

Δήμος Α. Τριάντης

Καθηγητής

Τμήμα Ηλεκτρονικών Μηχανικών
Τεχνολογικό Εκπαιδευτικό Ίδρυμα (ΤΕΙ) Αθήνας

Διεύθυνση: Αγίου Σπυρίδωνα 12 , 122 10 Αιγάλεω
Τηλέφωνο: +30 210 5385357
E mail: triantis@teiath.gr

Σύντομο Βιογραφικό Σημείωμα:

Ημερομηνία γέννησης: 27.10.1953

Ο Δ. Τριάντης πραγματοποίησε προπτυχιακές και μεταπτυχιακές σπουδές στο Εθνικό και Καποδιστριακό Πανεπιστήμιο Αθηνών: Πτυχιούχος Φυσικός (1975), κάτοχος μεταπτυχιακού διπλώματος στον Ηλεκτρονικό Αυτοματισμό (1980) και διδάκτορας του Πανεπιστημίου Αθηνών (1983), στον τομέα της Φυσικής της Στερεάς Κατάστασης.

Το έτος 1989 εκλέχτηκε καθηγητής στο Τμήμα Ηλεκτρονικών Μηχανικών του Τεχνολογικού Εκπαιδευτικού Ιδρύματος Αθήνας, στο γνωστικό πεδίο της Φυσικής των Ημιαγωγών και Διηλεκτρικών. Από το 2007 φέρει τον τίτλο του Honorary Professor Associate στην Σχολή Engineering and Design του Πανεπιστημίου Brunel (UK).

Κατά την διάρκεια της ακαδημαϊκής απασχόλησής του στο ΤΕΙ Αθήνας, έχει διατελέσει: Προϊστάμενος του Τμήματος Ηλεκτρονικής από 1992 έως 1997 και επί σειρά ετών υπεύθυνος του Τομέα Ηλεκτρονικών. Μέλος του Συμβουλίου της Επιτροπής Εκπαίδευσης και Ερευνών του ΤΕΙ Αθήνας (2004 έως 2010). Διευθυντής της Σχολής Τεχνολογικών Εφαρμογών του ΤΕΙ Αθήνας (2010 έως 2013). Μέλος της Μονάδας Διασφάλισης Ποιότητας (ΜΟ.ΔΙ.Π) του ΤΕΙ Αθήνας (2008 έως 2013). Διευθυντής του Προγράμματος Μεταπτυχιακών Σπουδών του Τμήματος Τμήμα Ηλεκτρονικών Μηχανικών με τίτλο: “Σχεδίαση και Ανάπτυξη Προηγμένων Συστημάτων Ηλεκτρονικής” (από το 2012 μέχρι το 2016). Αναπληρωτής Προέδρου στο ΤΕΙ Αθήνας (Οκτώβριος του 2013 έως Φεβρουάριος του 2016) και από τον Νοέμβριο του 2016 τακτικό μέλος του Διοικητικού Συμβουλίου του Δ.Ο.Α.Τ.Α.Π.

Ερευνητικά, ως Διευθυντής του [Εργαστηρίου Ηλεκτρονικών Διατάξεων και Υλικών](#) του Τμήματος Ηλεκτρονικών Μηχανικών του ΤΕΙ Αθήνας, δραστηριοποιείται στους τομείς της μελέτης των ηλεκτρικών ιδιοτήτων και συμπεριφορών υλικών και ηλεκτρονικών διατάξεων και σε τεχνικές ανίχνευσης ασθενών ηλεκτρικών σημάτων και ακουστικών εκπομπών, ως επακόλουθο της μηχανικής καταπόνησης υλικών. Μελέτες που αφορούν την εισαγωγή νέων τεχνολογιών και μεθοδολογιών στην εκπαίδευση και την αξιολόγηση αυτής, αποτελεί ένα ακόμη ερευνητικό πεδίο.

Έχει συμμετάσχει και συμμετέχει σε δεκάδες ερευνητικά, αναπτυξιακά, εκπαιδευτικά- εθνικά και ευρωπαϊκά- προγράμματα. Το δημοσιευμένο ερευνητικό του έργο σε διεθνή περιοδικά και σε τόμους πρακτικών διεθνών συνεδρίων ξεπερνά τις 200 επιστημονικές δημοσιεύσεις.

