

ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

ΚΩΝΣΤΑΝΤΙΝΟΥ Θ. ΠΑΠΑΔΟΠΟΥΛΟΥ

Αναπληρωτή Καθηγητή ΕΜΠ

1. ΑΤΟΜΙΚΑ ΣΤΟΙΧΕΙΑ

Επώνυμο : Παπαδόπουλος
Όνομα : Κωνσταντίνος
Τόπος γεννήσεως : Καλαμάτα
Ημερ. γεννήσεως : 16 Απριλίου 1947
Οικογενειακή κατάσταση : Παντρεμένος και πατέρας τεσσάρων παιδιών
Ιδιότητα : Διδάκτορας Πυρηνικής Φυσικής
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2. ΣΠΟΥΔΕΣ - ΠΡΟΥΠΗΡΕΣΙΑ

- 2.1** Πτυχίο Φυσικού τμήματος, Φυσικομαθηματικής Σχολής Πανεπ. Αθηνών (Λίαν καλώς, Νοέμβριος 1969).
- 2.2** Μεταπτυχιακός Σπουδαστής του Κ.Π.Ε. "Δημόκριτος", με υποτροφία της Ελληνικής Επιτροπής Ατομικής Ενέργειας.
- 2.3** Διδακτορικό Δίπλωμα στην Πυρηνική Φυσική, Παν/μιο Ιωαννίνων (Άριστα, Μάρτιος 1976).
- 2.4** Βοηθός Εργαστηρίου Φυσικής Β' Ε.Μ.Π. (Ιανουάριος 1978-Ιούλιος 1982)
- 2.5** Λέκτορας Τομέα Φυσικής Ε.Μ.Π. (Ιούλιος 1982- Νοέμβριος 1988).
- 2.6** Επίκουρος Καθηγητής Τομέα Φυσικής Ε.Μ.Π. (Νοέμβριος 1988- Απρίλιος 1998)
- 2.7** Αναπληρωτής Καθηγητής Τομέα Φυσικής ΕΜΠ (Απρίλιος 1998-σήμερα)

3. ΕΚΠΑΙΔΕΥΤΙΚΕΣ ΔΡΑΣΤΗΡΙΟΤΗΤΕΣ

3.1 Αυτοδύναμη διδασκαλία των μαθημάτων. Φυσική III (Κυματική), Φυσική II (Ηλεκτρομαγνητισμός), Φυσική IV (Κβαντική και Στατιστική Φυσική), Πυρηνική Φυσική & Στοιχειώδη Σωματίδια και. Εργαστηριακή Φυσική στα Τμήματα Μεταλλειολόγων, Μηχανολόγων, Ηλεκτρολόγων, Τοπογράφων, Εφ.Μαθ.& Φυσικών Επιστημών και Ναυπηγών (1982-σήμερα)

3.2 Επίβλεψη στα Εκπαιδευτικά Εργαστήρια όλων των μαθημάτων Φυσικής για όλα τα Τμήματα του ΕΜΠ.

3.3 Επίβλεψη και καθοδήγηση 15 Διπλωματικών Εργασιών τελειοφοίτων σπουδαστών του ΕΜΠ.

3.4 Επίβλεψη και καθοδήγηση πέντε Διδακτορικών Διατριβών που έχουν ολοκληρωθεί και άλλων τριών που βρίσκονται σε εξέλιξη.

3.5 Οργάνωση και ανάπτυξη ασκήσεων και συγγραφή βιβλίων των Εκπαιδευτικών Εργαστηρίων του Τομέα Φυσικής του ΕΜΠ.

4. ΕΡΕΥΝΗΤΙΚΕΣ ΔΡΑΣΤΗΡΙΟΤΗΤΕΣ

Επικεντρώνονται στην περιοχή της Πειραματικής Πυρηνικής Φυσικής και συγκεκριμένα στα αντικείμενα :

4.1 Φασματοσκοπία ακτίνων-γ.

4.2 Μελέτη αντιδράσεων βαρέων ιόντων.

4.3 Φασματοσκοπία -γ υψηλού σπιν

4.4 (η,α) και (η,χη) αντιδράσεις σε μέταλλα.

4.5 Εφαρμογές πυρηνικών μεθόδων στη μελέτη υλικών.

