Βιογραφικό Σημείωμα

Αναστάσιος Δ. Δουλάμης
Μόνιμος Επίκουρος Καθηγητής Εθνικού Μετσοβίου Πολυτεχνείου

1. Ατομικά Στοιχεία

ΕΠΩΝΥΜΟ	:	ΔΟΥΛΑΜΗΣ
ΟΝΟΜΑ	:	ΑΝΑΣΤΑΣΙΟΣ
ΟΝΟΜΑ ΠΑΤΡΟΣ	:	ΔΗΜΗΤΡΙΟΣ
ΔΙΕΥΘΥΝΣΗ ΕΠΙΚΟΙΝΩΝΙΑΣ ΕΠΑΓΓΕΛΜΑΤΙΚΗ	:	Αγρονόμων Τοπογράφων Μηχ. Ε.Μ.Π.
ΘΕΣΗ	:	Μόνιμος Επίκουρος Καθηγητής Εθνικό Μετσόβιο Πολυτεχνείο
ΤΗΛΕΦΩΝΟ	:	(ΣΤΑΘΕΡΟ, ΓΡΑΦΕΙΟΥ) 210 772 2676, (ΚΙΝΗΤΟ) 6977747728
ΚΑΤΑΣΤΑΣΗ : ;		ΕΓΓΑΜΟΣ
EMAIL	:	adoulam@cs.ntua.gr

2. Σπουδές

1. **Διδακτορικό Διατριβή, Φεβρουάριος 2001:**
   Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών, Εθνικό Μετσόβιο Πολυτεχνείο, Αθήνα. Διδακτορικό Δίπλωμα Μηχανικού στο τομέα Τεχνολογίας Υπολογιστών και Υπολογιστών.

2. **Δίπλωμα Μηχανικού Ε.Μ.Π., Ιούλιος 1995:**
   Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών, Εθνικό Μετσόβιο Πολυτεχνείο, Αθήνα. Δίπλωμα Ηλεκτρολόγου Μηχανικού. **Βαθμός διπλώματος: 9.52/10 (άριστα, 2ος στο έτος του ανάμεσα σε όλους του συμμαθητές του, 3ος σε όλους τους αποφοιτήσαντες το 1995)**

3. **Απολυτήριο Λυκείου, Ιούνιος 1990:**
   5ο Γενικό Λύκειο Αιγάλεω. **Βαθμός Απολυτηρίου: 19 & 8/10 (άριστα, 1ος σε όλο το Λύκειο)**

4. **Απολυτήριο Γυμνασίου, Ιούνιος 1987:**
   4ο Γυμνάσιο Αιγάλεω. **Βαθμός Απολυτηρίου: 19 &12/14 (άριστα, 1ος σε όλο το Γυμνάσιο)**

3. Επαγγελματική Εμπειρία

1. **Μονιμοποίηση στην βαθμίδα του Επίκουρου Καθηγητή** στις 22 Ιανουαρίου 2019 μετά από εκλογή.
2. **Επίκουρος με Θητεία, Εθνικού Μετσοβίου Πολυτεχνείου, Νοέμβριος 2015 έως σήμερα**
   Σχολή Αγρονόμων Τοπογράφων Μηχ. **Μονιμοποίηση μετά από εκλογή στις 22/1/2019.**
3. **Λέκτορας, Εθνικού Μετσοβίου Πολυτεχνείου, Ιανουάριος 2014 έως Νοέμβριος 2015**
   Σχολή Αγρονόμων Τοπογράφων Μηχ.
4. **Αναπληρωτής Καθηγητής. Πολυτεχνείο Κρήτης, Οκτώβριος 2013-Ιανουάριος 2014**
   Σχολή Μηχανικών Παραγωγής και Διοίκησης.
5. **Επίκουρος Καθηγητής, Πολυτεχνείο Κρήτης, Σεπτέμβριος 2006-Οκτώβριος 2013**
   Τμήμα Μηχανικών Παραγωγής και Διοίκησης. **Μονιμοποίηση μετά από Εκλογή Σεπτέμβριος 2010.**
6. **Επισκέπτης Καθηγητής, Πολυτεχνείο Κρήτης, Οκτώβριος 2005- Φεβρουάριος 2006**
   Τμήμα Μηχανικών Παραγωγής και Διοίκησης.
7. **Επισκέπτης Καθηγητής με βάση το Π.Δ. 407**, Παν. Κρήτης, Μάρτιος 2004- Φεβρουάριος 2007

Τμήμα Επιστήμης Υπολογιστών.

8. **Επιστημονικός Συνεργάτης, ΤΕΙ Αθηνών, Σεπτέμβριος 2002- Αύγουστος 2004**
Τμήμα Ηλεκτρονικής.

9. **Επιστημονικός Συνεργάτης, ΤΕΙ Αθηνών, Σεπτέμβριος 2004- Αύγουστος 2010**
Τμήμα Πληροφορικής.

10. **Επισκέπτης Καθηγητής με βάση το Π.Δ. 407**, Εθνικό Μετσόβιο Πολυτεχνείο, Σεπτέμβριος 2002- Αύγουστος 2004
Σχολή Εφαρμοσμένων Μαθηματικών και Φυσικών Επιστημών.

4. Ακαδημαϊκές Διακρίσεις

1. **Ευρωπαϊκή Ένωση, 2007**
Επιλογή με βάση το βιογραφικό σημείωμα ως ένας ανάμεσα από τους 559 καλύτερους νέους ερευνητές που εργάζονται στην Ευρωπαϊκή Ένωση σε όλους τους επιστημονικούς τομείς (θετικούς, Ιατρικούς, θεωρητικούς) μεταξύ 9143 υποψήφιων ερευνητών.
Η επιλογή έγινε στο γνωστικό αντικείμενο της όρασης υπολογιστών, με πρόταση με τίτλο IDEAS: COGMEDIA: Understanding Media Content Nearly the Same as Humans Do"

2. **Βραβείο Καλύτερου Άρθρου**

Marinos Ioannides, Andreas Hadjiprocopis, Nikolaos Doulamis, Anastasios Doulamis, Eftychios Protopapadakis, Kostas Makantasis, Pedro Santos, Dieter Fellner, Andre Stork, Olivier Balet, Martine J. Julien, Guenther Weinlinger, Paul S. Johnson, Michael Klein, Dieter Fritsch, " On line 4D Reconstruction Using Multi-Images Available Under Open Access," *ISPRS Annals of Photogrammetry, Remote Sensing and Spatial Information Sciences*, (1):169–174, Strasbourg, 2-6 September 2013. **Best Paper Award.**

Eftychios Protopapadakis, Anastasios Doulamis, Nikolaos Matsatsinis, "Semi-Supervised Image Meta-Filtering in Cultural Heritage Applications," *International Conference on Cultural Heritage*, pp. 102-110, Limassol, Cyprus, 2014 published in Lectures Notes in Computer Science, Springer Press. **Best Paper Award.**

Z. Kandylakis, K. Karantzalos, A. Doulamis, N. Doulamis, "Multiple Object Tracking with Background Estimation in Hyperspectral Video Sequences," IEEE Workshop on Hyperspactral Image and Signal Porcessing: Evolution in Remote Sensing, Tokyo, Japan, 2-5 June, 2015. **Best Paper Award**.

Eftychios E. Protopapadakis, Anastasios D. Doulamis, Konstantinos Makantasis, Athanasios S. Voulodimos, "A Semi-supervised Approach for Industrial Workflow Recognition," *The Second International Conference on Advanced Communications and Computation.* 2012. **Best Coferenece Paper Award**

3. **Τεχνικό Επιμελητήριο Ελλάδος**
α) «Αριστούχου φοιτητή» *συνεχής βράβευσης για 5 χρόνια.*
β) «Έπαινος διπλωματικής εργασίας»
γ) «Ειδικό βραβείο πρώτου μηχανικού φοιτητή στην Ελλάδα ανάμεσα σε όλους του μηχανικούς του έτους του ανεξαρτήτου ειδικότητας»

4. **Εθνικό Ίδρυμα Υποτροφιών (ΙΚΥ)**
«Υποτροφία ως ενός εκ των τριών πρώτων φοιτητών της Σχολής Ηλεκτρολόγων Μηχανικών & Μηχανικών Υπολογιστών στο έτος του», *συνεχής βράβευσης για 5 χρόνια.*

5. **Ίδρυμα Διαμαντή Πατέρα**
Υποτροφία για τις Ακαδημαϊκές του επιδόσεις

6. **Εθνικό Μετσόβιο Πολυτεχνείο**
«Μετάλλιο αποφοίτησης του Ε.Μ.Π. ως ένας από τρεις πρώτους αποφοιτήσαντες ηλεκτρολόγους μηχανικούς του ΕΜΠ»

7. **Ίδρυμα Υποτροφιών Μποδοσάκη**
«Υποτροφία για την εκπόνηση διδακτορικού». Συνεχής υποτροφία για τρία χρόνια (ανώτατο χρονικό όριο υποτροφιών). *Πρώτος υπότροφος ανάμεσα σε όλους του αιτούντες για όλες τις σχολές της Ελλάδος.*

8. **Ευγενείδειο Ίδρυμα**
Υποτροφία καλύτερου νεοεισαχθέντος μεταπτυχιακού φοιτητή στο Ε.Μ.Π.

