 Δεκεμβρίου 2009 με διοργανωτή τον εκεί καθηγητή Manuel Graña Romay του Τμήματος Computer Science and Artificial Intelligencekαι θέμα ομιλίας μου «Advantages of using Lattice Theory in Computational Intelligence».

[OM#7] Συμμετοχή στα 39 επιλεγμένα μέλη της ημερίδας με θέμα "Challenges for Cognitive Systems" στο Rapperswil της Ελβετίας 28-30 Ιανουαρίου 2011 στα πλαίσια του Ανθρώπινου Δικτύου "2nd European Network for the Advancement of Artificial Cognitive Systems, Interaction and Robotics". Σκοπός της ημερίδας ήταν η διαμόρφωση της μελλοντικής Ευρωπαϊκής πολιτικής στην έρευνα σε θέματα *Γνωσιακών Συστημάτων, Αλληλεπίδρασης & Ρομποτικής* (Artificial Cognitive Systems, Interaction and Robotics).
[OM#8] Διοργανωτής μιας παράλληλης συνεδρίασης με θέμα "Unified Lattice Computing for Unified Cognitive System Design and Applications" στα πλαίσια της τέταρτης διάσκεψης του Ανθρώπινου Δικτύου "2nd European Network for the Advancement of Artificial Cognitive Systems, Interaction and Robotics (EUCogII)" στις 11-12 Απριλίου 2011 στη Θεσσαλονίκη. Αυτή η πρωτοβουλία κατέληξε στη υποβολή μιας ερευνητικής πρότασης FP7 στην Ευρωπαϊκή Ένωση με μια κοινοπραξία 7 ερευνητικών ομάδων από Ισπανία (1), Ηνωμένο Βασίλειο (1), Βέλγιο (1), Σουηδία (1), Τσεχία (1) και Ελλάδα (2) επικεφαλής τον Καθηγητή Βασ. Καμπουρλάζο.
[OM#9] Ομιλητής στη συνεδρίαση Flashtalks by EUCog members, Thursday 11 April 2013, 16:30-17:30 (με προεδρεύοντα τον Vincent Müller) στα πλαίσια της τρίτης διάσκεψης του Ανθρώπινου Δικτύου "3rd European Network for the Advancement of Artificial Cognitive Systems, Interaction and Robotics (EUCogIII)" στις 10-11 April 2013 στην Palma de Mallorca της Μαγιόρκας με θέμα ομιλίας "The Novel, Lattice Computing Paradigm (LCparadigm) for Versatile Learning".
[OM#10] Εισηγητής δύο δίωρων διαλέξεων στο πανεπιστήμιο Southwest Jiaotong University στην πόλη Chengdu της επαρχίας Sichuan στην Κίνα, την Πέμπτη 3 Ιουλίου και την Παρασκευή 4 Ιουλίου 2014 στο τμήμα Electrical Engineering και στη σχολή School of Mathematics, αντίστοιχα, με κοινό θέμα "Lattice Computing", κατόπιν προσωπικής πρόσκλησης του καθηγητή Yang Xu της σχολής School of Mathematics.
[OM#11] Εισηγητής μιάς παρουσίασης με θέμα «GUardian Agent Robot squaDs (GUARDs)» στα πλαίσια της διημερίδας "Successful R&I in Europe 2014 - 6th European Networking" που διοργάνωσε το κρατίδιο της Ρηνανίας-Βεστφαλίας στην πόλη Düsseldorf (Γερμανία) στις 30-31 Νοεμβρίου 2014.
[OM#12] Εισηγητής μιας διάλεξης με θέμα «Improvements in Computational Intelligence based on Intervals' Numbers» που διοργάνωσε το Ινστιτούτο Computer Science Research Institute (CSRI) και ο εκεί Καθηγητής (Senior Lecturer n CS) Dr. Jun Liu του Πανεπιστημίου University of Ulster (Jordanstown Campus) στην πόλη Belfast (Βόρεια Ιρλανδία) στις 29 Απριλίου 2015.

<u>Ιδρυτικό Στέλεχος</u>

- Ιδρυτικό στέλεχος του Ελληνικού παραρτήματος της IEEE Education Society, 5 Δεκεμβρίου 2004, Αθήνα.

