

Βιογραφικό Σημείωμα

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Όνομα: Ιωαννίδης Ευστράτιος του Θεοδώρου.
Έτος γεννήσεως: 1971
Οικογενειακή κατάσταση: Έγγαμος
Στρατιωτικές υποχρεώσεις: Εκπληρωμένες
Διεύθυνση εργασίας: Σχολή Μηχανικών Παραγωγής & Διοίκησης
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ΕΚΠΑΙΔΕΥΣΗ

- Δίπλωμα Μηχανικού Παραγωγής και Διοίκησης, Πολυτεχνείο Κρήτης, 1995.
- Μεταπτυχιακό Δίπλωμα Ειδίκευσης, Σχολή Μηχανικών Παραγωγής και Διοίκησης (**ΜΠΔ**), Πολυτεχνείο Κρήτης (**ΠΚ**), 1997.
- Διδακτορικό Δίπλωμα, Σχολή ΜΠΔ, ΠΚ, 2004.

ΕΡΕΥΝΗΤΙΚΗ ΚΑΙ ΕΠΑΓΓΕΛΜΑΤΙΚΗ ΕΜΠΕΙΡΙΑ

6/2010 – σήμερα Επίκουρος Καθηγητής της σχολής Μηχανικών Παραγωγής και Διοίκησης του Πολυτεχνείου Κρήτης.

2/2009 – 6/2009 Επισκέπτης ερευνητής στο εργαστήριο «Génie Industriel» (LGI) του Πανεπιστημίου École Centrale Paris.

3/2005 – 6/2010 Λέκτορας στο τμήμα Μαθηματικών του Πανεπιστημίου Αιγαίου.

11/2002 - 1/2004 Ερευνητής στο έργο με τίτλο, «Συνεργαζόμενες πολιτικές ελέγχου αποθεμάτων και αποδοχής παραγγελιών σε συστήματα παραγωγής», ΕΠΕΑΕΚ (Επιχειρησιακό Πρόγραμμα Εκπαίδευσης και Αρχικής Επαγγελματικής Κατάρτισης), ΗΡΑΚΛΕΙΤΟΣ, με επιστημονικό υπεύθυνο τον αναπληρωτή καθηγητή του Τμήματος ΜΠΔ Βασίλη Κουϊκόγλου.

8/2002 - 6/2002 Ερευνητής στο έργο με τίτλο, «Ιεραρχικός Ευφυής Έλεγχος Συστημάτων Παραγωγής», κοινά ερευνητικά προγράμματα E&T Ελλάδας - Σλοβενίας ΓΓΕΤ, με επιστημονικό υπεύθυνο τον καθηγητή του Τμήματος ΜΠΔ Κίμων Βαλαβάνη.

5/2001 - 6/2001 Ερευνητής στο έργο με τίτλο, «Ευφυείς και προσαρμοστικές τεχνικές για τη μέτρηση της βιομηχανικής ευελιξίας», κοινά ερευνητικά προγράμματα E&T Ελλάδας - Σλοβενίας ΓΓΕΤ, με

	επιστημονικό υπεύθυνο τον καθηγητή του Τμήματος ΜΠΔ Ιωάννη Φίλη.
5/1998 - 8/1998	Ερευνητής στο ερευνητικό έργο ΠΕΝΕΔ 95 Α/Α 489 ΓΓΕΤ με τίτλο, «Ένα σύστημα ασαφούς λογικής για τη μέτρηση της ευελιξίας συστημάτων παραγωγής», με επιστημονικό υπεύθυνο τον καθηγητή του Τμήματος ΜΠΔ Ιωάννη Φίλη.
3/1996 - 12/1996	Ερευνητής στο έργο της Ευρωπαϊκής Ένωσης, BRITE EURAM "Development of the Production Planning System in the Garment Manufacturer" με αριθμό έργου ΒΕ-7727 και αριθμό σύμβασης BREU CT-94-0979 με επιστημονικό υπεύθυνο τον αναπληρωτή καθηγητή του Τμήματος ΜΠΔ Νικόλαο Μπιλάλη.
3/1995 - 7/1995	Υπεύθυνος χωροθέτησης της νέας μονάδας ανακύκλωσης πλαστικών στην ΠΛΑΣΤΙΚΑ ΚΡΗΤΗΣ Α.Β.Ε.Ε. υπό την επίβλεψη του διευθυντή του τεχνικού τμήματος της εταιρείας κ Ιωάννη Μελά.

