

Curriculum Vitae

Apostolos N. Burnetas

Department of Mathematics
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Education

- 1993 Ph. D., Operations Research, Rutgers University, Graduate School of Management.
Dissertation Title: “*On Adaptive Estimation and Control of Markov Decision Processes*”.
- 1992 M.B.A. Rutgers University, Graduate School of Management.
- 1986-1989 Graduate Student, Department of Industrial Engineering, Technical University of Crete
- 7/1986 Diploma, Electrical Engineering, National Technical University, Athens, Greece.

Academic Positions

- 2012 – present: Professor of Stochastic Operations Research, University of Athens, Department of Mathematics, Section of Statistics and Operations Research.
- 2003-2012: Associate Professor, University of Athens, Department of Mathematics, Section of Statistics and Operations Research.
- 2000-2004: Associate Professor, Case Western Reserve University, Weatherhead School of Management, Department of Operations.
- 1994-2000: Assistant Professor, Case Western Reserve University, Weatherhead School of Management, Department of Operations.
- 1993-1994: Visiting Assistant Professor, Rutgers University, Faculty of Management.

Research Interests

Stochastic Models in Operations Research, Stochastic Optimization, Adaptive Estimation and Control under Incomplete Information, Queueing Control, Mathematical Finance, Production and Operations Management.

Teaching Interests

Operations Research, Probability and Statistics, Stochastic Processes and Optimization, Risk Management, Mathematical Finance, Queueing Theory, Supply Chain Management.

Teaching

Courses Taught

1. University of Athens, Department of Mathematics (2003-)
Undergraduate: Stochastic Processes, Introduction to Operations Research, Mathematical Models in Decision Sciences, Probability and Statistics, Regression and Analysis of Variance, Statistical Data Analysis.
Graduate: Deterministics Models in Operations Research, Stochastic Dynamic Programming, Mathematical Models in Management, Data Analysis, Simulation.
2. **MSc in Biostatistics, University of Athens and University of Ioannina (2005 - present):** Regression and Analysis of Variance, Research Methodology.
3. **MSc in Business Mathematics, University of Athens and Athens University of Economics and Business (2005-present) :** Stochastic Models in Operations Research, Production Models, Queueing Theory, Mathematical Models in Marketing.
4. **MBA International, Athens University of Economics and Business (2007):** Decision Under Uncertainty.
5. **Case Western Reserve University, Department of Operations. (1994-2003):** Probability Theory in Operations Research, Stochastic Processes and Optimization, Queueing Theory, Stochastic Processes in Operations Research, Quantitative Methods for Management, Statistics and Decision Models.
6. **Rutgers University, Graduate School of Management. (1991-1994):** Operations Management, Statistical Models, Deterministic Optimization Models, Basic Statistical Techniques.

Doctoral Seminars

1. University of Athens, Department of Mathematics, 2016-2017: Stochastic Models of Equilibrium and Control of Queueing Systems.
2. University of Athens, Department of Mathematics, 2006-2009: Stochastic Models in Queueing Theory, Service Systems with Strategic Customers: Equilibrium and Welfare Optimization.
3. Case Western Reserve University, Department of Operations, 2003: Special Topics in Stochastic Dynamic Programming.
4. Case Western Reserve University, Department of Operations, 2003: Introduction to Game Theory and Industrial Organization.
5. University of Athens, Department of Mathematics, 2000: Economic Models of Supply Chain Management: Coordination, Flexibility and the Role of Information.
6. Case Western Reserve University, Department of OR/OM, 2000: Financial Mathematics Models in Operations Research.
7. Case Western Reserve University, Department of OR/OM, 1999: Principles of Mathematical Finance.
8. Case Western Reserve University, Department of OR/OM, 1998: Mathematical Models of Production and Pricing Policies.
9. Case Western Reserve University, 1997: Stochastic Optimization under Incomplete Information.