9. **Θωμαΐδειο Ίδρυμα**
α) Υποτροφία για τις Ακαδημαϊκές του επιδόσεις
β) «Βράβευση για την εργασία [Π11]»

10. **Ερευνητικό Πανεπιστημιακό Ινστιτούτο Συστημάτων Επικοινωνιών & Υπολογιστών**
    «1ο Βραβείο μεταπτυχιακών σπουδών στο ΕΜΠ»

11. **Who is Who in Engineering**
    α) Επιλογή από το Who's Who
    β) Επιλογή ως Editor

12. **Oxford 2000 Best Worlds Intellectuals**
    Επιλογή για τις Ακαδημαϊκές του επιδόσεις

13. **Υπουργείο Εθνικής Παιδείας και Θρησκευμάτων**
    α) «Πρώτου μαθητή του Γυμνασίου/Λυκείου», *συνεχής βράβευσης για 6 χρόνια.*
    β) «Αριστούχου μαθητή», *συνεχής βράβευσης για 6 χρόνια.*

14. **Αγροτική Τράπεζα της Ελλάδος**
    «Πρώτου Μαθητή Γυμνασίου», *συνεχής Βράβευσης για 3 χρόνια.*

5. Διδακτική Δραστηριότητα

5.1. Αυτοδύναμη Διδακτική Εμπειρία

1. **Ως Μέλος ΔΕΠ Εθνικού Μετσοβίου Πολυτεχνείου ο κ. Αναστάσιος Δουλάμης έχει διδάσκει τα κάτωθι μαθήματα**
    α) Εισαγωγή στην Πληροφορική (Χειμερινό Εξάμηνο). Από Σεπτέμβριο 2014-Σήμερα
    β) Προγραμματιστικές Τεχνικές (Εαρινό Εξάμηνο). Από Μάρτιο 2014-Σεπτέμβριο 2015
    γ) Βάσεις Δεδομένων (Χειμερινό Εξάμηνο). Από Σεπτέμβριο 2014-Σεπτέμβριο 2015
    δ) Φωτογραμμετρία ΙΙ (Εαρινό Εξάμηνο). Από Μάρτιο 2014-Σήμερα.
    ε) Φωτογραμμετρία ΙΙΙ (Εαρινό Εξάμηνο). Από Σεπτέμβριο 2014-Σήμερα. Από τον Σεπτέμβριο του 2017 ο κύριος επισπεύδων του μαθήματος.
    στ)Εφαρμογές Διασυνδεδεμένων Ψηφιακών Συστημάτων, Μάθημα Σεπτέμβριος 2014-Σήμερα.
    ζ) Τεχνικές Αποτυπώσεων Μνημείων (Εαρινό Εξάμηνο). Από Μάρτιο 2014-Σεπτέμβριο 2015
    η) Μεγάλες Ασκήσεις Φωτογραμμετρίας (Εαρινό Εξάμηνο). Από Μάρτιο 2014-Σήμερα
    θ) Τεχνολογία Πολυμέσων (μεταπτυχιακό πρόγραμμα σπουδών, τεχνο-οικονομικά συστήματα), Από Σεπτέμβριο 2013-Σήμερα

2. **Ως Μέλος ΔΕΠ (Επίκουρος/Αναπληρωτής Καθηγητής) Πολυτεχνείου Κρήτης ο κ. Αναστάσιος Δουλάμης έχει διδάσκει τα κάτωθι μαθήματα**
    α) Τεχνική Νοημοσύνη (Χειμερινό Εξάμηνο). Από Σεπτέμβριο 2005-Σήμερα (το ακαδημαϊκό έτος 2005-2006 διδασκαλία ως Επίκουρος Καθηγητής με βάση το 407. Επιλογή ως εκλεγμένου αλλά μη διορισμένου μέλους ΔΕΠ.
    β) Ηλεκτρονικό Επιχειρείν (Εαρινό Εξάμηνο). Από Μάρτιο 2006-Σεπτέμβιο 2009.
    γ) Μεθοδολογία Προγραμματισμού (Χειμερινό Εξάμηνο). Από Σεπτέμβριο 2009-Ιανουάριος 2014.
    δ) Πληροφορικά Συστήματα (Μεταπτυχιακό, Εαρινό Εξάμηνο). Από Μάρτιο 2006-Σεπτέμβιο 2009.
    ε)Ειδικά θέματα Μηχανικής Μάθησης (Μεταπτυχιακό, Εαρινό Εξάμηνο). Από Μάρτιο 2010-Ιανουάριος 2014

3. **Ως Επίκουρος Καθηγητής με βάση το Π.Δ. 407 του Πανεπιστημίου Κρήτης ο κ. Αναστάσιος Δουλάμης έχει διδάσκει τα κάτωθι μαθήματα.**
    α) Τεχνολογία Πολυμέσων (Εαρινό Εξάμηνο). Από Μάρτιο 2004-Φεβρουάριο 2007.
    β) Αναγνώριση Προτύπων (Χειμερινό Εξάμηνο). Από Σεπτέμβριο 2005-Αυγούστο 2006.
    γ) Νευρωνικός Υπολογισμός (Χειμερινό Εξάμηνο). Από Σεπτέμβριο 2005-Αυγούστο 2006.
    δ) Προγραμματισμός Η/Υ, μάθημα που δόθηκε στο τμήμα μαθηματικών (Εαρινό Εξάμηνο). Από Μάρτιο 2004-Αύγουστος 2004.

4. **Ως Λέκτορας με βάση το Π.Δ. 407 του Ε.Μ.Π ο κ. Αναστάσιος Δουλάμης έχει διδάσκει τα κάτωθι μαθήματα**
    α)Σχεδίαση και Ανάπτυξη Εφαρμογών Πληροφορικής (Χειμερινό Εξάμηνο). Από Σεπτέμβριο 2002-Αύγουστος 2004.
    β) Λογισμικό για τα Μαθηματικά και την Φυσική (Εαρινό Εξάμηνο). Από Σεπτέμβριο 2002-Αύγουστος 2004.

5. **Ως Επιστημονικός Συνεργάτης του ΤΕΙ Αθηνών ο κ. Αναστάσιος Δουλάμης έχει διδάσκει τα κάτωθι μαθήματα (Σεπτ. 2003- Αύγουστος 2006)**
    α) Γραφικά – Επεξεργασία Εικόνας (Χειμερινό, Εαρινό). Από Σεπτέμβριο 2004-Αύγουστος 2006.

β) Εισαγωγή στην Σύνθεση Ρεαλιστικής Εικόνας (**Μεταπτυχιακό σε Συνεργασία με το Πανεπιστήμιο της Limoges, Γαλλία**, Εαρινό Εξάμηνο).

γ) θεμελιώδης Γραφική Πληροφορική (**Μεταπτυχιακό σε Συνεργασία με το Πανεπιστήμιο της Limoges, Γαλλία**, Χειμερινό Εξάμηνο).

5.2. Επικουρική Διδακτική Εμπειρία

6. **Ως Διδάκτορας Ε.Μ.Π. ο κ. Αναστάσιος Δουλάμης έχει βοηθήσει στα ακόλουθα μαθήματα (Σεπτ. 1996-Αύγουστος 2000)**

α) Επεξεργασία και Ανάλυση Εικόνων και Βίντεο

β) Τεχνολογία Εικόνων και Συστήματα Πολυμέσων

6. Συμμετοχή σε Ερευνητικά Προγράμματα

6.1. Συντονιστής Έργων

1. **2016-2020 TERPSICHORE** "Transforming Intangible Folkloric Performing Arts into Tangible Choreographic Digital Objects," ερευνητικό πρόγραμμα από την Ευρωπαϊκή Ένωση

2. **2013-2017 4D CH World** *"Four Dimensional Cultural Heritage World"* ερευνητικό πρόγραμμα από την Ευρωπαϊκή Ένωση

6.2. Επιστημονικός Υπεύθυνος

3. **2018-2021 Panoptis** "Development of A Decision Support System for Increasing the Resilience of Transportation Infrastructure based on Combined Use of Terrestrial and Airborne Sensors and Advanced Modelling Tools," ερευνητικό πρόγραμμα από την Ευρωπαϊκή Ένωση

4. **2018-2021 ΜΗΤΙΣ** "Τεχνολογιες Πολυτροπικης Μηχανικης Μαθησης & Επεξεργασιας Σηματος Απο Ετερογενεις Πηγες Δεδομενων Με Εφαρμογη Στην Ασφαλεια Και Επιτηρηση Κρισιμων Υποδομων & Εγκαταστασεων," ερευνητικό πρόγραμμα από την ΓΓΕΤ

5. **2017-2019** "Τεχνολογιες Αναλυσης και Επεξεργασιας Γεωχωρικων Ιατρικων Δεδομενων," ερευνητικό πρόγραμμα από την ΓΓΕΤ

6. **2016-2020** "Ψηφιοποιηση Αϋλης Πολιτισμικης Κληρονομιας Με Εμφαση Στους Παραδοσιακους Χορους" ερευνητικό πρόγραμμα από την Ευρωπαϊκή Ένωση

7. **2016-2017** "Εργο Επιβραβευσης Του Κα 63/2053 Ως Αποφαση Γγετ 71644/28.04.2016,"

8. **2013-2017 ITN-DCH** *"Initially Trained Network for Digital Cultural Heritage"* ερευνητικό πρόγραμμα από την Ευρωπαϊκή Ένωση

[Συ-συντονιστής του έργου, Μέλος Ερευνητικής Ομάδας]

9. **2011-2013 POSEIDON (24 Μήνες):** *«Ανάπτυξη ευφυούς Συστήματος Επιτήρησης θαλάσσιου χώρου με εφαρμογή συστοιχιών καμερών και Δικτύου αισθητήρων»* ερευνητικό πρόγραμμα από το Πρόγραμμα Διασυνοριακής Συνεργασίας "Ελλάδα - Κύπρος" 2007-2013 και από εθνικούς πόρους

10. **2011-2013 Η-ΠΑΡΚ (24 Μήνες):** *«Αξιοποίηση τεχνολογιών αιχμής στην πληρωμή χρήσης και διαχείριση δημόσιων πάρκινγκ»* ερευνητικό πρόγραμμα από το Πρόγραμμα Διασυνοριακής Συνεργασίας "Ελλάδα - Κύπρος" 2007-2013 και από εθνικούς πόρους

11. **2011-2014 ΒΙΩΠΟΛΙΣ (36 μήνες):** *«Μακροπρόθεσμη Διαφύλαξη Περιεχομένου Χρηστών -Βιώματα Πολιτισμού»* ερευνητικό πρόγραμμα από την προκήρυξη Συνεργασία της Γ.Γ.Ε.Τ.