ΔΙΟΙΚΗΤΙΚΗ ΕΜΠΕΙΡΙΑ

11/2013 – σήμερα	Μέλος της Επιτροπής Προπτυχιακών Σπουδών της σχολής Μ.Π.Δ. του Πολυτεχνείου Κρήτης.
9/2011 – 6/2013	Μέλος της Επιτροπής Μεταπτυχιακών Σπουδών της σχολής Μ.Π.Δ. του Πολυτεχνείου Κρήτης.
10/2007 – 9/2008	Μέλος της Συγκλήτου του Πανεπιστημίου Αιγαίου.
6/2007 – 11/2009	Τμηματικός Υπεύθυνος του προγράμματος ERASMUS στο τμήμα Μαθηματικών, του Πανεπιστημίου Αιγαίου.
10/2005 – 6/2010	Μέλος της Συντονιστικής Επιτροπής Μεταπτυχιακών Σπουδών του τμήματος Μαθηματικών, του Πανεπιστημίου Αιγαίου.

ΔΙΔΑΚΤΙΚΗ ΕΜΠΕΙΡΙΑ

9/2010 – σήμερα	Διδάσκων των μαθημάτων «Συστήματα Παραγωγής», «Δίκτυα Παραγωγής», «Στατιστική για Μηχανικούς», «Ρομποτική» και «Προχωρημένα Συστήματα Αναμονής» (μεταπτυχιακό), «Έλεγχος Αποθεμάτων» (μεταπτυχιακό), Σχολή ΜΠΔ, ΠΚ.
3/2005 – 6/2010	Διδάσκων των μαθημάτων «Φυσική Ι», «Θεωρία Πολυπλοκότητας και Αλγορίθμων», «Στατιστική», «Γραμμικός Προγραμματισμός», «Δυναμικός Προγραμματισμός», «Μαθηματικά Μοντέλα στη Βιομηχανία» (μεταπτυχιακό), «Στοχαστική Μοντελοποίηση» (μεταπτυχιακό) και «Πιθανότητες-Στατιστική» (μεταπτυχιακό), Τμήμα Μαθηματικών, Πανεπιστημίου Αιγαίου.
3/2005 – 8/2005	Διδάσκων με σύμβαση σύμφωνα με το Προεδρικό Διάταγμα 407, του μαθήματος «Στοχαστικές Διεργασίες», Τμήμα ΜΠΔ, Δημοκρίτειο Πανεπιστήμιο Θράκης.
3/2004 – 2/2005	Διδάσκων με σύμβαση ΠΔ 407, των μαθημάτων «Συστήματα Παραγωγής», «Ευφυής Βιομηχανικός Έλεγχος και Μηχτρονική» και «Ρομποτική», Σχολή ΜΠΔ, ΠΚ.
9/2001 – 2/2004	Διδάσκων με σύμβαση ΠΔ 407 για τρία χειμερινά εξάμηνα του εργαστηρίου του μαθήματος «Προσομοίωση», Σχολή ΜΠΔ,

	ΠΚ.
Άνοιξη 2003	Βοηθός διδασκαλίας με σύμβαση ΠΔ 407 του μαθήματος «Προγραμματισμός Παραγωγής» (Μεταπτυχιακό) στη σχολή ΜΠΔ, ΠΚ.
1997–99, 2001–04	Βοηθός διδασκαλίας με υποτροφία από την σχολή ΜΠΔ (ΠΚ) για τα μαθήματα «Στοχαστικές Διαδικασίες», «Προσομοίωση» και «Προγραμματισμός Παραγωγής» (Μεταπτυχιακό).
10/1998 - 6/1999	Διδάσκων των μαθημάτων «Στατιστική Ι», «Στατιστική ΙΙ» και «Μεθοδολογία Ανάπτυξης Εφαρμογών» στο Ι.Ε.Κ. Χανίων.