Αναλυτικό Βιογραφικό σημείωμα

- [Σπουδές](#)
- [Ακαδημαϊκή απασχόληση](#)
- [Τιμητικοί τίτλοι](#)
- [Διδακτική Εμπειρία](#)
- [Επίβλεψη διατριβών](#)
- [Ακαδημαϊκές Δραστηριότητες](#)
- [Χρηματοδοτούμενα Ερευνητικά Έργα](#)
- [Δημοσιεύσεις](#)
- [Αναφορές στο ερευνητικό έργο](#)

Σπουδές

- 1983 Διδακτορική Διατριβή στη Φυσική της Στερεάς Κατάστασης.
Τμήμα Φυσικής, Πανεπιστήμιο Αθηνών.
Τίτλος διατριβής: *“Ιοντικά θερμορεύματα σε θερμοκρασίες κατώτερες της θερμοκρασίας Debye”*
- 1980 Μεταπτυχιακό δίπλωμα εξειδίκευσης στον Ηλεκτρονικό Αυτοματισμό.
Φυσικομαθηματική Σχολή, Πανεπιστήμιο Αθηνών.
- 1975 Πτυχίο Φυσικού ,
Τμήμα Φυσικής, Πανεπιστήμιο Αθηνών.

Ακαδημαϊκή Απασχόληση

- 1989 - σήμερα Καθηγητής της Φυσικής Ημιαγωγών και Διηλεκτρικών, Τμήμα Ηλεκτρονικών Μηχανικών, Τεχνολογικό Εκπαιδευτικό Ίδρυμα Αθήνας.
-
- 1987-1989 Καθηγητής Εφαρμογών
Τμήμα Φυσικής, Τεχνολογικό Εκπαιδευτικό Ίδρυμα Αθήνας.
- 1983-1987 Έκτακτος καθηγητής,
Τμήμα Ηλεκτρονικής, Τεχνολογικό Εκπαιδευτικό Ίδρυμα Αθήνας.
- 1976-1984 Επιστημονικός συνεργάτης
Τμήμα Φυσικής, Πανεπιστήμιο Αθηνών.
-

Τιμητικός τίτλος

2007: Honorary Professor Associate, School of Engineering and Design, Brunel University (UK).

Διδακτική εμπειρία

Προπτυχιακά Προγράμματα Σπουδών

- 2016- σήμερα *Εισαγωγή στα Ηλεκτρονικά*, Τμήμα Ηλεκτρονικών Μηχανικών, ΤΕΙ Αθήνας.
- 2011-σήμερα *Φυσική ημιαγωγών και διατάξεων*, Τμήμα Ηλεκτρονικών Μηχανικών, ΤΕΙ Αθήνας.
- 1989-2010 *Ηλεκτρονική Φυσική*, Τμήμα Ηλεκτρονικών Μηχανικών, ΤΕΙ Αθήνας.
- 2008-2010 *Νανοηλεκτρονική*, Τμήμα Ηλεκτρονικών Μηχανικών, ΤΕΙ Αθήνας.
- 2002-2008 *Διαχείριση Έργων*, Τμήμα Ηλεκτρονικών Μηχανικών, ΤΕΙ Αθήνας.
- 1998-2001 *Ηλεκτρομαγνητική Συμβατότητα*, Τμήμα Ηλεκτρονικών Μηχανικών, ΤΕΙ Αθήνας.
- 1996-2008 *Σύνταξη Τεχνικών Εκθέσεων – Νόμοι και Ρυθμίσεις*, Τμήμα Ηλεκτρονικών Μηχανικών, ΤΕΙ Αθήνας.
- 1981-1989 *Ηλεκτρονικά Κυκλώματα*, Τμήμα Ηλεκτρονικών Μηχανικών, ΤΕΙ Αθήνας.
- 1985-1988 *Ψηφιακά Ηλεκτρονικά*, Τμήμα Πληροφορικής, ΤΕΙ Αθήνας.
- 1983-1989 *Τηλεπικοινωνιακά Συστήματα*, Τμήμα Ηλεκτρονικών Μηχανικών, ΤΕΙ Αθήνας.