12. 2007 «Μελέτη Πανεπιστημιακών Σπουδών στην Ελλάδα», ερευνητικό πρόγραμμα, από το ΕΛΙΑΜΕΠ

[Επιστημονικός Υπεύθυνος για τις Πολυτεχνικές Σπουδές]

13. 2008-2009 (18 μήνες), «Ευφυής Εξατομικευμένη Εξόρυξη Πολυμεσικών Δεδομένων», ερευνητικό πρόγραμμα από το Πολυτεχνείο Κρήτης

6.3. Κύριος Ερευνητής

14. **2019-2022 HYPERION** "Development of a Decision Support System for Improved Resilience & Sustainable Reconstruction of historic areas to cope with Climate Change & Extreme Events based on Novel Sensors and Modelling Tools" ερευνητικό πρόγραμμα, χρηματοδοτούμενο από την Ευρωπαϊκή Ένωση-H2020.

15. **2018-2020 CXPRESS** "Καινοτομο Εργαλειο Αναλυσης της "Εμπειριας Πελατη" ερευνητικό πρόγραμμα από την προκήρυξη Ερευνώ/Καινοτομώ/Δημιουργώ της Γ.Γ.Ε.Τ.

16. **2018-2021 ΜΕΤΕΟΡΑ** "Συστημα Πολυεπιπεδης Τεκμηριωσης Θρησκευτικων Τοπων και Ιστορικων Συμπλεγματων" ερευνητικό πρόγραμμα από την προκήρυξη Ερευνώ/Καινοτομώ/Δημιουργώ της Γ.Γ.Ε.Τ.

17. **2016-2019 WATERSPY** "High intensitive, portable photonic device for pervasive water quality analysis", ερευνητικό πρόγραμμα, χρημαδοτοτούμενο από την Ευρωπαϊκή Ένωση-H2020.

18. **2017-2020 BENEFFICE** "Energy Behavior Change Driven by Plug-And-Play-And-Forget ICT and Business Models Focusing on Complementary Currency for Energy Efficiency for The Wider Population", ερευνητικό πρόγραμμα, χρημαδοτοτούμενο από την Ευρωπαϊκή Ένωση-H2020.

19. **2017-2021: STOP-IT**, "Strategic, tactical and operational protection of critical water infrastructures against physical and cyber threats," ερευνητικό πρόγραμμα, χρημαδοτοτούμενο από την Ευρωπαϊκή Ένωση-H2020.

20. **2017-2019** "Τεχνολογιες Αναλυσης Σηματων Και Αναγνωρισης Προτυπων Στην Γεωπληροφορικη,"

21. **2014-2015 3Δ ΟΡΩ** «Διάχυτη Τρισδιάστατη (3Δ) Υπολογιστική Όραση για την Αύξηση της Αποτελεσματικότητα της 3Δ Ψηφιοποίησης» ερευνητικό πρόγραμμα από την προκήρυξη ΠΑΒΕΤ της Γ.Γ.Ε.Τ.

22. **2015-2019 Inachus** "Technological and Methodological Solutions for Integrated Wide Area Situation Awareness and Survivor Localisation to Support Search and Rescue Teams" ερευνητικό πρόγραμμα από την Ευρωπαϊκή Ένωση

23. **2014-2018 ZoneSec** "Towards a EU framework for the security of Widezones" ερευνητικό πρόγραμμα από την Ευρωπαϊκή Ένωση

24. **2014-2015 5DMultplis** "5Dimensional Multipurpose Land Management Systems" ερευνητικό πρόγραμμα από την προκήρυξη Ελληνο Ισραηλιτική Συνεργασία της Γ.Γ.Ε.Τ.

25. **2013-2016 Robo Spect** "ROBOtic System with Intelligent Vision and Control for Tunnel Structural inSPECTion and Evaluation" ερευνητικό πρόγραμμα από την Ευρωπαϊκή Ένωση

26. **2013-2017 eVacuate** "A holistic scenario –independent, situation-awareness and guidance System for sustaining the Active Evacuation Route for large Crowds" ερευνητικό πρόγραμμα από την Ευρωπαϊκή Ένωση

27. **2013-2015 Ιάσων** "Κοινή Συνεργατική Ολοκληρωμένη Χρήση Δορυφόρων, Τηλεπισκόπησης και Πλοήγησης για Συνοριακή Φύλαξη» ερευνητικό πρόγραμμα από την προκήρυξη Συνεργασία της Γ.Γ.Ε.Τ.

28. **2012-2015 iPromotion** "Ευρείας κλίμακας πλατφόρμα παροχής διαδραστικών υπηρεσιών ηλεκτρονικής προώθησης προϊόντων και ηλεκτρονικής καμπάνιας με δυνατότητα υποστήριξης μεγάλης ποικιλομορφίας εφαρμογών και υψηλή προσωποποίηση (personalization) του περιεχομένου.» ερευνητικό πρόγραμμα από την προκήρυξη Συνεργασία της Γ.Γ.Ε.Τ.

29. **2008-2011 SCOVIS,** "Self Configurable Cognitive Vision Supervision", ερευνητικό πρόγραμμα από την Ευρωπαϊκή Ένωση

    [Τεχνικός Διαχειριστής]

30. **2011-2014, Experimedia** "Experiments in live social and networked media experiences", ερευνητικό πρόγραμμα από την Ευρωπαϊκή Ένωση

31. **2010-2012, SOCIOS** "Exploiting Social Networks for Building the Future Internet of Services", ερευνητικό πρόγραμμα από την Ευρωπαϊκή Ένωση

32. **2009-2012, OPTIMIS** "Optimized Infrastructure Services", ερευνητικό πρόγραμμα από την Ευρωπαϊκή Ένωση

33. **2009-2012 HPC-EUROPA2** "Pan European Research Infrastructure of High Performance", ", ερευνητικό πρόγραμμα από την Ευρωπαϊκή Ένωση

34. **2009-2012, ISISEMD** "Intelligent System for independent living and self-care of seniors with cognitive problems or mild dementia" ερευνητικό πρόγραμμα από την Ευρωπαϊκή Ένωση

35. **2004-2007 POLYMNIA** "Personalized Leisure and Entertainment Over Cross Media Intelligent Platforms", ερευνητικό πρόγραμμα από την Ευρωπαϊκή Ένωση

    [Τεχνικός Διαχειριστής]

36. **2007-2009, COSMOS** "An Advanced Scientific Repository for Science Teaching and Learning", " ερευνητικό πρόγραμμα από την Ευρωπαϊκή Ένωση

37. **2006-2008 SEMVEILANCE** "Methods for automatic detection and recognition of human behaviors and algorithms for summarization and retrieval of these behaviors", ερευνητικό πρόγραμμα από την προκήρυξη Συνεργασία της Γ.Γ.Ε.Τ.

    [Τεχνικός Διαχειριστής]

38. **2004-2009 FIDIS** "Future of Identity in Information Society" ερευνητικό πρόγραμμα 6ου πλαισίου στήριξης, από την Ευρωπαϊκή Ένωση

39. **2001-2004 OLYMPIC** "Olympics Multimedia Personalised for the Internet Community (IST)" ερευνητικό πρόγραμμα 5ου πλαισίου στήριξης, από την Ευρωπαϊκή Ένωση,

40. **2005-2009 ΠΕΝΕΔ** "Επίβλεψη Χειρωνακτικών Εργασιών και εξαγωγής Σημασιολογίας" ερευνητικό πρόγραμμα, από την Γενική Γραμματεία Έρευνας και Τεχνολογίας

41. **2004-2007 ΠΥΘΑΓΟΡΑΣ-II** "Ανάπτυξη Τεχνικών Διαχείρισης, Οργάνωσης και Μετάδοσης Πολυμεσικών Δεδομένων και Υπηρεσιών", ερευνητικό πρόγραμμα, από το ΕΠΕΑΕΚ, Υπ. Παιδείας

42. **2004-2007 ΠΥΘΑΓΟΡΑΣ-II** "Τεχνολογίες Grid και οπτικά δίκτυα μετάδοσης», ερευνητικό πρόγραμμα, από το ΕΠΕΑΕΚ, Υπ. Παιδείας

43. **2003-2005 DELOS** "Network of Excellence (NOE): Digital Libraries" ερευνητικό πρόγραμμα 6ου πλαισίου στήριξης, από την Ευρωπαϊκή Ένωση,

44. **2002-2004 GRIDLAB** "A Grid Application Toolkit and Testbed (IST)"ερευνητικό πρόγραμμα 5ου πλαισίου στήριξης, από την Ευρωπαϊκή Ένωση,

45. **2002-2004 GRIA** "Grid Resources for Industrial Applications (IST)", ερευνητικό πρόγραμμα 5ου πλαισίου στήριξης, από την Ευρωπαϊκή Ένωση,

6.4. Ερευνητής

46. **1999-2001 ΠΕΝΕΔ 1999:** *«Εκτίμηση Βιολογικής Ποιότητας Εδαφών με Νέες Τεχνικές Υπολογιστικής Όρασης»*, ερευνητικό πρόγραμμα, από την Γενική Γραμματεία Έρευνας και Τεχνολογίας [Ερευνητής]

47. **1998-2000 (24 μήνες):** *«Δημιουργία Εγκατάσταση και Λειτουργία Τράπεζας Πληροφοριών Ειδικής Αγωγής Στο ΥΠΕΠΘ»,* ερευνητικό πρόγραμμα, από το ΕΠΕΑΕΚ, Υπ. Παιδείας.

48. **1997-1999 MODULATES:** *«MODULATES: Multimedia Organisation for Developing the Understanding and Learning of Advanced Technology Inpean Schools»,* ερευνητικό πρόγραμμα 4ου πλαισίου στήριξης, από την Ευρωπαϊκή Ένωση

49. **1996-1998 ΠΑΒΕ:** *«Ολοκληρωμένο Σύστημα Διαχείρισης Εξετάσεων Νοσοκομείου»,* ερευνητικό πρόγραμμα, από την Γενική Γραμματεία Έρευνας και Τεχνολογίας.