4.6 . Μετρήσεις ραδιενέργειας στη θάλασσα

Ορισμένα από τα ερευνητικά αυτά προγράμματα εγκρίθηκαν και χρηματοδοτήθηκαν από την ΕΕ (Προγράμματα Stimulation, Science και TMR), την Γενική Γραμματεία Ερευνας και Τεχνολογίας, τον Διεθνή Οργανισμό Ατομικής Ενέργειας και το ΕΜΠ.

5. ΕΠΙΣΤΗΜΟΝΙΚΕΣ ΣΥΝΕΡΓΑΣΙΕΣ

Οι παραπάνω ερευνητικές δραστηριότητες πραγματοποιήθηκαν σε συνεργασία με Πανεπιστήμια και Ερευνητικά Κέντρα του εσωτερικού (ΕΚΕΦΕ “Δημόκριτος”, Παν/μιο Ιωαννίνων, Εθνικό Κέντρο Θαλασσιών Ερευνών) και του εξωτερικού (Εργ. Daresbury, Παν/μια Birmingham, Liverpool, Manchester της Αγγλίας, Παν/μιο Μονάχου Γερμανίας, Παν/μια Lyon, Grenoble, Orsay Γαλλίας και Παν/μια Lund, Stockholm της Σουηδίας).

6. ΣΥΝΕΔΡΙΑ-ΔΙΑΛΕΞΕΙΣ

6.1 Συμμετοχή σε 14 Διεθνή και Πανελλήνια συνέδρια Πυρηνικής Φυσικής

6.2 Συμμετοχή στην οργάνωση ενός Διεθνούς και ενός Πανελληνίου Συνεδρίου Πυρηνικής Φυσικής.

6.3 Δέκα διαλέξεις σε Πανεπιστήμια, συνέδρια και ημερίδες.

7. ΣΥΓΓΡΑΜΜΑΤΑ-ΕΚΔΟΣΕΙΣ

7.1 Συμμετοχή στη συγγραφή τριών εκπαιδευτικών βιβλίων του Τομέα Φυσικής ΕΜΠ

7.2 Συντονισμός και επιμέλεια της εκδόσεως των πρακτικών σε ένα Πανελλήνιο Συνέδριο Πυρηνικής Φυσικής.

8. ΕΠΙΒΛΕΨΗ ΔΙΔΑΚΤΟΡΙΚΩΝ ΔΙΑΤΡΙΒΩΝ

5 έχουν ολοκληρωθεί και 2 βρίσκονται υπό εξέλιξη.

9. ΞΕΝΕΣ ΓΛΩΣΣΕΣ

Αγγλικά

10. ΔΗΜΟΣΙΕΥΣΕΙΣ

10.1 Άνω των 70 Δημοσιεύσεων σε Διεθνή Επιστημονικά Περιοδικά.

10.2 Άνω των 100 Δημοσιεύσεων σε Πρακτικά Πανελληνίων και Διεθνών Επιστημονικών Συνεδρίων .

ΚΑΤΑΛΟΓΟΣ ΔΗΜΟΣΙΕΥΣΕΩΝ ΤΗΝ ΤΕΛΕΥΤΑΙΑ 20-ΕΤΙΑ

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- S.Galanopoulos, N.Patronis, D. Karamanis, Ch. Zarkadas, G. Kalyva and S. Kossionides, Phys. Rev. C73(2006)067601.
33. A Detailed Study of the $^{12}\text{C}(d,p_0)^{13}\text{C}$ Reaction at Detector Angles between 135° and 170° , for the Energy Range $E_{d, \text{lab}} = 900\text{-}2000$ keV M. Kokkoris', P.Misailides, S.Kossionides, A.Lagoyannis, Ch.Zarkadas, R.Vlastou, C.T.Papadopoulos, A.Kontos, Nucl. Instr. Meth. Phys.Res.B249(2006)77.
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 44. A detailed study of the $d+^{10}\text{B}$ system, for nuclear reaction analysis. Part A: The $^{10}\text{B}(d,p)^{11}\text{B}$ reaction in the energy region 900-2000keV. M.Kokkoris, V.Foteinou, G.Provatas, A.Kontos, N.Patronis, C.T.Papadopoulos, R.Vlastou, P.Misaelides, A.Lagoyannis, S.Harissopulos. Nucl. Instr. Meth. Phys.Res B263(2007)357.
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