Μεταπτυχιακά Προγράμματα Σπουδών

- 2012-σήμερα *Ειδικά Θέματα Σύγχρονης Φυσικής*. Πρόγραμμα Μεταπτυχιακών Σπουδών με τίτλο: “Σχεδίαση και Ανάπτυξη Προηγμένων Συστημάτων Ηλεκτρονικής”. Τμήμα Ηλεκτρονικών Μηχανικών, ΤΕΙ Αθήνας.
- 2012-σήμερα *Νανοηλεκτρονική και εφαρμογές*. Πρόγραμμα Μεταπτυχιακών Σπουδών με τίτλο: “Σχεδίαση και Ανάπτυξη Προηγμένων Συστημάτων Ηλεκτρονικής”. Τμήμα Ηλεκτρονικών Μηχανικών, ΤΕΙ Αθήνας.
- 2005-2012 *Υπεραγωγιμότητα και υπεραγώγιμα υλικά*. Πρόγραμμα Μεταπτυχιακών Σπουδών με τίτλο: “Χημεία και Τεχνολογία Υλικών”. Πανεπιστήμιο Ιωαννίνων.
- 1997 -2009 *Επίβλεψη διπλωματικών εργασιών*. Πρόγραμμα Μεταπτυχιακών Σπουδών σύμπραξης Πανεπιστήμιο Brunel - ΤΕΙ Αθήνας, με τίτλο: “Data Communication Systems”.

Επίβλεψη διατριβών

- Ph.D.** C. Anastasiadis (2000), Brunel University, UK.
Thermally stimulated current measurements in porous silicon.
co-advised with Dr J. Beynon.
- I. Stavrakas (2005), Brunel University, UK.
A contribution to the study of stress induced currents: Laboratory results and field

observations

co-advised with Dr M. Clarke

Ch. Stergiopoulos (current), Brunel University, UK.

Non-destructive evaluation of cement based materials by studying weak electric signals generated by knocking mechanic load.

co-advised with Prof. J. Stonham.

Συμμετοχή σε τριμελείς και επταμελείς επιτροπές διδακτορικών διατριβών σε Πανεπιστήμια του εσωτερικού

MSc

Χ. Καζακίδης, (2016), Π.Μ.Σ. “Σχεδίαση και Ανάπτυξη Προηγμένων Συστημάτων Ηλεκτρονικής”. Τμήμα Ηλεκτρονικών Μηχανικών, ΤΕΙ Αθήνας.

Ηλεκτρικός χαρακτηρισμός νανο-σύνθετων υλικών πολυμερικής μήτρας

Μ. Κοσμοαγλου, (2016), Π.Μ.Σ. “Σχεδίαση και Ανάπτυξη Προηγμένων Συστημάτων Ηλεκτρονικής”. Τμήμα Ηλεκτρονικών Μηχανικών, ΤΕΙ Αθήνας.

Ανάπτυξη αλγορίθμου επεξεργασίας δεδομένων ακουστικών εκπομπών (ΑΕ)

Ε. Κολοφωτιά, (2015), Π.Μ.Σ. “Σχεδίαση και Ανάπτυξη Προηγμένων Συστημάτων Ηλεκτρονικής”. Τμήμα Ηλεκτρονικών Μηχανικών, ΤΕΙ Αθήνας.

Ανάπτυξη εφαρμογής ηλεκτρονικών tests αυτό-αξιολόγησης γνώσεων φοιτητών και ηλεκτρονικών εξετάσεων με χρήση ερωτήσεων πολλαπλής επιλογής,

A .Tsirogiannis, (2005), Brunel University, UK.

Design and Implementation of Network Applications for Accessing Medical Databases.

K. Papadopoulos, (2005), Brunel University, UK.

Designing the security and expandability of a physical-access control system.

I . Daradimos, (2005), Brunel University, UK.