Teaching Notes

1. A. Burnetas, "Notes in Statistical Data Analysis" 2006 (in Greek).
2. A. Burnetas, "Notes in Computational Models in Linear Programming" 2007 (in Greek).

3. O. Chryssafinou, A. Burnetas, and E. Vaggelatos, “Notes in Probability and Statistics”, 2007 (in Greek).

Doctoral Theses Supervised

1. Alexandros Passiouras, “Statistical Methods, Inverse Problems and Approximation Theory”, in progress.
2. Odysseas Kanavetas, “Optimization of Stochastic Systems and Applications”, 2014, Department of Mathematics, University of Athens.
3. Antonios Printezis, “Admission Control via Pricing in Queueing Systems”, 2005, Department of Operations Research, Case Western Reserve University.
4. William Millhiser, “Stochastic Models of Complex Systems”, 2004, Department of Operations, Case Western Reserve University (co-supervised with D. Solow).
5. Panida Petsong, “Quality Assurance and Price Competition in Supplier Retailer Agreements”, 2001, Department of Operations, Case Western Reserve University (co-supervised with H. Emmons).
6. Craig Smith, “Managing Demand Uncertainty Through Adaptive Ordering and Supply Chain Contracts”, 2000, Department of Operations, Case Western Reserve University (co-supervised with S. Gilbert).
7. Lerzan Ormeci, “Idling Rules for Multiclass Queueing Systems”, 1998, Department of Operations, Case Western Reserve University (co-supervised with H. Emmons).
8. Julius Rachmantio, “An Integer Stochastic Decomposition Method with Adaptive Sampling”, 1998, Department of Operations, Case Western Reserve University (co-supervised with K. Mathur).
9. Gia-Shie Liu, “Group Replacement Policies for Queueing Systems with Unreliable Servers”, 2004, Department of Operations, Case Western Reserve University.

Master Theses Supervised

Department of Mathematics, University of Athens, Graduate Program in Statistics and Operations Research.

2003- present: 30 MSc Theses supervised or in progress.

MSc in Biostatistics, University of Athens and University of Ioannina

2005-present: 15 MSc Theses supervised or in progress

MSc in Business Mathematics, University of Athens and Athens University of Economics and Business

2009- present: 3 Msc Theses supervised.

Research

Funded Research Projects

11/2014-10/2015: Principal Investigator, Research Program Excellence II, Project Title: “Stochastic Optimization under Incomplete Information”, European Social Fund and National Resources, 50.000 €.

- 6/2012-11/2015: Team Coordinator, Research Program Thales, Athens University of Economics and Business (Principal Investigator: Nikolaos Vettas), Project Title: “New Methods in Analysis of Business Competition: Oligopoly Strategies, Networks and Regulation”, European Social Fund and National Resources, 450.000 €.
- 4/2011-9/2013: Principal Investigator, Bilateral Cooperation between Greece and Turkey 2010-2011, Project title “Service Systems with Strategic Customers: Equilibrium Analysis and the Value of Information”, Greek Secretariat of Research and Technology, 15.000 €.
- 9/2006- 8/2010: Principal Investigator, Research Program “Kapodistrias”, University of Athens: “Adaptive Control of Queueing Systems under Incomplete Information”, 5.500 €.
- 3/2004-12/2007: Principal Investigator, Research Program EPEAEK II, “Pythagoras” : “Performance Evaluation and Dynamic Control of Certain Queueing Models”, 50.000 €.
- Summer 2000: Weatherhead School of Management, Research Committee: “The Role of Warranty Programs in Supply Chain Management”.
- Summer 1999: Weatherhead School of Management, Research Committee: “Increasing Retailer Flexibility in Supply Chains”.
- 8/1997-7/2000: Researcher, NSF Grant DMS 9703812, "Research on Adaptive Estimation and Control of Dynamical Systems".
- 2/1999-6/1999: Federal Reserve Bank of Minneapolis: “Optimal Configuration of the Federal Reserve Check Processing Facilities”.
- 2/1998-6/1998: Federal Reserve Bank of Cleveland: “Economies of Scale in the Federal Reserve Check Processing”.
- 7/1997-12/1997: Federal Reserve Bank of Cleveland: “Economies of Scale in the Federal Reserve Cash Processing Infrastructure”.
- 7/1996-12/1996: Federal Reserve Bank of Cleveland: “Assessing the Reliability Costs of the Federal Reserve Automation Services”.
- Summer 1996: Weatherhead School of Management, Research Committee: “Combined design and control problems for multi-class queueing systems”.