ΔΙΑΚΡΙΣΕΙΣ

- Υπότροφος του Ι.Κ.Υ. για τις επιδόσεις στο ακαδημαϊκό έτος 1994-95.
- Πρώτος σε επίδοση απόφοιτος του Τμήματος ΜΠΔ το έτος 1995.
- Υπότροφος του Τμήματος ΜΠΔ για την εκπόνηση Διδακτορικής Διατριβής, από 1-10-97 έως 31-8-99 και από 1-3-2001 έως 31-1-2004.

ΕΠΙΣΤΗΜΟΝΙΚΕΣ ΔΡΑΣΤΗΡΙΟΤΗΤΕΣ

Κριτής σε περιοδικά

- *4OR*
- *Computers and Industrial Engineering*
- *European Journal of Operational Research*
- *IEEE Transactions on Automation Science and Engineering*
- *IEE Transactions*
- *IMA Journal of Management Mathematics*
- *International Journal of Advanced Manufacturing Technology*
- *International Journal of Applied Management Science*
- *International Journal of Manufacturing technology and Management*
- *International Journal of Production Research*
- *International Journal of Systems Science*
- *International Transactions in Operational Research*
- *Omega*
- *Operational Research*
- *Transportation Research Part C*

ΕΠΙΣΤΗΜΟΝΙΚΑ ΕΝΔΙΑΦΕΡΟΝΤΑ

- 1) Ανάλυση, σύνθεση και έλεγχος δικτύων παραγωγής.
- 2) Εφαρμογές μεθόδων τεχνητής νοημοσύνης σε προβλήματα συστημάτων παραγωγής.
- 3) Στοχαστικά συστήματα.

ΒΙΒΛΙΑ-ΔΙΑΤΡΙΒΕΣ

1. Joze Balic, Kimon P. Valavanis, Nikos Tsourveloudis and Stratos Ioannidis, *Intelligent Manufacturing Systems: Programming and Control*, Maribor, Slovenia, Chania, Greece, University of Maribor, Technical University of Crete, 2003.
2. Ευστράτιος Ιωαννίδης, **Συνεργαζόμενες Πολιτικές Ελέγχου Αποθεμάτων και Αποδοχής Παραγγελιών σε Συστήματα Παραγωγής**, διδακτορική διατριβή, Τμήμα ΜΠΔ, Πολυτεχνείο Κρήτης, 2004.

ΑΡΘΡΑ

Περιοδικά και κεφάλαια συλλογικών εκδόσεων

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- A2.** N.C. Tsourveloudis, E. Dretoulakis, S. Ioannidis, "Fuzzy work-in-process inventory control of unreliable manufacturing systems", *Information Sciences*, 127, 69-83, 2000.
- A3.** S. Ioannidis, N. Tsourveloudis, K. Valavanis, "Fuzzy supervisory control of manufacturing systems", *IEEE Transactions on Robotics and Automation*, 20, 379-389, 2004.
- A4.** S. Ioannidis, V. S. Kouikoglou, and Y. A. Phillis, "Coordinating quality, production and sales in manufacturing systems", *International Journal of Production Research*, 42, 3947-3956, 2004.
- A5.** S. Ioannidis, and N. Tsourveloudis, "Fuzzy techniques in scheduling of manufacturing systems", *Fuzzy Applications in Industrial Engineering*, C. Kahraman (Editor), Springer - Verlag, 427-452, 2006.
- A6.** N. Tsourveloudis, S. Ioannidis, and K. Valavanis, " Fuzzy surplus based distributed control of manufacturing systems", *Advances in Production Engineering and Management*, 1, 5-12, 2006.
- A7.** N. Tsourveloudis, L. Doitsidis, and S. Ioannidis, "Work-in-process scheduling by evolutionary tuned fuzzy controllers", *International Journal of Advanced Manufacturing Technology*, 34, 748-761, 2007.
- A8.** S. Ioannidis, V.S. Kouikoglou, and Y. A. Phillis, "Analysis of admission and inventory control policies for production networks", *IEEE Transactions on Automation Science and Engineering*, 5, 275-288, 2008.
- A9.** S. Ioannidis, and V.S. Kouikoglou, "Revenue management in single-stage CONWIP production systems", *International Journal of Production Research*, 46, 6513-6532, 2008.
- A10.** S. Ioannidis, "An inventory and order admission control policy for production systems with two customer classes", *International Journal of Production Economics*, 131, 663-673, 2011.
- A11.** S. Ioannidis, O. Jouini, A.A. Economopoulos, and V.S. Kouikoglou, "Control policies for single-stage production systems with perishable inventory and customer impatience", *Annals of Operations Research*, 209, 115-138, 2013.