50. **1995-1997 ΝΙΚΑ:** *«Γενικευμένο Σύστημα Επεξεργασίας Και Διαχείρισης Ιατρικής Εικόνας»,* ερευνητικό πρόγραμμα, από την Γενική Γραμματεία Έρευνας και Τεχνολογίας.

51. **2000-2003 FAETHON:** *«Unified Intelligent Access to Heterogeneous Audiovisual Content»* ερευνητικό πρόγραμμα, από την Ευρωπαϊκή Ένωση

52. **1997:** *«Image Video and Multimedia Laboratory, Εργαστήρια Παροχής Υπηρεσιών»,* ερευνητικό πρόγραμμα, από την Γενική Γραμματεία Έρευνας και Τεχνολογίας πρώτο ανάμεσα στις υποβληθείσες προτάσεις

7. Μέλος Επιτροπών Επιστημονικών Περιοδικών

1. 2019-Σήμερα, Editor-in-Chief in the field of Computer Engineering, International Journal of Comunication and Computer Technologies, (http://www.ijccts.org/index.php).

2. 2019: Guest Editorial, "Advances in Machine Learning for Intelligent Engineering Systems and Applications," Sensors Journal, MDPI Press.

3. 2019: Review of Computer Engineering Research, Conscientia Beam, Editor.

4. 2018-Σήμερα, Associate Editor, Sensors Journal, MDPI press.

5. 2018: Guest Editorial, "Innovation in Machine Intelligence for Critical Infrastructures," Inventions, MDPI Press.

6. 2018-Σήμερα, Associate Editor, Inventions Journal, MDPI Press.

7. 2018-Σήμερα: Editorial Board of Computational Intelligence and Neuroscience, Hindawi Press.

8. 2017: Guest Editorial, Journal of Computers in Education, Spinger Press.

9. 2017: Special Issue organiner in Multimedia Tools and Applications on "Virtual Environments", Pringer Press.

10. 2017: Guest Editorial, Special Issue organiner in Multimedia Tools and Applications, Springer press, "Multimedia Systems for Critical Engineering Applications".

11. 2014: Οργανωτής Ειδικού Τεύχους στο Περιοδικό (Special Issue Editor), Multimedia Tools and Applications, Springer Press, με θέμα Analysis and Retrieval of Events/Actions and Workflows in Video Streams.

12. 2013-Σήμερα: Μέλος της Επιτροπής του Περιοδικού, International Journal of Heritage in Digital Era, Multiscience press, UK.

13. 2012: Οργανωτής Ειδικού Τεύχους-Special Issue Editor, "Machine Learning Strategies for Visual Events Recognition" στο περιοδικό Advances in Multimedia, Hindawi Publishing Corporation.

14. 2011-Σήμερα: Μέλος της Επιτροπής του Περιοδικού, International Journal of Interactive Worlds, IBIMA Publishing, USA.

15. 2011: Οργανωτής Ειδικού Τεύχους στο Περιοδικό, Multimedia Tools and Applications, Springer Press, με θέμα «Analysis and Retrieval of Events/Actions and Workflows in Video Streams», που θα δημοσιευθούν μέσα στο 2012.

16. 2010: Οργανωτής Ειδικού Τεύχους (Special Issue Editor) στο Περιοδικό Future Generation Computer Systems, Elsevier Press

17. 2009: Οργανωτής Ειδικού Τεύχους (Special Issue Editor) στο Περιοδικό Multimedia Tools and Applications, Springer-Verlag Press (το Περιοδικό είναι στο SCI με impact factor 0.704)

8. Οργανωτής Συνεδρίων

1. 2019: International Conference on Strategic Session on Innovative Marketing and Tourism (ICSMAT). Οργάνωση ειδικής ημερίδας με θέμα. "Intangible Cultural Heritage (including folk dances) Reconstruction and Preservation for Boosting Education, Employment and Cultural Tourism" organized by Nikolaos Grammalidis, Information Technologies Institute of Centre for Research and Technology Hellas (CERTH-ITI) and Anastasios D. Doulamis, National Technical University of Athens (NTUA) Greece, Chios Island, Greece.

2. 2018: International Conference on World Cultural Heritage (Euromed), Cyprus, General Co-Chair

3. 2018: Οργανωτής Ειδικής Ενότητας VCEA 2018, Special Session on Visual Computing in Engineering Applications, Chair(s): Anastasios Doulamis, Tania Stathaki, Nikolaos Doulamis, Nikos Grammalidis and Athanasios Voulodimos, Madeira, Portugal

4. 2017: 9th IEEE International Conference on Virtual Worlds and Games for Serious Applications, Athens, Greece, September

5. 2017: Οργανωτής Ειδικής Ενότητας, CVICG4CULT 2017, Special Session on Computer Vision, Imaging and Computer Graphics for Cultural Applications (GRAPP), Chair(s): Nikos Grammalidis, Anastasios Doulamis, Kosmas Dimitropoulos, Marinos Ioannides and Nikolaos Doulamis, Porto, Portugal

6. 2017: ACM Pervasive Intelligence in Engineering Workshop in conjuction with ACM Pervasive Technologies Related to Assitive Environments (PETRA), Rhodes, Greece.

7. 2016: Οργανωτής Ειδικής Ενότητας «RGB-SpectralImaging 2016, Special Session on RBG and Spectral Imaging for Civil/Survey Engineering, Cultural, Environmental, Industrial Applications," Chair(s): Anastasios Doulamis, Nikos Grammalidis, George Bebis, Nikolaos Doulamis, Tania Stathaki, Angelos Amditis, Konstantinos Karantzalos and Konstantinos Loupos, Rome, Italy

8. 2016: Spectral Imaging Processing and Data Analytics for life quality improvement in public spaces and urban environments (SIPDA) ACM PETRA Pervasive Technologies Related to Assistive Environment.

9. 2015: Οργανωτής συνεδρίου International Workshop on 3D Cross Media Analysis, Retrieval of Semantic Events, Immersion & Visualization in conjunction with IEEE 3DTV, Lisboa, Portugal

10. 2015: Οργανωτής της ειδικής ενότητας "The 2nd International Workshop on ICT for the Preservation and Transmission of Intangible Cultural Heritage" σε συνεργασία με το CIPA Taipei, Taiwan

11. 2015: Οργανωτής της ειδικής ενότητας " Multimodal Capture, Modeling and Semantic Interpretation for Event Analysis, Retrieval and 3D Visualization" σε συνεργασία με το VISAPP 2015, Συνέδριο, Βερολίνο, Μάρτιος 2015.

12. 2014: Οργανωτής συνεδρίου "2nd International Workshop on Smart City and Ubiquitous Computing Applications" σε συνεργασία με 10th IEEE International Conference on Wireless and Mobile Computing, Networking and Communications, Λάρνακα, Οκτώβριος 20144

13. 2013: Οργανωτής συνεδρίου "4th IEEE ARTEMIS International Workshop on Analysis and Retrieval of Tracked Events and Motion in Imagery Streams" σε συνεργασία με ACM Multimedia, 2013, Βαρκελώνη Ισπανία.

14. 2013: Οργανωτής συνεδρίου "VC-DCH, Visual Computing in Digital Cultural Heritage" σε συνεργασία με το International Symposium on Visual Computing, Rethymnon, Greece, July 2013.

15. 2013: Οργανωτής συνεδρίου "Workshop on Smart City and Ubiquitous Computing Applications (SCUCA) held in conjunction with the IEEE International Symposium on a World of Wireless Mobile and Multimedia Networks (WoWMoM), Madrid Spain 3-7 June 2013.

16. 2012: Οργανωτής συνεδρίου "Workflow and Event Analysis for industrial Environments manipulation through Multi-agent Systems"σε συνεργασία με το 3rd International Conference on Agents and 2012, Ρώμη Ιταλία.

17. 2012: Οργανωτής συνεδρίου "3rd IEEE ARTEMIS International Workshop on Analysis and Retrieval of Tracked Events and Motion in Imagery Streams" σε συνεργασία με το European Conference on Computer Vision (ECCV) 2012, Φλωρεντία Ιταλία, 2012.

18. 2012: Οργανωτής του συνεδρίου "Intelligent Tools and Methods for Web Media Analysis" σε συνεργασία με το 11th WSEAS International Conference on APPLICATIONS OF COMPUTER ENGINEERING (ACE '12), Vouliagmeni, Athens, March 2012.

19. 2011: Οργανωτής του συνεδρίου "2nd IEEE ARTEMIS International Workshop on Analysis and Retrieval of Tracked Events and Motion in Imagery Streams" σε συνεργασία με το IEEE International Conference on Computer Vision (ICCV) Βαρκελώνη Ισπανία, Νοέμβριος 2011

20. 2011 Μέλος της Οργανωτικής Επιτροπής του Συνεδρίου 3rd IEEE International Conference on Games and Virtual World for Serious Applications, Technically Sponsored by the IEEE Computer Society, Αθήνα, 4-6 Μαΐου 2011.

21. 2010 Workshop chairman of the Eventanalysis 2010 Workshop in conjunction with ACM PETRA (Pervasive Technologies Related to Assistive Environment)

22. 2010: Οργανωτής (General Chairman) του ACM ARTEMIS Workshop in conjunction with ACM Multimedia, Florence, Italy

23. 2010 Οργανωτής συνεδρίου στο «International Conference on Agents and Artificial Intelligence» Rome Italy.

24. 2009: Οργανωτής διεθνούς ACM Συνεδρίου σε συνεργασία με το ACM PETRA Pervasive Technologies Related to Assistive Environment," EVENTANALYSIS2009, Multimedia Event Analysis for Assistive Environments

25. 2009: Πρόεδρος της Τεχνικής Επιτροπής (General Chairman) του συνεδρίου ICST GRIDNETS, 7-9 Sept., Athens Greece.