Publications in Refereed Journals

- [1] Burnetas, A. N., Katehakis, M. N. (1993). “On Sequencing Two Types of Tasks on a Single Processor under Incomplete Information”, *Probability in the Engineering and Inform. Sciences*, 7, pp. 85-119.

- [2] Burnetas, A. N., Katehakis, M. N. (1996). "Computing Optimal Policies for Markovian Decision Processes Using Simulation", *Probability in the Engineering and Inform. Sciences*, 10, pp. 525--537.
- [3] Burnetas, A. N., Katehakis, M. N. (1996). "On Large Deviations Properties for Sequential Allocation Problems", *Stochastic Analysis and Applications*, 14 (1), pp. 23-32.
- [4] Burnetas, A. N., Katehakis, M. N. (1996). "Optimal Adaptive Policies for Sequential Allocation Problems", *Advances in Applied Mathematics*, 17 (2), pp. 122-142.
- [5] Burnetas, A. N., Katehakis, M. N. (1997). "Optimal Adaptive Policies for Markov Decision Processes", *Mathematics of Operations Research*, 22 (1), pp. 222-255.
- [6] Burnetas, A. N., Katehakis, M. N. (1997). "On Confidence Intervals from Simulation of Finite Markov Chains", *Mathematical Methods of Operations Research*, 47 (3), pp. 241-250.
- [7] Burnetas, A. N., Solow, D., and Agarwal, R. (1997). "An Analysis and Implementation of an Efficient In-place Bucketsort", *Acta Informatica*, 34, pp. 687-700.
- [8] Burnetas, A. N., Ritchken, P. (1997). "On Rational Jump Diffusion Models: An Approach Using Potentials", *Review of Derivatives Research*, 1, pp. 325 – 349.
- [9] Burnetas, A. N., Katehakis, M. N., (1998) "Dynamic Allocation Policies for the Finite-Horizon One-Armed-Bandit Problem", *Stochastic Analysis and Applications*, 16, 5, pp. 845 – 859.
- [10] Solow, D., Burnetas, A.N., Roeder, T. and Greenspan, N., (1999) "Evolutionary Consequences of Selected Locus-specific Variations in Epistasis and Fitness Contributions in Kaufman's NK model", *Journal of Theoretical Biology*, 196, pp. 181 – 196.
- [11] Solow, D., Burnetas, A.N., Tsai, M. and Greenspan, N., (1999) "Understanding and Attenuating the Complexity Catastrophe in Kauffman's NK model of Genome Evolution", *Complexity*, 5, pp. 53–66.
- [12] Burnetas, A. N., Smith, C. E., (2000) "Adaptive Ordering and Pricing Policies for Perishable Products", *Operations Research*, 48, pp. 436 – 443.
- [13] Solow, D., Burnetas, A.N., Tsai, M. and Greenspan, N., (2000) "On the Expected Performance of Systems with Complex Interactions Among Components", *Complex Systems*, 12, pp.423-456.
- [14] Bauer, P., Burnetas, A.N., Cvsa, V, Reynolds, G. (2001) "Optimal Employment of Scale Economies in the Federal Reserve's Currency Infrastructure", *Cleveland Economic Review*, Vol. 36, pp.13-27.
- [15] Ormeci, L., Burnetas, A. N., Emmons, H., "Dynamic Policies of Admission to a Multiclass Service System based on Customer Offers" (2002), *IIE Transactions*, 34, pp. 813 – 822.
- [16] Ormeci, L., Burnetas, A. N., van der Wal, J. (2001) "Admission Control for a Two-Class Loss System", *Stochastic Models*, 17, pp. 513 – 539.