Designing the user and administrator interfaces of a physical-access control system.

M. Kaitza, (2005), Brunel University, UK.

Load Balancing of incoming IP network requests across a farm of servers.

A . Pantazis, (2006), Brunel University, UK.

Study & Analysis of the Energy-Efficient S-MAC Protocol in Ad-Hoc Wireless Sensor Networks.

N. Mitritsakis (2006), Technical University of Crete, Greece.

Investigation and quantification of damage in geomaterials with the technique of Dielectric Spectroscopy

co-advised with Prof. Z. Agioutantis.

I . Marinos, (2007), Brunel University, UK.

Development of a virtual electronics lab Environment.

A. Adamopoulou, (2007), Brunel University, UK.

E-learning: a secured environment for having examinations.

N. Stasinou, (2008), Brunel University, UK.

Software Development for the computerized control of Thermally Stimulated Discharge Current (TSDC) experimental technique.

Ακαδημαϊκές Δραστηριότητες

Διοικητικές – Ακαδημαϊκές Θέσεις

| | |
|-----------------|--|
| Από 11/2016 | Τακτικό μέλος του Διοικητικού Συμβουλίου του Δ.Ο.Α.Τ.Α.Π. στον επιστημονικό κλάδο Τεχνολογικών Επιστημών Μηχανικών. |
| 10/2013–02/2016 | Αναπληρωτής Πρόεδρος του Τεχνολογικού Εκπαιδευτικού Ιδρύματος (ΤΕΙ) Αθήνας. Πρόεδρος της Επιτροπής Εκπαίδευσης και Ερευνών του ΤΕΙ Αθήνας |
| 2010 - 2013 | Διευθυντής στη Σχολή Τεχνολογικών Εφαρμογών του Τεχνολογικού Εκπαιδευτικού Ιδρύματος (ΤΕΙ) Αθήνας. |
| 2012 - 2016 | Διευθυντής του Προγράμματος Μεταπτυχιακών Σπουδών του Τμήματος Ηλεκτρονικών Μηχανικών με τίτλο: “Σχεδίαση και Ανάπτυξη Προηγμένων Συστημάτων Ηλεκτρονικής”. |
| 2002- σήμερα | Διευθυντής του Εργαστηρίου Ηλεκτρικού Χαρακτηρισμού Υλικών και Ηλεκτρονικών Διατάξεων, Σχολή Τεχνολογικών Εφαρμογών, Τεχνολογικό Εκπαιδευτικό Ίδρυμα Αθήνας. |
| 2009 - σήμερα | Ιδρυματικός υπεύθυνος (ΤΕΙ Αθήνας) της Πράξης Αρχιμήδης ΙΙΙ, «Ενίσχυση Ερευνητικών Ομάδων στα ΤΕΙ, στο πλαίσιο του προγράμματος ΕΠΕΔΒΜ/ΕΣΠΑ. |
| 1992 - 1997 | Πρόεδρος του Τμήματος Ηλεκτρονικής της Σχολής Τεχνολογικών Εφαρμογών του Τεχνολογικού Εκπαιδευτικού Ιδρύματος Αθήνας. |
| 2002 - 2010 | Υπεύθυνος του Τομέα Ηλεκτρονικών Τμήμα Ηλεκτρονικής Τεχνολογικό Εκπαιδευτικό Ίδρυμα Αθήνας. |
| 1997 - 2010 | Συντονιστής του Προγράμματος Μεταπτυχιακών Σπουδών σύμπραξης Πανεπιστήμιο Brunel - ΤΕΙ Αθήνας, με τίτλο: “Data Communication Systems”. |
| 2003 - 2008 | Ιδρυματικός υπεύθυνος (ΤΕΙ Αθήνας) για το έργο «Αναμόρφωση Προπτυχιακών Προγραμμάτων Σπουδών» (ΕΠΕΑΕΚ ΙΙ). |
| 1998 - 2000 | Ιδρυματικός υπεύθυνος (ΤΕΙ Αθήνας) για το έργο Πρόγραμμα Συμπληρωματικής Εκπαίδευσης, στο πλαίσιο του ΕΠΕΑΕΚ Ι με τίτλο: “Ολοκληρωμένος Σχεδιασμός και Έλεγχος Τηλεπικοινωνιακού Προϊόντος”. |
| 1995–1996 | Επίβλεψη και παρακολούθηση του έργου <i>Εγκατάσταση και λειτουργία του Τηλεπικοινωνιακού Δικτύου</i> , στο Τεχνολογικό Εκπαιδευτικό Ίδρυμα Αθήνας. |