26. 2009: Οργανωτής Ειδικής Συνεδρίας στο διεθνές συνέδριο IEEE International Conference on Systems, Signals and Image Processing με τίτλο «Computer Vision Algorithms using Intelligent Agents», Χαλκίδα, 2009

27. 2009: Μέλος επιτροπής του συνεδρίου, Workshop on Artificial Intelligence Approaches for Biometric Template Creation and Multibiometrics Fusion (ArtIBio), 23-25 April, Thessaloniki, 2009.

28. 2009: Οργανωτής Ειδικής Συνεδρίας στο International Conference on Artificial Neural Networks (ICANN) με τίτλο «Intelligent Tools and Methods for Multimedia Annotation» που έγινε στην Λεμεσό 2009

29. 2008: Οργανωτής διεθνούς Συνεδρίου ACM σε συνεργασία με το ACM Multimedia, Vancouver, Canada, "AREA2008, Analysis and Retrieval of Events/Actions and Workflows in Video Streams".

30. 2008: Οργανωτής Ειδικής Συνεδρίας στο διεθνές συνέδριο 10th WSEAS International Conference on Mathematical Methods, Computational Techniques and Intelligent Systems (MAMECTIS '08) με τίτλο «Advanced Annotation Tools and Methods)» που έγινε στην Κέρκυρα 2008

9. Μέλος Επιτροπών Συνεδρίων

1. 2020: 6th International Conference on Geographical Information Systems Theory, Applications and Management, Prague, Czech Republic

2. 2020: 4th International Conference on Inventive Communication and Computational Technologies, Tamil Nadu, India.

3. 2019: International Symposium on Visual Computing (ISVC), Lake Tahoe, Nevada, USA, December

4. 2019: International Joint Conference on Singal, Systems and Compuetrs (CSSC), Prague, Czech Republic

5. 2019: International Conference on Applied Computing, Calgiari, Italy.

6. 2019 International Conference on Modeling, Simulation, Optimization and Algorithm (ICMSOA 2019), Sanya China.

7. 2019: 5th International Conference on Geographical Information Systems Theory, Applications and Management, Heraklion, Greece

8. 2019: 3rd International Conference on Inventive Communication and Computational Technologies, (ICICCT), Gnanamani College of Technology, Pachal, India.

9. 2019: 11th International Conference on Virtual Worlds and Games for Serious Applications, VS-Games, IEEE Press, Vienna, Austria

10. 2019: 13th International Conference on PErvasive Technologies Related to Assistive Environments, PETRA, Rhodes, Greece.

11. 2019: First International Conference on Advances in Signal Processing and Artificial Intelligence, ASPAI 2019, Barcelona, Spain

12. 2018: IEEE International Conference on Image Processing (ICIP), Session Chair, Athens, Greece.

13. 2018: Visual Heritage, Vienna, Austria, Session Chair

14. 2018: 3rd 'SmartBlueCity' Euro- Mediterranean Conference and Exhibition 2018 on "Featuring Territorial Intelligence of Small and Medium-sized Cities and Insular Communities in the Mediterranean Scenery – Building Bridges between Local Endeavors and Global Developments, Larnaca, October 5-6.

15. 2018: 4th International Conference on Geographical Information Systems Theory, Applications and Management

16. 2018: International Conference on Applied Computing, Budapest, Hungary

17. 2018: 10th International Conference on Virtual Worlds and Games for Serious Applications, VS-Games, IEEE Press, Wurzburg, Germany

18. 2018: 3rd workshop on Face and Facial Expression Recognition (FFER) that is going to be held with International Conference on Pattern Recognition (ICPR) in Beijing, China, in August 2018.

19. 2018: Transdisciplinary Multispectral Modelling and Cooperation for the Preservation of Cultural Heritage, Athens, Greece

20. 2018 International Joint Conference on Signals, Systems and Computers (CSSC 2018), Abou Dabi.

21. 2018: International Symposium on Visual Computing (ISVC), Las Vegas, USA, December 2018

22. 2018: 11th International Conference on PErvasive Technologies Related to Assistive Environments, PETRA 2018, Corfu, Greece.

23. 2017: IEEE ChaLearn Workshop on Explainable Computer Vision Multimedia and Job Candidate Screening Coopetition in conjunction with IEEE CVPR.

24. 2017: 3rd International Conference on Geographical Information Systems Theory, Applications and Management

25. 2017: Eurographics on Graphics and Cultural Heritage, Graz, Austria

26. 2017: International Conference on Building Materials and Civil Engineering (BMCE2017), held in Wuhan, China, from 15-17 December, 2017

27. 2017: 11th International Conference on PErvasive Technologies Related to Assistive Environments, PETRA, Rhodes, Greece.

28. 2017: Second International Conference on Internet of Things and Cloud Computing, ICC'2017

29. 2017: 22nd IEEE Symposium on Computers and Communications, 03 - 06 July 2017, Heraklion, Crete, Greece

30. 2017: International Conference on Applied Computing, Algrave Portugal

31. 2017: International Conference on Visual Computing, Las Vegas, USA

32. 2016: 21st IEEE Symposium on Computers and Communications, Messina, Italy

33. 2016: Airport Conference Invited Speaker.

34. 2016: International Conference on World Cultural Heritage (Euromed), Cyprus

35. 2016: Eurographics on Graphics and Cultural Heritage, Genova, Italy

36. 2016: The 3rd International Conference on 'Big Data and Smart City, Sultanate of Oman

37. 2016: International Conference on Applied Computing, Mannheim, Germany

38. 2016: International Conference on Visual Computing, Las Vegas, USA

39. 2015: 2nd ACM International Workshop on Human-centered Event Understanding from Multimedia, HuEvent'15

40. 2015: IEEE RTStreams2015, IEEE 1st International workshop on Real time Data Stream Analytics

41. 2015: Digital Heritage 2015, Granada, Spain

42. 2015: International Workshop on Smart City and Ubiquitous Computing applications, SCUCA.

43. 2015: International Conference on Applied Computing, Greater Dublin, Ireland,

44. 2015: IEEE International Conference on Fuzzy Systems, Istanbul Turkey

45. 2015: International Conference on Visual Computing, Las Vegas, USA

46. 2014: SITIS 2014,10th International Conference on Signal-Image Technology & Internet-Based System

47. 2014: International Conference on World Cultural Heritage (Euromed), Cyprus

48. 2014: International Conference on Applied Computing, Porto Portugal

49. 2014: Human-Centered Event Understanding from Multimedia, HuEvent14ß

50. 2014: IEEE International Conference on Pattern Analysis, Σουηδία, 2014

51. 2014: International Conference on Visual Computing, Las Vegas, USA

52. 2014: 4th International conference on Consumer Electronics, Communications and Networks(CECNET2014) 20th to 22nd, December in Beijing, China,

53. 2014: IEEE PanHellenic Conference on Informatics, Harakopion University, Athens

54. 2014: 1st ACM International Workshop on Human-centered Event Understanding from Multimedia, which is to be co-located with ACM Multimedia 2014, in Orlando, Florida.

55. 2014: International Workshop on Smart City and Ubiquitous Computing applications, SCUCA.

56. 2014: 12th EUROGRAPHICS Workshop on Graphics and Cultural Heritage Darmstadt, Germany October 6-8

57. 2014: IEEE International Conference on Fuzzy Systems, Being, China

58. 2013: CIPA Best Papers Awards

59. 2013: International Workshop on Smart City and Ubiquitous Computing applications, SCUCA.

60. 2013: 9th International Symposium on Visual Computing" (ISVC'13), Las Vegas, Ελλάς

61. 2013: First International Workshop on Cloud Storage Optimization, CLOUSO 2013

62. 2013: International Symposium on Management Intelligent Systems, ISMiS'13

63. 2013: International Conference on Applied Computing, Forth Worth, Texas, USA.

64. 2012: Μέλος της Επιτροπής του Συνεδρίου "International Conference on Computer Vision Theory and Applications" - VISAPP 2012, Ρώμη Ιταλία

65. 2012: Μέλος της Επιτροπής του Συνεδρίου "Serious Games for Healthcare: Applications and Implications," SGH2012, Coventry, UK

66. 2012: Μέλος της Επιτροπής του Συνεδρίου "8th International Symposium on Visual Computing" (ISVC'12), Ρέθυμνο, Ελλάς

67. 2012: Μέλος της Επιτροπής του Συνεδρίου "International Conference on Applied Computing," Madrid, Spain

68. 2011: Μέλος της Επιτροπής του Συνεδρίου "7th International Symposium on Visual Computing" (ISVC'11), Las Vegas, USA

69. 2011: Μέλος της Επιτροπής του Συνεδρίου "International Conference on Applied Computing," Rio de Janeiro, Brazil

70. 2011: Πρόεδρος ενότητας εργασίας, "IEEE International Conference on Image Processing-ICIP" Brussel, Sept. 2011

71. 2011: Μέλος της Τεχνικής Επιτροπής του Συνεδρίου «Leveraging the potential of Virtual worlds» in conjunction with 3rd International Conference in Games and Virtual Worlds for Serious Applications, Technically Sponsored by the IEEE Computer Society, Αθήνα, 4-6 Μαΐου 2011.

72. 2011 Μέλος της Τεχνικής Επιτροπής του Συνεδρίου, EURASIP Signal Processing Conference (EUSIPCO), Βαρκελώνη.

73. 2011 Μέλος της Τεχνικής Επιτροπής του Συνεδρίου, IASTED Robotics and Applications, Vancouver, Canada.

74. 2011: Μέλος της Τεχνικής Επιτροπής του Συνεδρίου, «International Conference on Computer Vision Theory and Applications», Algarve, Πορτογαλία.

75. 2010 Μέλος της Τεχνικής Επιτροπής του Συνεδρίου, EURASIP Signal Processing Conference (EUSIPCO), Aalborg, Denmark

76. 2010: VS-GAMES10, IEEE 2nd International Conference in Games and Virtual Worlds for Serious Applications

77. 2010: Μέλος της Τεχνικής Επιτροπής του Συνεδρίου, International Symposium on Visual Computing, Las Vegas, Η.Π.Α.