- A12.** S. Ioannidis, "Joint Production and Quality Control in Production Systems with Two Customer Classes and Lost Sales", *IIE Transactions*, 45, 605-616, 2013.
- A13.** A.S. Xanthopoulos, D.E. Koulouriotis, A. Gasteratos, S. Ioannidis, "Efficient priority rules for dynamic sequencing with sequence-dependent setups", *International Journal of Industrial Engineering Computations*, 7, 367-384, 2016.
- A14.** D. Konstantas, S. Ioannidis, E. Grigoroudis, and V.S. Kouikoglou, "The Effects of Quality on Market Share and Profitability in Single Stage Make-to-Stock Production Systems", *Operational Research in Business and Economics, Springer Proceedings in Business and Economics*, E. Grigoroudis, M. Doumpos (Eds), Springer International Publishing, Switzerland, 235-245, 2017.
- A15.** D. Konstantas, E. Grigoroudis, V.S. Kouikoglou, and S. Ioannidis, "Linking product quality and customer behavior for performance analysis and optimization of make-to-order manufacturing systems", working paper, 2017.

Συνέδρια

- B1.** S. Ioannidis, N. Tsourveloudis, K. Valavanis, "Supervisory Control of Multiple-Part-Type Production Networks", *Proceedings of the 10th IEEE Mediterranean Conference on Control and Automation*, Lisbon Portugal, July 2002.
- B2.** S. Ioannidis, and V.S. Kouikoglou, "Coordinated admission and inventory controls in a make-to-stock production system", *Proceedings of the 11th IEEE Mediterranean Conference on Control and Automation*, Rhodes Greece, June 2003.
- B3.** S. Ioannidis, V.S. Kouikoglou and Y. A. Phillis, "Coordinating quality, production, and sales in manufacturing systems", *Proceedings of the 3rd International Conference in Management of Technological Change*, Chania Greece, August 2003.
- B4.** S. Ioannidis, V.S. Kouikoglou and Y. A. Phillis, "Analysis of admission and inventory control policies for make-to-stock production networks", *Proceedings of the World Automation Congress 2004*, Seville Spain, June 2004.
- B5.** V. S. Kouikoglou, S. Ioannidis, G. Saharidis, "Review of some queueing models for managing inventories, backorders and quality jointly in stochastic manufacturing systems", *Proceedings of the 5th International Conference on Analysis of Manufacturing Systems – Production Management*, Zakynthos Island, Greece, May 2005.
- B6.** N. C. Tsourveloudis, L. Doitsidis, S. Ioannidis, "Optimized fuzzy scheduling of manufacturing systems", *Proceedings of the 2nd International Conference on Informatics, in Control, Automation and Robotics (ICINCO 2005)*, Barcelona, Spain, September 2005.
- B7.** N. C. Tsourveloudis, L. Doitsidis, S. Ioannidis, "Work In Process Scheduling by Evolutionary Tuned distributed Fuzzy Controllers", *Proceedings of the International Conference on Robotics and Automation 2006 (ICRA 2006)*, Orlando, Florida, USA, May 2006.
- B8.** A. Xanthopoulos, D. Koulouriotis and S. Ioannidis, "Comparative evaluation of pull type production control policies", **18^o Εθνικό Συνέδριο ΕΕΕΕ**, Κοζάνη, 2006.