Συμμετοχή σε Ακαδημαϊκά Συμβούλια

| | |
|-------------|---|
| 2010 - 2013 | Μέλος του Συμβουλίου του ΤΕΙ Αθήνας. |
| 2008 - 2013 | Μέλος της Μονάδας Διασφάλισης Ποιότητας (ΜΟ.ΔΙ.Π) του ΤΕΙ |

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| | Αθήνας. |
| 2004 - 2010 | Μέλος του Συμβουλίου της Επιτροπής Εκπαίδευσης και Ερευνών του ΤΕΙ Αθήνας. |
| 1989 - 1992 2006 - 2010 | Μέλος του Συμβουλίου του Τμήματος Ηλεκτρονικής του ΤΕΙ Αθήνας. |
| 2006 - 2010 | Μέλος της Ομάδας Εσωτερικής Αξιολόγησης του Τμήματος Ηλεκτρονικής του ΤΕΙ Αθήνας. |
| 1998 - 2007 | Μέλος της Επιτροπής Παρακολούθησης (ΤΕΙ Αθήνας) των χρηματοδοτούμενων Ευρωπαϊκών Προγραμμάτων (ΕΠΕΑΕΚ I & II). |
| 1997 - 2009 | Επιστημονικός σύμβουλος του ΙΚΥ για μεταπτυχιακούς υποτρόφους εξωτερικού στα γνωστικά αντικείμενα: Ηλεκτρονική – Τηλεπικοινωνίες. |
| 1998–2006 | Μέλος της Επιστημονικής Επιτροπής του έργου: <i>Δίκτυα & Προηγμένες Τηλεματικές Εφαρμογές</i> , του Τεχνολογικού Εκπαιδευτικού Ιδρύματος Αθήνας. |

Συντακτικές επιτροπές διεθνών περιοδικών

Associate Editor: WSEAS Transactions on Advances in Engineering Education.

Guest editor : Fracture and Structural Integrity

Editorial Board:

- Open Journal of Applied Sciences
- International Journal of Materials Chemistry and Physics
- American Journal of Educational Science
- International Journal of Education and Information Technology
- International Journal of Advanced Research in Physical Science

Chair and Proceedings Editor:

- 2th WSEAS/IASME International Conference on Engineering Education (EE'05), Athens 2005.
- Science in Technology - SCinTE 2015, Athens 2015.

Proceedings Editor:

2nd IASME/WSEAS International Conference on Geology and Seismology (GES 08), University of Cambridge, 2008.

Κριτής επιστημονικών περιοδικών (ενδεικτικά για τα τρία τελευταία έτη)

- Materials Science & Engineering B
- Journal of Materials Science

- IEEE Transactions on Education
- Computers & Education
- Journal of Hazardous Materials
- Europhysics Letters (EPL)
- Journal of Physics and Chemistry of Solids,
- Physica A
- Journal of Non-Crystalline Solids
- Natural Hazards and Earth System Sciences
- Construction & Building Materials
- Thin Solid Films