78. 2010 Μέλος της Τεχνικής Επιτροπής του Συνεδρίου, IEEE International Conference on system, Man & Cybernetics, Κωνσταντινούπολη, Τουρκία.

79. 2010 Μέλος της Τεχνικής Επιτροπής του IASTED International Conference on Robotics and Applications, Cambridge, Boston, MA, USA.

80. 2010: Technical Program Member of the Applied Computing Conference, Romania.

81. 2009: IEEE 23rd International Conference on Advanced Information Networking and Applications, AINA-09

82. 2009: Μέλος της Τεχνικής Επιτροπής του IASTED International Conference on Robotics and Applications, Cambridge, Boston, MA, USA.

83. 2009: 1st International Conference on Virtual Worlds and Games for Serious Applications, VS-Games, IEEE Press, Convetry, UK.

84. 2009 Μέλος της Επιτροπής του International Conference on Applied Computing, Rome, Italy.

85. 2009: Μέλος της Τεχνικής Επιτροπής του Συνεδρίου EURASIP, European Signal Processing Conference, EUSIPCO 2009, Glasgow, Scotland.

86. 2008: Μέλος της Τεχνικής Επιτροπής του EURASIP, European Signal Processing Conference, EUSIPCO 2008, Λωζάνη, Ελβετία.

87. 2008: Μέλος Επιτροπής του συνεδρίου International Conference on Pattern Recognition, Orlando, USA

88. 2007: Μέλος Επιτροπής του συνεδρίου European Signal Processing Conference, Poznan, EUSIPCO 2007, Poland.

89. 2007: Μέλος της Τεχνικής Επιτροπής του IASTED International Conference on Robotics and Applications, Wurzburg, Germany.

90. 2006: Μέλος Επιτροπής του συνεδρίου, «Robotics & Applications», August, Honolulu, Hawaii, USA, 2004.

91. 2006: Οργανωτής Special Session, International Conference on Artificial Neural Networks (ICANN), "Bridging the semantic gap in Multimedia: machine learning approaches" 2006 Athens, Greece

92. 2005: Μέλος Επιτροπής του συνεδρίου, «Robotics & Applications», Cambridge, Boston, MA, USA, 2005.

93. 2004: Μέλος Επιτροπής του συνεδρίου «EURASIP, European Signal Processing Conference (EUSIPCO) », Vienna, Austria, September.

94. 2004: Οργανωτής Special Session «Content Understanding & Knowledge Modelling in Multimedia Databases» EURASIP, European Signal Processing Conference (EUSIPCO), Vienna, Austria, September.

95. 2004, Μέλος Επιτροπής του συνεδρίου, «Robotics & Applications», August, Honolulu, Hawaii, USA, 2004.

96. 2003: Μέλος Επιτροπής του συνεδρίου, «Robotics & Applications», Saltsburg, Austria

97. 2001, Πρόεδρος της Τεχνικής Επιτροπής του «International conference on Very Low Bit Rate Video Coding, VLBV» Αθήνα, Οκτώβριος.

98. 1997: Συμμετοχή στην οργάνωση του συνεδρίου «Workshop on Applications and Perspectives of Neural Networks Technology in Greece and the Broader Balkan Area »Αθήνα, Φεβρουάριος 1997.

99. 1999: Συμμετοχή ως βοηθός στο συνέδριο «IEEE International Conference on Computer Vision ICCV'99», Corfu, 1999 Greece

10.   Κριτής σε Διεθνή Επιστημονικά Περιοδικά/Συνέδρια

10.1.   Επιστημονικά Περιοδικά

1.   IEEE Transactions on Image Processing
2.   IEEE Transactions on Multimedia
3.   IEEE Transactions on Neural Networks
4.   IEEE Transactions on Circuits & Systems for Video Technology
5.   IEEE Communication Letters
6.   IEEE Signal Processing Letters
7.   IEEE Trans. on Industrial Electronics
8.   IEEE Trans. on Wireless Communications
9.   ERTI Journal
10. Signal Processing Journal, EURASIP, Elsevier press
11. Journal of Integrated Computer-aided Engineering, IOS Press
12. Computer Network Journal, Elsevier Press
13. Multimedia, Tools and Applications, Springer Press
14. Soft Computing, Springer Press
15. Image, and Vision Computing, Elsevier Press
16. Future Generation Computer Systems, Elsevier Press
17. Advances in Multimedia, Hindawi Press
18. Journal of Intelligent and Robotic Systems, Springer Press
19. Signal Processing: Image Communication, Elsevier press
20. Multidimensional Systems and Signal Processing, Springer Press
21. IEEE Trans. on Audio, speech and language processing
22. IEEE Trans. on Knowledge and Data Engineering
23. Simulation Moldeling Practice and Theory
24. Automation in Construction
25. Computer and Graphics
26. IEEE Selected Areas in Remote Sensing
27. IEEE Trans. on Cybernetics
28. Information sciences, Elsevier press
29. Sensors, Mdpi
30. Remote Sensing, Mdpi
31. Invention, Mdpi,
32. Computers, Mdpi
33. Computers and electrical engineering, Eslevier press
34. International Journal of Sensors, Wireless Communications and Control

35. Engineering Applications of Artificial Intelligence
36. Sensors and actuators: A physical, Elsevier Press.
37. IET Image processing
38. IET Computer Vision
39. IET Communications
40. Enternment Computing, Elsevier press
41. International Journal of Sensors, Wireless Communications and Control
42. IET Electronics Letters
43. Journal on Computing and Cultural Heritage

10.2. Διεθνή Επιστημονικά Συνέδρια

1. Στις επιτροπές συνεδρίων που μετείχα ανωτέρω
2. IADIS Conference Computer Graphics, Visualization, Computer Vision and Image Processing (CGVCVIP), Rome Italy,2011
3. EURASIP, European Signal Processing Conference (EUSIPCO), 2004,2007, 2008,2009
4. IEEE Digital Signal Processing Conference (DSP), 2002
5. IASTED, International Conference on Robotics & Applications, 2003, 2004, 2005,2006, 2007, 2009
6. IEEE International Conference on Information Intelligence and Systems, 1999
7. IEEE International Symposium on Circuits & Systems (ISCAS), 1998
8. International Conference on Applied Computing, Rome, Italy, 2009
9. ACM Multimedia, 2008

11. Διοικητικό Έργο

1. Μέλος επιτροπής πληροφορικής και δικτύων, Σχολή Αγρονόμων Τοπογράφων Μηχ. Ε.Μ.Π. (Σεπτ. 2018 έως σήμερα).
2. Μέλος Επιτροπής μεταπτυχιακών σπουδών, Σχολή Αγρονόμων Τοπογράφων Μηχ. Ε.Μ.Π. (Σεπτ. 2018 έως σήμερα).
3. Πρόεδρος Επιτροπής ERASMUS (2006-2007), Τμήμα Μηχανικών Παραγωγής και Διοίκησης, Πολυτεχνείου Κρήτης
4. Μέλος Επιτροπής Μεταπτυχιακών Σπουδών (2007-2008), Τμήμα Μηχανικών Παραγωγής και Διοίκησης, Πολυτεχνείου Κρήτης
5. Μέλος Επιτροπής Μηχανογραφικού Κέντρου (2007-Ιανουάριος 2014), Πολυτεχνείου Κρήτης
6. Μέλος της Επιτροπής Διαδικασιών (2010- Ιανουάριος 2014), Πολυτεχνείου Κρήτης
7. Μέλος Τριμελούς Εισηγητικής Επιτροπής για την Εκλογή Μέλους ΔΕΠ στην Βαθμίδα του Λέκτορα με γνωστικό Αντικείμενο «Ευφυή Εικονικά Περιβάλλοντα» Στο Πανεπιστήμιου Πειραιά, Τμήμα Πληροφορικής
8. Πρόεδρος επιτροπής αξιολόγησης διαγωνισμού προμηθειών πολυτεχνείου Κρήτης και Ε.Μ.Π.
9. Μέλος επιτροπής αξιολόγησης διαγωνισμών στο Ε.Μ.Π.
10. Μέλος Εκλεκτορικού σώματος σε αρκετές εκλογές μελών ΔΕΠ

12. Αξιολογητής Ερευνητικών Έργων

1. **2014:** Ευρωπαϊκή Επιτροπή: Αξιολόγηση έργων στην θεματική ενότητα Reflective 7 Societal Challenges. 3D Modelling for Cultural Heritage.

2. Ιταλική Γραμματεία Έρευνας

3. **2015:** JPI CULTURAL HERITAGE Coordination Structure. Προκήρυξη Πολιτισμικής Κληρονομίας.