<u>Οργάνωση Ερευνητικών Σεμιναρίων</u>

- Ακαδημαϊκό έτος 2002-2003 στο ΤΕΙ Καβάλας διοργάνωσε μια σειρά ερευνητικών σεμιναρίων με συμμετοχή 5+9=14 ομιλητών από την τριτοβάθμια εκπαίδευση και την τοπική βιομηχανία.
- Ακαδημαϊκό έτος 2013-2014 στο ΤΕΙ ΑΜΘ διοργάνωσε μιά σειρά διαλέξεων (1 διάλεξη ανά μήνα) για τα μέλη ΔΕΠ του ΤΕΙ ΑΜΘ με σκοπό τη γνωστοποίηση των ερευνητικών και επιστημονικών τους ενδιαφερόντων.

<u>Επιβλέψεις Μεταπτυχιακών/Διδακτορικών</u>

- Επιβλέπων Καθηγητής σε μεταπτυχιακή εργασία στο ΤΕΙ Καβάλας.
- Επιβλέπων Καθηγητής σε διδακτορικό που απονεμήθηκε στον κ. Ivan Villaverde de la Nava τον Δεκέμβριο 2009 από το αντίστοιχο τμήμα Πληροφορικής του πανεπιστημίου της Χώρας των Βάσκων στην Ισπανία (Universidad del País Vasco, Ciencias de la Computación e Inteligencia Artificial, San Sebastian, Spain) με θέμα «On Computational Intelligence Tools for Vision Based Navigation of Mobile Robots» και υπεύθυνο τον καθηγητή Manuel Graña Romay του εκεί πανεπιστημίου. Ο κ. Ivan Villaverde de la Nava εκπόνησε μέρος του διδακτορικού του από 15 Σεπτεμβρίου 2008 έως 15 Δεκεμβρίου 2008 (3 μήνες), ως σπουδαστής ανταλλαγής, στο Τμήμα Βιομηχανικής Πληροφορικής του ΤΕΙ Καβάλας υπό την καθοδήγηση του Καθηγητή Βασ. Καμπουρλάζου.

• Επιβλέπων Καθηγητής σε διδακτορικό που απονεμήθηκε στην κ. Darya Chyzhyk τον Ιούλιο 2013 από το αντίστοιχο τμήμα Πληροφορικής του πανεπιστημίου της Χώρας των Βάσκων στην Ισπανία (Universidad del País Vasco, Ciencias de la Computación e Inteligencia Artificial, San Sebastian, Spain) με θέμα «Contributions of Lattice Computing to Medical Image Processing» και υπεύθυνο τον καθηγητή Manuel Graña Romay του εκεί πανεπιστημίου.

Διοικητικά

1) Ακαδημαϊκό έτος 1990-1991: Εκλεγμένος αντιπρόεδρος του σπουδαστικού τμήματος του Institute of Electrical and Electronics Engineers (IEEE) στη Northern Nevada.
2) 2003-2004, 2009-2011: Υπεύθυνος του Τομέα Υπολογιστικών Συστημάτων στο Τμήμα Βιομηχανικής Πληροφορικής του Τεχνολογικού Εκπαιδευτικού Ιδρύματος (ΤΕΙ) Καβάλας.
3) 2003-2004, 2009-2011: Αναπληρωτής Προϊστάμενος του Τμήματος Βιομηχανικής Πληροφορικής του Τεχνολογικού Εκπαιδευτικού Ιδρύματος (ΤΕΙ) Καβάλας.
4) 2004-2008: Προϊστάμενος του Τομέα Εφαρμογών Πληροφορικής στο Κέντρο Τεχνολογικής Έρευνας (ΚΤΕ) του Τεχνολογικού Εκπαιδευτικού Ιδρύματος (ΤΕΙ) Καβάλας.
5) 2009-today: Διευθυντής του εργαστηρίου «Αλληλεπίδραση-Ανθρώπου-με-Μηχανές» του Τμήματος Βιομηχανικής Πληροφορικής του Τεχνολογικού Εκπαιδευτικού Ιδρύματος (ΤΕΙ) Καβάλας (Η θεσμοθέτηση του εργαστηρίου αναμένεται).
6) 2011-2013: Προϊστάμενος του Τμήματος Βιομηχανικής Πληροφορικής του Τεχνολογικού Εκπαιδευτικού Ιδρύματος (ΤΕΙ) Καβάλας.
7) 2012-2016: Εκλεγμένο μέλος του Συμβουλίου Ιδρύματος του ΤΕΙ Ανατολικής Μακεδονίας και Θράκης.