Μέλος επιστημονικών επιτροπών διεθνών συνεδρίων

(ενδεικτικά από 2011- σήμερα)

| | |
|--------------|---|
| 2016 | <ul style="list-style-type: none"> • 17th International Conference on Experimental Mechanics, Rhodes, Greece, July 3-7, 2016, (Scientific Committee) • 10th International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2016, Split, Croatia, 3-6 July, (Scientific Committee) |
| 2015 | <ul style="list-style-type: none"> • International Conference 'Science in Technology' - SCinTE 2015, 5-7 Nov. 2015, (Conference Chair) • 9th International Conference on Advanced Computational Engineering and Experimenting-ACEX 2015, Germany, Munich, 29 June - 2 July 2015 (Scientific Committee) • 8th National NDT Conference of HSNT, Athens-Greece, NHRF, 8-9 May 2015, (Scientific Committee) |
| 2014 | 2nd International Conference on COMPUTER SUPPORTED EDUCATION (COSUE '14), Cambridge, MA, USA, January 29-31, 2014, (Scientific Committee) |
| 2013 | 2nd Conference on Bio-Medical Instrumentation and related Engineering and Physical Sciences BIOMEPE 2013 (Local Organizing Committee) |
| 2011 | <ul style="list-style-type: none"> • EUROSENSORS XXV, Athens, Greece (Local Program Committee). • 4th International Conference on MANUFACTURING ENGINEERING, QUALITY and PRODUCTION SYSTEMS -MEQAPS '11, (Scientific Committee). |
| 2012 2011 | WSEAS International Conference on NANOTECHNOLOGY, Cambridge, UK, (Scientific Committee). |

Μέλος εθνικών διεθνών επιστημονικών ενώσεων

Greek Society of Experimental Mechanics of Materials (president)

European Materials Research Society (E-MRS)

International Dielectric Society (IDS)

European Federation for Non-Destructive Testing (EFNDT)

European Geosciences Union

Hellenic Society for Science and Technology of Condensed Matter

Hellenic Society for NDT (HSNT)

Χρηματοδοτούμενα Ερευνητικά Έργα

Συντονισμός – Υπεύθυνος έργου – Υπεύθυνος ερευνητικής ομάδας

| | |
|-------------|--|
| 2012 – 2015 | <p>Τίτλος έργου: “Μη καταστρεπτική αξιολόγηση υλικών βασισμένων σε τσιμέντο μελετώντας ασθενή ηλεκτρικά σήματα διεγερόμενα από μηχανική κρουστική φόρτιση”.</p> <p>Στο πλαίσιο της πράξης: <i>Ενίσχυση Ερευνητικών Ομάδων στα ΤΕΙ (ΑΡΧΙΜΗΔΗΣ ΙΙΙ)</i>, του Επιχειρησιακού Προγράμματος «Εκπαίδευση και Διά Βίου Μάθηση».</p> <p>Επιστημονικός υπεύθυνος έργου: Δ. Τριάντης</p> <p>Προϋπολογισμός: 100.000 €</p> <p>Συγχρηματοδότηση από την Ευρωπαϊκή Ένωση (ΕΚΤ) και εθνικούς πόρους.</p> |
| 2012 – 2015 | <p>Τίτλος έργου: “Ανάπτυξη και Χαρακτηρισμός Καινοτόμων Πολυ-Λειτουργικών Νανοσύνθετων Υλικών Πολυμερικής Μήτρας”.</p> <p>Στο πλαίσιο της πράξης: <i>Ενίσχυση της Διεπιστημονικής - Διδρυματικής έρευνας και καινοτομίας (ΘΑΛΗΣ)</i>, του Επιχειρησιακού Προγράμματος «Εκπαίδευση και Διά Βίου Μάθηση».</p> <p>Συντονισμός ερευνητικού έργου: Α. Καναπίτσας, ΤΕΙ Λαμίας.</p> <p>Προϋπολογισμός έργου: 518.000 €</p> <p>Επιστημονικός υπεύθυνος της ερευνητικής ομάδας του ΤΕΙ Αθήνας: Δ. Τριάντης.</p> <p>Προϋπολογισμός ερευνητικής ομάδας ΤΕΙ Αθήνας: 90.000 €</p> <p>Συγχρηματοδότηση από την Ευρωπαϊκή Ένωση (ΕΚΤ) και εθνικούς πόρους.</p> |
| 2012 – 2015 | <p>Τίτλος έργου: «<i>Integrated understanding of seismicity, using innovative methodologies of fracture mechanics along with earthquake and non extensive statistical physics – application to the geodynamic system of the Hellenic arc</i>».</p> <p>Στο πλαίσιο της πράξης: <i>Ενίσχυση της Διεπιστημονικής - Διδρυματικής έρευνας και καινοτομίας (ΘΑΛΗΣ)</i>, του Επιχειρησιακού Προγράμματος «Εκπαίδευση και Διά Βίου Μάθηση».</p> <p>Συντονισμός ερευνητικού έργου: Φ. Βαλλιανάτος, ΤΕΙ Κρήτης.</p> <p>Προϋπολογισμός έργου: 537.000 €</p> <p>Επιστημονικός υπεύθυνος της ερευνητικής ομάδας του ΤΕΙ Αθήνας: Δ. Τριάντης.</p> <p>Προϋπολογισμός ερευνητικής ομάδας ΤΕΙ Αθήνας: 85.000 €</p> <p>Συγχρηματοδότηση από την Ευρωπαϊκή Ένωση (ΕΚΤ) και εθνικούς πόρους.</p> |
| 2012 – 2015 | <p>Τίτλος έργου: <i>Ανάπτυξη και αξιολόγηση καινοτόμων πειραματικών τεχνικών για τη μελέτη της μηχανικής συμπεριφοράς φυσικών δομικών λίθων με εφαρμογές στη συντήρηση μνημείων της Πολιτιστικής Κληρονομιάς.</i></p> <p>Στο πλαίσιο της πράξης: <i>Ενίσχυση της Διεπιστημονικής - Διδρυματικής έρευνας και καινοτομίας (ΘΑΛΗΣ)</i>, του Επιχειρησιακού Προγράμματος «Εκπαίδευση και Διά Βίου Μάθηση».</p> <p>Συντονισμός ερευνητικού έργου: Σ. Κουρκουλής, ΕΜΠ.</p> |