4. Αξιολογητής Έργων Ηράκλειτος, 2010

5. Αξιολογητής Έργων Βασικής Έρευνας στο Εθνικό Μετσόβιο Πολυτεχνείο

13. Επίβλεψη Διατριβών Διπλωματικών

13.1. Διδακτορικά

1. Επιβλέπων ως αναπληρωτής Καθηγητής στο Πολυτεχνείο Κρήτης των διατριβών που έχουν ολοκληρωθεί επιτυχώς των

α) Κωνσταντίνου Μακαντάση με θέμα «Σημασιολογική Ανίχνευση Αντικειμένων και Γεγονότων Μέσω όρασης υπολογιστών»

β) Ευτυχίου Πρωτοπαπαδάκη με θέμα «Τεχνικές Μηχανικής Μάθησης Μερικής Επίβλεψης για Λήψη Αποφάσεων»

2. Επιβλέπων στο Ε.Μ.Π. των εν εξελίξει διακτορικών διατριβών

α) Νικολάου Μπάκαλου

β) Παναγιώτη Μυσίρη

γ) Ιωάννης Γεωργούλας

3. Επιβλέπων στο Ε.Μ.Π. των εν εξελίξει μεταδιακτορικών διατριβών

α) Ευτύχιος Πρωτοπαπαδάκης

4. Μέλος τριμελούς Επιτροπής των διατριβών: Ενδεικτικά αναφέρονται οι ακόλουθοι

Α) Ευαγγέλου Μαλτέζου,

Β) Δημητρίου Ψύχα

Γ) Όλγας Μπερτουλάκη

Δ) Ευαγγέλου Μαλτέζου

Ε) Νικολέττας Σκορδάκη

ΣΤ) Εμμανουήλ Αλεξάκη

Ζ) Ελισάβετ Τσιλιμαντού

Η) Αντιγόνης Βλυσίρη

Θ) Χριστιάννας Δαβερώνα

13.2. *Επίβλεψη Διπλωματικών Εργασιών*

1. Δεκάδες διπλωματικές στην Σχολή Αγρονόμων Τοπογράφων Μηχανικών και στο Τμήμα Μηχανικών Παραγωγής και Διοίκησης του Πολυτεχνείου Κρήτης

2. Μερικές μεταπτυχιακές διπλωματικές όπως των κκ. Μακαντάση Κωνσταντίνου, Βανδουλάκη Ιωάννη, Μυσίρη Παναγιώτη στο μεταπτυχιακό πρόγραμμα σπουδών Τεχνο-οικονομικά συστήματα και του μεταπτυχιακού πρόγράμματος του Πολυτεχνείου Κρήτης.

14. Δημοσιευμένο Έργο

14.1. *Διατριβές και Διπλωματικές Εργασίες*

Δ1. Α. Δουλάμης, *Μοντελοποίηση Πηγών Βίντεο MPEG και Μελέτη Μνήμης Πολυπλεξίας.* Διπλωματική Εργασία Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών, Εθνικό Μετσοβίο Πολυτεχνείο, Αθήνα Ιούλιος 1995 (**Έπαινος Τεχνικού Επιμελητηρίου Ελλάδος, 1996**).

Δ2. Α. Δουλάμης, *Προσαρμοζόμενες Τεχνικές Νευρωνικών Δικτύων για Αποτελεσματική Ανάλυση, Κωδικοποίηση και Μετάδοση Εικόνων και Βίντεο.* Διδακτορική διατριβή, Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών, Εθνικό Μετσόβιο Πολυτεχνείο, Αθήνα Φεβρουάριος 2001.

14.2. *Περιοδικά*

Π.1. A. D. Doulamis, N. D. Doulamis and S. D. Kollias, "Modeling and Queuing Analysis of Variable-Bit-Rate MPEG Video Streams," *Journal of Electronics and Communications*, Vol. 38, No. 1, pp.1-8, 1998.

Π.2. N. D. Doulamis, A. D. Doulamis and S. D. Kollias, "A Dynamically Trained Neural Network for Machine Vision Applications," *Journal of Machine Graphics and Vision*, Vol. 7, Nos 1/2, pp. 113-123, 1998.

Π.3. P. Georgilakis, N. Hatziargyriou, N. Doulamis, A. Doulamis and S. Kollias, "Prediction of Iron Losses of Wound Core Distribution Transformers based on Artificial Neural Networks," *Journal of Neurocomputing*, Elsevier Press, Vol. 23, pp. 15-29, December 1998.

Π.4. N. Doulamis, A. Doulamis, D. Kalogeras and S. Kollias, "Low bit Rate Coding of Image Sequence using Adaptive Regions of Interest," *IEEE Tran. on Circuits & Systems for Video Technology*, Vol. 8, No. 8, pp. 928-934, December 1998.

Π.5. Y. Avrithis, A. Doulamis, N. Doulamis, and S. Kollias, "A Stochastic Framework for Optimal Key Frame Extraction from MPEG Video Databases," *Journal of Computer Vision and Image Understanding*, Academic Press, Vol. 75, Nos 1/2, pp. 3-24, July/August 1999.

Π.6. A. D. Doulamis, N. D. Doulamis and S. D. Kollias, "On Line Retrainable Neural Networks: Improving the Performance of Neural Network in Image Analysis problems," *IEEE Transactions on Neural Networks*, Vol. 11, No. 1, pp. 137-155, January 2000.

Π.7. N. D. Doulamis, A. D. Doulamis, G. E. Konstantoulakis and G. I. Stassinopoulos, "Efficient Modeling of VBR MPEG-1 Coded Video Sources," *IEEE Transactions on Circuit & Systems for Video Technology,* Vol. 10, No.1, pp. 93-113, February 2000.

Π.8. N. D. Doulamis, A. D. Doulamis, Y. Avrithis, K. Ntalianis and S. Kollias, "Efficient Summarization of Stereoscopic Video Sequences," *IEEE Transacrions on Circuits & Systems for Video Technology,* Vol. 10, No. 4, pp. 501-517, June 2000.

Π.9. A. Doulamis, N. Doulamis, K. Ntalianis and S. Kollias, "Efficient Unsupervised Content-Based Segmentation in Stereoscopic Video Sequence," *Journal of Artificial Intelligence Tools* (World Scientific Press), special issue on content understanding, Vol. 9, no. 2, pp. 277-303, June 2000.

Π.10. A. D. Doulamis, N. D. Doulamis, Y. Avrithis and S. D. Kollias, "A Fuzzy Video Content Representation for Video Summarization and Content-Based Retrieval," *Signal Processing, Elsevier Press*, Vol. 80, pp. 1049-1067, June 2000.

Π.11. A. Doulamis, N. Doulamis and S. Kollias, "Non-Sequential Video Content Representation Using Temporal Variation of Feature Vectors," *IEEE Transactions on Consumer Electronics*, Vol. 46, No. 3, pp. 758-768, August 2000.

Π.12. N. D. Doulamis, A. D. Doulamis and S. D. Kollias, "Improving the Performance of MPEG Encoding at Low Bit Rates Using Adaptive Neural Networks," *Journal of Real Time Imaging, Academic Press*, Vol. 6, No. 5, pp. 327- 345, October 2000.

Π.13. P. Georgilakis, N. Doulamis, A. Doulamis, N. Hatziargyriou and S. Kollias, "A Novel Iron Loss Reduction Technique for Distribution Transformers Based on a Combined Genetic Algorithm - Neural Network Approach," *IEEE Transactions on Systems, Man and Cybernetics, Part C*, Vol. 31, pp. 16-34, Feb 2001.

Π.14. N. D. Doulamis, A. D. Doulamis, P. S. Georgilakis, S. D. Kollias, and N. D. Hatziargyriou, "A Synergetic Neural Network-Genetic Algorithm Scheme for Optimal Transformer Construction," *Journal of Integrated Computer-aided Engineering*, IOS Press, Vol. 9, No. 1, pp. 37-56, January 2002.

Π.15. A. D. Doulamis, N. D. Doulamis and S. D. Kollias, "An Adaptable Neural Network Model for Recursive Non Linear Traffic Prediction and Modeling of MPEG Video Sources," *IEEE Transactions on Neural Networks*, Vol. 14, No. 1, pp. 150-166, January 2003.

Π.16. A. Doulamis, N. Doulamis and T. Varvarigou, "Efficient Content-based Image Retrieval using Fuzzy Organization and Optimal Relevance Feedback," *International Journal of Image and Graphics, Special Issue on Multimedia Data Storage and Management,* Vol.14, No. 1, pp. 150-166, January 2003.

Π.17. A. Doulamis, K. Ntalianis, N. Doulamis and S. Kollias, "An Efficient Fully-Unsupervised Video Object Segmentation Scheme Using an Adaptive Neural Network Classifier Architecture," *IEEE Transactions on Neural Networks*, pp. 616-630, Vol. 14, No. 3, May 2003.

Π.18. N. Doulamis, A. Doulamis and T. Varvarigou "Adaptive Algorithms for Interactive Multimedia: Multimedia Content Modeling and Personalization," *IEEE Multimedia Magazine*, Vol. 10, No. 4, pp. 38-47, Oct-Nov 2003.

Π.19. E. Tsolakou, A. Doulamis and N. Doulamis "Traffic Control Mechanisms in Large-Scale IP Networks," *Journal of Electronics and Communications*, Vol. 44, No. 2, pp. 21-28, 2003.

Π.20. N. Doulamis, A. Doulamis, A. Panagakis, K. Dolkas, T. Varvarigou and E. Varvarigos, "A Combined Fuzzy -Neural Network Model for Non-Linear Prediction of 3D Rendering Workload in Grid Computing," *IEEE Trans On Systems Man and Cybernetics Part-B*, Vol. 34, No. 2, pp. 1235-1247, April 2004.

Π.21. A. Doulamis and N. Doulamis, "Generalized Nonlinear Relevance Feedback for Interactive Content-Based Retrieval and Organization," *IEEE Transactions on Circuits and Systems for Video Technology*, special issue in audiovisual analysis for interactive multimedia services Vol. 14, No. 5, pp. 656-671, May 2004.

Π.22. A. Doulamis and N. Doulamis, "Optimal Content-based Video Decomposition for Interactive Video Navigation" *IEEE Transactions on Circuits and Systems for Video Technology*, Vol. 14, No. 6, pp. 757-775,

15

June 2004.

Π.23.   N. Doulamis and A. Doulamis, "Non Linear Prediction of Rendering Workload for Grid Infrastructure," *Journal of Machine, Graphics and Vision*, Vol. 13, No. 1-2, pp. 123-135, 2004.

Π.24.   N. Doulamis and A. Doulamis "Non Sequential Multiscale Content Based Video Decomposition," *Signal Processing, Elsevier Press,* Special Issue on content-based visual information retrieval, Vol. 85, No.2, pp. 325-356, February 2005.

Π.25.   N. Doulamis and A. Doulamis, "Evaluation of Relevance Feedback in Content-based in Retrieval Systems," *Signal Processing: Image Communication*, Vol. 21, No 4, pp. 334-357, April 2006.