Βαθμολογία

Μέσος όρος βαθμολογίας μεταπτυχιακών σπουδών στις ΗΠΑ (GPA) 4.0 /4.0.

Βραβείο κατά τη Διάρκεια των Μεταπτυχιακών Σπουδών

Βραβείο καλύτερου επιστημονικού άρθρου το 1990 σε διαγωνισμό μεταξύ των μεταπτυχιακών φοιτητών του Πανεπιστήμιου University of Nevada, Reno με τη χορηγία των ακαδημαϊκών κοινοτήτων Sigma-Xi και Phi-Kappa-Phi.

Τεχνική Εργασία κατά τη Διάρκεια των Προπτυχιακών Σπουδών

• Καλοκαίρι 1985: Συμμετέχοντας στο πρόγραμμα ανταλλαγής φοιτητών IAESTE της UNESCO, τεχνική εργασία στο University of Tel-Aviv στο Ισραήλ σχετικά με τροποποιήσεις του ηλεκτρονικού συστήματος εξοικονόμησης ενέργειας ενός "ηλιακού αυτοκινήτου".
• Καλοκαίρι 1986: Εργασία στη ΔΕΗ Ταύρου Αττικής στη συντήρηση των ηλεκτρονικών συστημάτων μέτρησης και κοστολόγησης βιομηχανικών πελατών.

Ξένες Γλώσσες

Αγγλικά, Ελληνικά. Εξοικείωση με Γερμανικά και Γαλλικά. Στοιχεία Ρώσικων.

Βιογραφικό

Καταχώρηση βιογραφικού στις παρακάτω εκδόσεις της εταιρίας "MARQUIS Who's Who", New Providence, NJ: 1) *Who's Who in Science and Engineering*, 2) *Who's Who in Finance and Industry*, και 3) *Who's Who in the World*.

ΚΑΤΑΛΟΓΟΣ ΔΗΜΟΣΙΕΥΣΕΩΝ

Ερευνητικές Μονογραφίες (ΕΜ)

[ΕΜ#1] V.G. Kaburlasos, *Towards a Unified Modeling and Knowledge-Representation Based on Lattice Theory – Computational Intelligence and Soft Computing Applications*. Heidelberg, Germany: Springer, series: Studies in Computational Intelligence, vol. 27, 2006, ISBN: 3-540-34169-2. (http://www.springer.com/3-540-34169-2).

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[ΕΤ#1] V.G. Kaburlasos, G.X. Ritter (eds.) *Computational Intelligence Based on Lattice Theory*. Heidelberg, Germany: Springer, series: Studies in Computational Intelligence, vol. 67, 2007, ISBN: 3-540-72686-9. (http://www.springer.com/3-540-72686-1).

[ΕΤ#2] V. Kaburlasos, U. Priss, M. Graña (eds.), *LBM 2008 (CLA 2008), Proceedings of the Lattice-Based Modeling Workshop, in conjunction with The Sixth International Conference on Concept Lattices and Their Applications*. Olomouc, The Czech Republic: Palacký University, 2008, ISBN: 978-80-244-2112-4.

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J [ΕΠ#2] V.G. Kaburlasos, V. Petridis, "Fuzzy lattice neurocomputing (FLN): a novel connectionist scheme for versatile learning and decision making by clustering", *International Journal of Computers and Their Applications*, vol. 4, no. 3, pp. 31-43, 1997.

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J [ΕΠ#27] V.G. Kaburlasos, L. Moussiades, "Induction of formal concepts by lattice computing techniques for tunable classification", *Journal of Engineering Science and Technology Review*, vol. 7, no. 1, pp. 1-8, 2014.

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Κεφάλαια Βιβλίων (ΚΒ)

[ΚΒ#1] V.G. Kaburlasos, V. Petridis, Learning and decision-making in the framework of fuzzy lattices. In: *New Learning Paradigms in Soft Computing*, L.C. Jain and J. Kacprzyk (eds.), pp. 55-96, 2002. Heidelberg, Germany: Physica-Verlag, series: Studies in Fuzziness and Soft Computing, vol. 84, ISBN: 3-7908-1436-9 (http://www.springer.com/3-7908-1436-9).