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| | <p>Προϋπολογισμός έργου: 549.000 € Επιστημονικός υπεύθυνος της ερευνητικής ομάδας του ΤΕΙ Αθήνας: Δ. Τριάντης. Προϋπολογισμός ερευνητικής ομάδας ΤΕΙ Αθήνας: 145.000 € Συγχρηματοδότηση από την Ευρωπαϊκή Ένωση (ΕΚΤ) και εθνικούς πόρους.</p> |
| 2006–2008 | <p>INTERREG IIIB ARCHIMED: <i>“Methodology Integration of EO Techniques as Operative Tool for Land Degradation Management and Planning in Mediterranean Areas (MILD MAP MEDIA)”</i>. 8 partners from 2 countries, Partner coordinator ΤΕΙ Αθήνας: Δ. Triantis. Προϋπολογισμός έργου: 755.000 € Προϋπολογισμός ερευνητικής ομάδας ΤΕΙ Αθήνας: 154.500 €.</p> |
| 2005–2007 | <p>Τίτλος έργου: <i>“ Η ηλεκτρική συμπεριφορά γεωυλικών κάτω από συνθήκες μηχανικής καταπόνησης με αξονική πίεση ”</i>. Στο πλαίσιο της πράξης: <i>Ενίσχυση Ερευνητικών Ομάδων στα ΤΕΙ (ΑΡΧΙΜΗΔΗΣ II)</i>, του Επιχειρησιακού Προγράμματος «Εκπαίδευση και Διά Βίου Μάθηση». Επιστημονικός υπεύθυνος έργου: Δ. Τριάντης Προϋπολογισμός: 60.000 € Συγχρηματοδότηση από την Ευρωπαϊκή Ένωση (ΕΚΤ) και εθνικούς πόρους.</p> |
| 2003–2008 | <p>European funded Project: <i>“Teaching Support Centre of the Technological Educational Institute of Athens”</i>. Coordinator: Δ. Triantis. Προϋπολογισμός: 326.800 €</p> |
| 2003–2008 | <p>European funded Project: <i>“Upgrading of Undergraduate Curricula Technological Educational Institute of Athens”</i>. Coordinator: Δ. Triantis. Προϋπολογισμός: 2.280.700 €</p> |
| 1999–2001 | <p>European funded Project: <i>“Complementary Education - Design and Testing of Telecommunication Product Implementation”</i>. Coordinator: Δ. Triantis. Προϋπολογισμός: 266.000 €</p> |
| Συμμετοχές | |
| 2016 -2018 | <p>hackAIR: <i>Collective awareness platform for outdoor air pollution / HORIZON 2020 - ICT-2015</i> Προϋπολογισμός έργου: 1.599.467 €</p> |
| 2009–2011 | <p>Πρόγραμμα Ενίσχυσης Ελληνικών Τεχνολογικών Συνεργατικών Σχηματισμών στη Μικροηλεκτρονική (Corallia): <i>Next Generation Millimeter Wave Backhaul Radio – NexGenMiliwave</i>. Προϋπολογισμός έργου: 4.100.000 €.</p> |
| 2008–2010 | <p>Ευρωπαϊκό πρόγραμμα (FP7 ICT). Τίτλος: <i>«RElay based Wireless Network and standarD (REWIND)»</i>, με συμμετοχές έξι (6) επιχειρήσεων υψηλής τεχνολογίας από τρεις (3) διαφορετικές χώρες. Προϋπολογισμός έργου: 5.500.000 €.</p> |