- B9** S. Ioannidis, and V. S. Kouikoglou, "Optimal production and order admission control in single-stage stochastic production systems with setup times ", Proceedings of the 6th International Conference on Analysis of Manufacturing Systems, Lunteren, Netherlands, May 2007.
- B10. S. Ioannidis, "Coordinated inventory and order admission control in a production system with two customer classes", Proceedings of the 7th International Conference on Stochastic Models of Manufacturing and Service Operations, Ostuni, Italy, June 2009.
- B11.** S. Ioannidis, O. Jouini, A.A. Economopoulos, and V.S. Kouikoglou, "An (S – 1, S) Inventory system with general product lifetimes and customer impatience", 3rd Meeting of the EURO Working Group on Stochastic Modelling (StochMod10), Nafplio, Greece, June 2010.
- B12.** S. Ioannidis, V.S. Kouikoglou and Y. A. Phillis, "Recent results in coordinated inventory, admission, and quality control of single part type manufacturing systems", Proceedings of the World Automation Congress 2010, Kobe Japan, September 2010.
- B13. S. Ioannidis, and V. S. Kouikoglou, "Coordinating Production and Quality in Manufacturing Systems with Two Customer Classes ", Proceedings of the 8th International Conference on Stochastic Models of Manufacturing and Service Operations, Kusadasi, Turkey, May 2011.
- B14.** S. Ioannidis, "Joint Production and Order Admission Control in Two Stage Production Lines with Intermediate Product Demand", 4th Meeting of the EURO Working Group on Stochastic Modelling (StochMod12), Paris, France, May 2012.
- B15. S. Ioannidis, O. Jouini, and Y. Dallery, "Production and Sales Control in Systems with Flexible Capacity and Perishable Items", Proceedings of the 9th International Conference on Stochastic Models of Manufacturing and Service Operations, Kloster Seeon, Germany, May 2013.
- B16. S. Ioannidis, and I. Sarantis, "Inventories and Order Admission Control in Manufacturing Systems with Two Customer Classes and Setup Times", Proceedings of the 21st Mediterranean Conference on Control and Automation (MED 2013), Chania, Crete, Greece, June 2013.
- B17. D. Konstantas, E. Grigoroudis, V.S. Kouikoglou, and S. Ioannidis, "A Simple Model of the Effects of Quality on Market Share and Profitability in Single Stage Manufacturing Systems ", Proceedings of the 10th International Conference on Stochastic Models of Manufacturing and Service Operations, Volos, Greece, June 2015.

ΑΝΑΦΟΡΕΣ ΣΕ ΔΗΜΟΣΙΕΥΣΕΙΣ

Το άρθρο Α2 αναφέρεται στις δημοσιεύσεις [1], [3], [4], [5], [6], [8], [11], [12], [14], [15], [16], [18], [21], [23], [26], [30], [32], [33], [34], [35], [36], [37], [38], [40], [43], [44], [49], [54], [55], [57], [71], [75], [77], [78], [82], [84], [88], [92] και [97].

Το άρθρο Α3 αναφέρεται στις δημοσιεύσεις [7], [8], [9], [10], [13], [14], [15], [16], [17], [19], [22], [25], [27], [28], [33], [34], [37], [40], [41], [43], [45], [53], [58], [61], [76], [78], [81], [82], [85], [90], [92], [95], [97] και [100].

Το άρθρο Α4 αναφέρεται στις δημοσιεύσεις [2], [20], [29], [52] και [69].

Το άρθρο Α5 αναφέρεται στις δημοσιεύσεις [15], [24], [33], [87] και [92].

Το άρθρο Α6 αναφέρεται στις δημοσιεύσεις [31], [42], [56], [62], [63] και [99].

Το άρθρο Α7 αναφέρεται στις δημοσιεύσεις [14], [15], [33], [34], [40], [43], [47], [50], [58], [61], [73], [82], [92], [96], [97] και [109].

Το άρθρο Α8 αναφέρεται στις δημοσιεύσεις [46], [51], [59], [67], [80], [86] και [108].

Το άρθρο Α9 αναφέρεται στις δημοσιεύσεις [39], [48], [60], [79], [80], [83], [98], [101] και [102].

Το άρθρο Β7 αναφέρεται στις δημοσιεύσεις [37], [53] και [68].

Το άρθρο Α10 αναφέρεται στις δημοσιεύσεις [72], [74], [89] και [107].

Το άρθρο Α11 αναφέρεται στις δημοσιεύσεις [70], [91], [93], [105], [106] και [110].

Το άρθρο Α12 αναφέρεται στις δημοσιεύσεις [94], [103] και [104].

Το άρθρο Β6 αναφέρεται στις δημοσιεύσεις [96] και [97].

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