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[ΚΒ#3] V.G. Kaburlasos, Unified analysis and design of ART/SOM neural networks and fuzzy inference systems based on lattice theory. In: *Computational and Ambient Intelligence*, F. Sandoval, A. Prieto, J. Cabestany, M. Graña (eds.), pp. 80-93, 2007. Springer-Verlag, series: Lecture Notes Computer Science (LNCS), vol. 4507, ISBN: 3-540-73006-0.

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J [ΑΠ#1] V.G. Kaburlasos, "The engineering of scientific induction", *Journal of Liberal Arts*, vol. 4, no. 2, pp. 41-57, 1998.

ΥΠΟΜΝΗΜΑ:

SCI: Science Citation Index $\subset$ SCIE: SCI Expanded $\equiv$ Web of Science (WoS). J: other journal.

Journal Impact Factors

(το έτος δημοσίευσης)

Α/Α	Όνομα Περιοδικού	Impact Factor	Έτος Δημοσίευσης
1	IEEE Transactions on Knowledge and Data Engineering	- 1.040	1992 2001
2	International Journal of Computers and Their Applications	-	1997
3	IEEE Transactions on Neural Networks IEEE Transactions on Neural Networks and Learning Systems	1.405 4.37	1998 2013/4
4	IEEE Transactions on Fuzzy Systems	1.596 2.137 6.306	1999 2007 2013/4
5	IEEE Transactions on Information Technology in Biomedicine	1.118	1999
6	Neural Networks	1.221 2.000	2000 2006
7	Mathematics and Computers in Simulation	0.316	2002
8	IEEE Transactions on Education	0.428	2003
9	Journal of Machine Learning Research	4.317	2003
10	Journal of Intelligent Information Systems	0.941	2003
11	IEEE Transactions on Systems, Man and Cybernetics – Part B	1.052	2004
12	Informatica	0.456	2005
13	International Journal of General Systems	0.620	2006
14	International Journal of Approximate Reasoning	1.220	2007
15	Computers & Education	2.190	2008
16	Neurocomputing	2.126	2009
17	Information Sciences	2.833 2.833	2010 2011
18	IET Image Processing	0.639	2011
19	Journal of Mathematical Imaging and Vision	1.767	2012
20	International Journal of Intelligent Systems	1.416	2012
21	Pattern Recognition Letters	1.062	2013
22	Journal of Engineering Science and Technology Review	-	2014
23	Information Fusion	3.472	2013/4
24	Journal of Multiple Valued Logic and Soft Computing	0.667	2013/4
25	Engineering Applications of Artificial Intelligence	1.962	2013/4

Δημοσιεύσεις σε Συνέδρια (Σ)

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[Σ#2] P.H. Goodman, D.D. Egbert, V.G. Kaburlasos, "Whiplash detection using neural network processing of infrared thermograms", *Proceedings of the 18th Annual Meetings American Academy of Thermology*, Johns Hopkins, 17-19 May 1989, and an abstract in *The Journal of the American Academy of Thermology and The Intl College of Thermology*, Vol. 3, No. 2, 1989, pp. 139.

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ΑΝΤΙΧΤΥΠΟΣ

(κάθε εργασία μου έλαβε τις παρακάτω ετερο-αναφορές)

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ΥΠΟΜΝΗΜΑ:

SCI: Science Citation Index.
J: (other) Journal.
BK: BooK.
pt: patent.
conf: conference.
T: Tutorial.

