ΓΕΩΡΓΙΟΣ-ΟΘΩΝ ΓΛΕΝΤΗΣ

ΚΑΘΗΓΗΤΗΣ ΠΑΝΕΠΙΣΤΗΜΙΟΥ ΠΕΛΟΠΟΝΝΗΣΟΥ

Ο Γιώργος-Όθων Γλέντης έλαβε το Πτυχίο Φυσικής το 1987 και Διδακτορικό Δίπλωμα στην Πληροφορική το 1991, από το Εθνικό και Καποδιστριακό Πανεπιστήμιο Αθηνών. Από το 1988-1991, πραγματοποίησε τετραετή υποτροφία έρευνας στο Ινστιτούτο Πληροφορικής του Εθνικού Κέντρου Φυσικής Επιστήμης, ΔΗΜΟΚΡΙΤΟΣ. Από το 1993-1995 εργάστηκε από το Τμήμα Ηλεκτρολόγων Μηχανικών του Πανεπιστημίου του Twente της Ολλανδίας και στο Faculte des Sciences Appliquees Universite Catholique de Louvain του Βελγίου ως μεταδιδακτορικός ερευνητής χρηματοδοτούμενος από την Ευρωπαϊκή Ένωση (TMR, HCM). Από το 1996-1997 εργάστηκε στο Τμήμα Πληροφορικής του Πανεπιστημίου Αθηνών ως μεταδιδακτορικός ερευνητής χρηματοδοτούμενος από την Ευρωπαϊκή Ένωση (TMR). Από το 1998 έως το 2005 ήταν αναπληρωτής καθηγητής στο Τμήμα Ηλεκτρονικών, Τεχνολογικό Εκπαιδευτικό Ίδρυμα Κρήτης, Χανίων. Το 2005 έγινε αναπληρωτής καθηγητής στο Τμήμα Επιστήμης και Τεχνολογίας Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου με γνωστικό αντικείμενο 'Στατιστική επεξεργασία σήματος και εικόνας', ενώ από το 2015 υπηρετεί ως καθηγητής στο Τμήμα Πληροφορικής και Τηλεπικοινωνιών του Πανεπιστημίου Πελοποννήσου. Κατά τη διάρκεια του καλοκαιριού του 2011 ήταν στο Εργαστήριο Φασματικής Ανάλυσης, University of Florida, ως επισκέπτης αναπληρωτής καθηγητής. Τα ερευνητικά του ενδιαφέροντα περιλαμβάνουν την επεξεργασία σήματος και εικόνας και εφαρμογές. Έχει δημοσιεύσει πάνω από 120 άρθρα σε διεθνή περιοδικά και συνέδρια.

Το ερευνητικό έργο περιλαμβάνει θέματα που εκτείνονται σε μια μεγάλη περιοχή θεωρίας και εφαρμογών σχετικά με την επεξεργασία σήματος και εικόνας και της μηχανικής των αλγόριθμων σε τομείς της Πληροφορικής και των Τηλεπικοινωνιών. Προτείνονται καινοτόμες τεχνικές για την επίλυση θεμελιωδών θεμάτων στη μηχανική των αλγόριθμων δομημένων γραμμικών συστημάτων εξισώσεων μεγάλης διάστασης και εφαρμογές για τη μοντελοποίηση, την ταυτοποίηση, την ανάλυση και την προσομοίωση γραμμικών και μη γραμμικών πολυμεταβλητών και πολυδιάστατων σημάτων και συστημάτων. Αναπτύσσονται αποτελεσματικοί αλγόριθμοι υψηλής επίδοσης, με έμφαση στη μειωμένη υπολογιστική πολυπλοκότητα, την ικανότητα προσαρμογής, την ταχύτητα σύγκλισης, την παραλληλία, τη ρωμαλεότητα και την ευστάθεια, κατάλληλοι για υλοποίηση σε αρχιτεκτονικές υλικού ειδικού σκοπού. Το πεδίο εφαρμογής του ερευνητικού έργου περιλαμβάνει μεταξύ άλλων, την ισοστάθμιση γραμμικών και μη γραμμικών ασύρματων και ενσύρματων τηλεπικοινωνιακών διαύλων, τη φασματική εκτίμηση στοχαστικών μονοδιάστατων και δισδιάστατων σημάτων, για την περίπτωση γνωστών ακολουθιών δεδομένων και για την περίπτωση ακολουθιών με ελλιπή δεδομένα, την υπολογιστική απεικόνιση υπερυψηλής ανάλυσης σε συστήματα ραντάρ SAR/ISAR και σε συστήματα τομογραφίας οπτικής συνοχής (OCT).

Έχει συμμετάσχει σε πληθώρα ερευνητικών έργων. Είναι επιστημονικός υπεύθυνος της ομάδας έργου του Παν. Πελοποννήσου, στο έργο με τίτλο «ΕΣΘΙΣΗΣ: Έξυπνο Σύστημα αισΘητήρων ανΙχνευσηΣ διαρροΗς σε αγωγούς μεταφοράΣ προϊόντων πετρελαίου σε περιβάλλον θορύβου» της δράσης με τίτλο «ΕΡΕΥΝΩ - ΔΗΜΙΟΥΡΓΩ -ΚΑΙΝΟΤΟΜΩ» (ΕΠΑνΕΚ) (2018-2012) (€ 168.000,00). Κατά το διάστημα 2012-2015 ήταν Επιστημονικός Υπεύθυνος του έργου με τίτλο (ΠΡΟΤΟΜΗ): ΠΡΟσαρμοστική Τεχνολογία στην Οπτική ΜετάδοσΗ, που χρηματοδοτήθηκε στα πλαίσια του προγράμματος «ΘΑΛΗΣ: Ενίσχυση της Διεπιστημονικής ή και Διιδρυματικής έρευνας και καινοτομίας με δυνατότητα προσέλκυσης ερευνητών υψηλού επιπέδου από το εξωτερικό μέσω της διενέργειας βασικής και εφαρμοσμένης έρευνας αριστείας» (€ 587.664,00) .

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