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| 2006-2008 | INTERREG IIIB ARCHIMED: “Advanced techniques for SEismic RISK reduction in Mediterranean Archipelago Regions”. Προϋπολογισμός έργου: 256.500 €. |
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Publications

- [Refereed Publications in Journals: 72](#)
- [Papers in Conference Proceedings: 81](#)
- [Abstracts in Conferences: 77](#)
- [Chapter in Books: 4](#)
- [Books](#)
- [Lecture Notes](#)
- [Study Tool \(CD- Rom\)](#)
- [Reviews and Reports](#)

Total citations:

649 (scopus)

h-index : 16

1115 (Google Scholar) [link](#)

h-index : 19

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- 2) A. Kanapitsas, G. Psarras C. Tsonos, A. Speliotis, A. Patsidis, E. Siores, **D. Triantis**, *Magneto-electric response and functionality in barium ferrite/barium titanate/epoxy resin nanocomposites*, **Journal of Advanced Physics**, 6, 69–75 (2017) [link](#)
- 3) Ilias Stavrakas, **Dimos Triantis**, Stavros Kourkoulis, Ermioni Pasiou, Ioanna Dakanali, *Acoustic emission analysis when cement mortar specimens are subjected to three point bending repetitive cycles*, **Latin American Journal of Solids and Structures**, Vol 13 (12), pp. 2283-2297 (2016) [link](#)
- 4) G. Hloupis, I. Stavrakas, F. Vallianatos and **D. Triantis**, *A preliminary study for prefailure indicators in acoustic emissions using wavelets and natural time analysis*, **Journal of Materials: Design and Applications**, Vol. 230(3) 780–788 (2016) [link](#)
- 5) A. Alexandridis, I. Stavrakas, Ch. Stergiopoulos, G. Hloupis, K. Ninos, **D. Triantis**, *Non-destructive assessment of the three-point-bending strength of mortar beams using radial basis function neural networks*, **Computers and Concrete**, vol. 16, no 6, 919-932 (2015) [link](#)
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- 10) Filippos Vallianatos and **Dimos Triantis**, *A non extensive view of the pressure stimulated current relaxation during repeated abrupt uniaxial load-unload in rock samples*, **Europhysics Letters (EPL) 104 (2013) 68002** [link](#)
- 11) Kourkoulis, S. K., Pasiou E. D., Stavrakas I., Hloupis G., Triantis D. *The mechanical response of marble epistyles studied with the aid of innovative experimental techniques*, **Anyagvizsgálók Lapja (Mechanical Testing – 2013 / 3-4), pp.85-92** [link](#)
- 12) Eleni Stoumbou, Ilias Stavrakas, George Hloupis, Alex Alexandridis, **Dimos Triantis**, Konstantinos Moutzouris, *A comparative study on the use of the extended-Cauchy dispersion equation for fitting refractive index data in crystals*, **Optical and Quantum Electronics, Volume 45, pp 837-859 (2013)**. [link](#)
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