Π.26.   N. Doulamis, A. Doulamis, A. Litke, A. Panagakis, T. Varvarigou and E. Varvarigos, "Adjusted Fair Scheduling and Non-linear Workload Prediction for QoS Guarantees in Grid Computing," *Computer Communication, Elsevier Press*, Volume 30, Issue 3, pp. 499-515, February 2007.

Π.27.   N. Doulamis, A. Doulamis, Emmanouel A. Varvarigos and T. Varvarigou, "Fair Scheduling Algorithms in Grids" *IEEE Transactions on Parallel and Distributed Systems*, Vol. 18, pp. 1630 - 1648, No. 11, Nov. 2007.

Π.28.   N. Papadakis, A. Doulamis, A. Litke, N. Doulamis, D. Skoutas and T. Varvarigou, "MI-MERCURY: A Mobile Agent Architecture for Ubiquitous Retrieval and Delivery of Multimedia Information," *Journal of Multimedia Tools and Applications*, Vol. 38. No. 1, pp. 147-184, May 2008.

Π.29.   N. Doulamis, C. Psaltis, A. Doulamis, S. Sotiriou and M. Sotiriou, "Technical infrastructure of the COSMOS Portal," *International Journal of Emerging Technologies in Learning (iJET)*, Vol 3, pp.21-32, 2008.

Π.30.   N.D. Doulamis, P. N. Karamolegkos, A. Doulamis, I. Nikolakopoulos, "Exploiting semantic proximities for content search over p2p networks," *Computer Communications, Elsevier Press*, Vol. 32, No. 5, 27, pp. 814-827, March 2009.

Π.31.   C.Panagiotakis, A. Doulamis and G. Tziritas, "Equivalent Key Frames Selection Based on Iso-Content Principle," *IEEE Transactions on Circuits and Systems for Video Technology*, Vol. 19, No. 3, pp. 447-451, March 2009.

Π.32.   D.I. Kosmopoulos, A. Doulamis, A. Makris, N. Doulamis, S. Chatzis, and S.E. Middleton, "Vision-based Production of Personalized video," *Signal Processing: Image Communication*, Elsevier Press, Vol. 24, No. 3, pp. 158-176. March 2009.

Π.33.   D. Halkos, N. Doulamis, A. Doulamis, "A Secure Framework Exploiting Content Guided and Automated Algorithms for Real Time Video Searching*," Multimedia Tools and Applications*, Vol. 42, pp. 343-375, April 2009.

Π.34.   A. Doulamis, "Dynamic Tracking Re-Adjustment: A Method for Automatic Tracking Recovery in Complex Visual Environments," *Multimedia Tools and Applications*, Vol. 50, No.1, pp. 49-73, 2010.

Π.35.   K. Ntalianis, A. Doulamis, N. Tsapatsoulis and N. Doulamis, "Human Action Annotation, Modeling and Analysis based on Implicit User Interaction," *Multimedia Tools and Applications*, Vol. 50, No.1, pp.199-225, 2010.

Π.36.   N. Doulamis, A. Doulamis, N. Papadakis, "Hierarchical graph-based media content representation for real time search in large scale multimedia databases," *Journal of Machine Graphics and Vision*, Vol. 19, No. 3, 2010, pp. 247-263 (Special Issue on Image Databases).

Π.37.   P. Delias, A. Doulamis, N. Matsatsinis, "What Agents can Do in Workflow Management Systems," *Artificial Intelligence Review Journal*, Springer Press, Vol. 32, No. 2, pp. 155-189, February 2011.

Π.38.   P. Delias, A. Doulamis, N. Doulamis and N. Matsatsinis "Optimizing Resource Conflicts in Workflow Management Systems," *IEEE Transactions on Knowledge Engineering*, Vol. 23, No.3, pp. 417-432, March 2011.

Π.39.   E. Sardis, A. Doulamis, N. Matsatsinis, "Sensor Networks and Multi-Agents in Industrial Workflows," *International Journal of Machine Learning and Computing,* Vol. 1, No. 2, pp. 205-212, June 2011.

Π.40.   A. Doulamis, N. Matsatsinis, "Visual Understanding Industrial Workflows under Uncertainty on Distributed Service oriented Architectures," *Future Generation Computer Systems Journal*, Elsevier Press, Vol. 28, No. 3, pp. 605-617, March 2012.

Π.41.   Athanasios Voulodimos, Dimitrios Kosmopoulos, Georgios Vasileiou, Emmanuel Sardis, Vasileios Anagnostopoulos, Constantinos Lalos, Anastasios Doulamis, Theodora Varvarigou, "A threefold dataset for activity and workflow recognition in complex industrial environments," *IEEE Multimedia Magazine,* Vol. 19, No. 3, pp. 42-52, July-Sept. 2012.

Π.42.　　　P. Spala, A. G. Malamos, A. Doulamis, G. Mamakis "Extending MPEG-7 For Efficient Annotation of Complex Web 3D Scenes," *Multimedia Tools and Applications,* Vol. 59, No. 2, pp. 463-504, 2012.

Π.43.　　　D. I. Kosmopoulos, A. S. Voulodimos, and A. D. Doulamis, " A System for Multicamera Task Recognition and Summarization for Structured Environments," *IEEE Transactions on Industrial Informatics,* Vol. 9, No. 1, 161-171, February 2013.

Π.44.　　　M. Kokkinos, N. Doulamis, and A. Doulamis "Local Geometrically Enriched Mixtures for Stable and Robust Human Tracking in Detecting Falls," *International Journal of Advanced Robotic Systems,* Vol. 10, pp. 1-13, January, 2013.

Π.45.　　　K. Makantasis and A. Doulamis. "3D Measures Computed in Monocular Camera System and SVM-based Classifier for Humans Fall Detection." *TMC Academic Journal*, Vol. 7, Issue 2, pp 1-14, Feb/Mar 2012.

Π.46.　　　K. Ntalianis, N. Tsapatsoulis, A. Doulamis and N. Matsatsinis, "Automatic Annotation of Image Databases Based on Implicit Crowdsourcing, Visual Concept Modeling and Evolution," *Multimedia Tools and Applications,* Vol. 69, No. 2, pp. 397-421, 2014.

Π.47.　　　C. Lalos, A. Voulodimos, A. Doulamis, T. Varvarigou, "Efficient tracking using a robust motion estimation technique," *Multimedia Tools and Applications* Vol. 69, No. 2, pp. 277-292, 2014.

Π.48.　　　Georgia Kyriakaki, Anastasios Doulamis, Nikolaos Doulamis, Marinos Ioannides, Konstantinos Makantasis, Eftichios Protopapadakis, Andreas Hadjiprocopis, Konrad Wenzel, Dieter Fritsch, Michael Klein, Guenther Weinlinger, "4D Reconstruction of Tangible Cultural Heritage Objects from web-retrieved Images," *International Journal of Heritage in Digital Era*, pp. 431-452, 2014.

Π.49.　　　A. Doulamis, "Event-driven video adaptation: A powerful tool for industrial video supervision" *Multimedia Tools and Applications* Vol. 69, No. 2, pp. 339-358, 2014.

Π.50.　　　E. Protopapadakis, ansd A. Doulamis, "Semi-Supervised Image Meta-Filtering Using Relevance Feedback in Cultural Heritage Applications." *International Journal of Heritage in the Digital Era*, 3(4), 613–627. https://doi.org/10.1260/2047-4970.3.4.613

Π.51.　　　Klimis Ntalianis, Anastasios Doulamis, Nikolaos Doulamis, Nikolaos Mastorakis, and Athanasios Drigas, "Unsupervised Segmentation of Stereoscopic Video Objects: Constrained Segmentation Fusion Versus Greedy Active Contours," *Journal of Signal Processing Systems,* Springer Press, Vol. 81, No. 2, pp. 153-181, 2015.

Π.52.　　　K. Makantasis, A. Doulamis, N. Doulamis and M. Ioannides, "In the wild image retrieval and clustering for 3D cultural heritage landmarks reconstruction," *Multimedia Tools and Applications*, Springer Press*,* Vol. 75, No. 7, pp. 3593-3629, 2016.

Π.53.　　　Konstantinos Makantasis, Eftychios Protopapadakis, Anastasios Doulamis, Nikolaos Doulamis, Nikolaos Matsatsinis "3D Measures Exploitation for a Monocular Semi-Supervised Fall Detection System," *Multimedia Tools and Applications*, Springer Press*,* 75(22), pp. 15017-15049, 2016.

Π.54.　　　Konstantinos Makantasis, Eftychios Protopapadakis, Anastasios Doulamis, Nikolaos Matsatsinis "Semi-supervised vision-based maritime surveillance system using fused visual attention maps" *Multimedia Toola and Applications*, Springer Press, 75(22), pp. 15051-15078, 2016.

Π.55.　　　Nikolaos Doulamis, Anastasios Doulamis, Panagiotis Kokkinos, and Emmanouel Varvarigos, "Event Detection in Twitter Microblogging," *IEEE Trans. on Cybernetics*, 46(12), pp. 2810-2824, 2016.

Π.56.　　　Eftychios E. Protopapadakis, Marco Schauer, Anastasios D. Doulamis, Georgios E. Stavroulakis, Jens U. Bohrnsen and Sabine C. Langer, "A genetically optimized neural classifier applied to numerical pile integrity tests considering concrete piles," *Computers & Structures*, Elsevier Press, 162, pp. 68-79, 2016.

Π.57.　　　Athanasios Voulodimos, Nikolaos Doulamis, Dieter Fritsch, Konstantinos Makantasis, Anastasios Doulamis, and Michael Kleind "Four-dimensional reconstruction of cultural heritage sites based on photogrammetry and clustering," *SPIE Journal of Electronic Imaging*, Vol. 26, No. 1, 2016.

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14.7. Κρίση Βιβλίου

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14.8. Άλλες Εργασίες

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15. Ετερο-αναφορές

Ο κ. Δουλάμης έχει τις εξής ετεροναφορές

1) scopus index: **1677 excluding self-citations from all authors (2414 in total)**
2) scholar google **4131 h-index 29, i10-index 109).**