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	ΚΑΤΑΝΟΜΗ ΕΤΕΡΟ-ΑΝΑΦΟΡΩΝ ανά ΔΗΜΟΣΙΕΥΜΑ						
ΕΜ#1	33		ΕΠ#18	6		Σ#10	5
ΕΤ#1	28		ΕΠ#19	19		Σ#11	1
ΕΤ#2			ΕΠ#20	9		Σ#12	12
ΕΤ#3	3		ΕΠ#21	17		Σ#17	1
ΚΒ#1	7		ΕΠ#22	21		Σ#18	3
ΚΒ#2	2		ΕΠ#23	7		Σ#19	6
ΚΒ#3	1		ΕΠ#24	3		Σ#23	3
ΚΒ#4			ΕΠ#25	9		Σ#24	1
ΚΒ#5			ΕΠ#26	7		Σ#28	19
ΕΠ#1	3		ΕΠ#27	1		Σ#30	1
ΕΠ#2	15		ΕΠ#28	8		Σ#32	2
ΕΠ#3	63		ΕΠ#29	1		Σ#33	13
ΕΠ#4	22		ΕΠ#30	1		Σ#35	4
ΕΠ#5	7		ΕΠ#31			Σ#36	6
ΕΠ#6	60		ΕΠ#32			Σ#40	3
ΕΠ#7	23					Σ#41	3
ΕΠ#8	4					Σ#42	12
ΕΠ#9	19					Σ#46	2
ΕΠ#10	13					Σ#47	1
ΕΠ#11	59					Σ#50	14
ΕΠ#12	15					Σ#51	3
ΕΠ#13	8					Σ#52	1
ΕΠ#14	7					Σ#59	9
ΕΠ#15	15		Σ#3	1		Σ#65	7
ΕΠ#16	10		Σ#6	1		Σ#67	2
ΕΠ#17	46		Σ#8	1		Σ#75	1

ΥΠΟΜΝΗΜΑ:

ΕΜ: Ερευνητική Μονογραφία.
ΚΒ: Κεφάλαιο Βιβλίου.
ΕΠ: Επιστημονικό Περιοδικό.
Σ: Συνέδριο.

	ΚΑΤΑΝΟΜΗ ΕΤΕΡΟ-ΑΝΑΦΟΡΩΝ ανά ΕΤΟΣ ανά ΕΙΔΟΣ ΔΗΜΟΣΙΕΥΜΑΤΟΣ						
ΕΤΟΣ	SCIE	J	BK	pt	conf	T	**ΣΥΝΟΛΟ**
1992	2						2
1993		2					2
1994	1				1		2
1995							
1996	2						2
1997							
1998	1		1				2
1999					2		2
2000	1		2		3		6
2001	2	4	1		1		8
2002	4	3		1			8
2003	6	3	1		4	1	15
2004	6	4	1		9		20
2005	8	4	4		12	1	29
2006	8	8	9		26	2	53
2007	6	8	42	1	16		73
2008	13	3	5	1	43	1	66
2009	21	12	6		9	2	50
2010	13	8	5		10		36
2011	33	8	1		13		55
2012	45	17	7		28		97
2013	54	30	1		14		109
2014	49	24			4		77
2015	5	1					6
ΣΥΝΟΛΟ	280	139	86	3	195	7	711

ΥΠΟΜΝΗΜΑ (ΕΙΔΟΣ ΔΗΜΟΣΙΕΥΜΑΤΟΣ):

SCIE: Science Citation Index Expanded.
J: (other) Journal.
BK: BooK.
pt: patent.
conf: conference.
T: Tutorial.

Υπολογισμός του h-index

α/α	ID δημοσίευσης	Αριθμός ετερο-αναφορών
1	ΕΠ#3	**63**
2	ΕΠ#6	**60**
3	ΕΠ#11	**59**
4	ΕΠ#17	**46**
5	ΕΜ#1	**33**
6	ΕΤ#1	**28**
7	ΕΠ#7	**23**
8	ΕΠ#4	**22**
9	ΕΠ#22	**21**
10	Σ#28	**19**
11	ΕΠ#9	**19**
12	ΕΠ#19	**19**
13	ΕΠ#21	**17**
14	ΕΠ#12	**15**
15	ΕΠ#15	**15**
16	ΕΠ#2	15
17	Σ#50	14
18	ΕΠ#10	13
19	Σ#33	13
20	Σ#42	12
21	Σ#12	12
22	ΕΠ#16	10
23	Σ#59	9
24	ΕΠ#20	9
25	ΕΠ#25	9
26	ΕΠ#13	8
27	ΕΠ#28	8
28	ΕΠ#14	7
29	ΕΠ#5	7
30	ΚΒ#1	7
31	Σ#65	7
32	ΕΠ#26	7
33	ΕΠ#23	7
34	Σ#36	6
35	ΕΠ#18	6
36	Σ#19	6

Άρα,

h-index = 15