- [17] Burnetas, A.N., Gilbert, S., (2001) "Future Capacity Procurements under Unknown Demand and Increasing Costs", *Management Science*, 47, pp. 979 - 992.
- [18] Burnetas, A. N. Katehakis, M.N., (2003) "Asymptotic Bayes Analysis for the Finite Horizon One-Armed Bandit Problem", *Probability in the Engineering and Informational Sciences*, 17, n.1, pp. 53-82.
- [19] Ballou, R., Burnetas, A.N. (2003) "Planning Multiple Location Inventories", *Journal of Business Logistics*, 24, pp. 65-89.
- [20] Ormeci, L., Burnetas, A. N. (2004). "Admission Control with Batch Arrivals", *Operations Research Letters*, 32, pp. 448-454.
- [21] Solow, D., Piderit, S., Burnetas, A.N, Leenawong, C. (2005) "Mathematical Models for Studying the Value of Motivational Leadership in Teams", *Computational and Mathematical Organization Theory*, 11, pp. 5-36.
- [22] Burnetas, A.N., Ritchken, P. (2005). "Option pricing with downward-sloping demand curves: The case of supply chain options", *Management Science*, 51, pp. 566-580.
- [23] Ormeci, L., Burnetas, A. N. (2005). "Dynamic admission control for loss systems with batch arrivals", *Advances in Applied Probability*, 37, pp. 915-937.
- [24] Burnetas, A.N., Gilbert, S.M., Smith. C.E. (2007). "Quantity discounts in single-period supply contracts with asymmetric demand information", *IIE Transactions*, 39, pp. 465-479.
- [25] Babich, V., Burnetas, A.N, Ritchken, P. (2007) "Competition and Diversification Effects in Supply Chains with Supplier Default Risk", *Manufacturing and Service Operations Management* 9 (2), pp. 123-146.
- [26] Burnetas, A., Economou, A. (2007) "Equilibrium customer strategies in a single server Markovian queue with setup times", *Queueing Systems* 56 (3-4), pp. 213-228.
- [27] Printezis, A., Burnetas, A. (2008) "Priority option pricing in an M/M/m queue", *Operations Research Letters* 36 (6), pp. 700-704.
- [28] Printezis, A., Burnetas, A., Mohan, G. (2009) "Pricing and capacity allocation under asymmetric information using Paris Metro Pricing", *International Journal of Operational Research*. 5 (3), pp. 265-279.
- [29] Theodorou, D., Meligotsidou, L., Karavoltsos, S., Burnetas, A., Dassenakis, M., Scoullas, M. "Comparison of ISO-GUM and Monte Carlo methods for the evaluation of measurement uncertainty: Application to direct cadmium measurement in water by GFAAS (2011) *Talanta*, 83 , (5), pp. 1568-1574. DOI: 10.1016/j.talanta.2010.11.059.
- [30] Burnetas, A.N. (2011) "Customer equilibrium and optimal strategies in Markovian queues in series", *Annals of Operations Research*, DOI 10.1007/s10479-011-1010-4.
- [31] Printezis, A. Burnetas, A. (2011) "The effect of discounts on optimal pricing under limited capacity" *International Journal of Operational Research*, 10 (2), pp. 160-179.

- [32] Millhiser, W.P. Burnetas, A.N. (2013) “Optimal admission control in series production systems with blocking”, *IIE Transactions*, DOI 10.1080/0740817X.2012.706732.
- [33] Zissis, D., Burnetas, A.N., Ioannou, G. (2015) “Supply Chain Coordination under Asymmetric Information on Inventory Costs”, *Omega*, in press.
- [34] Dimitrakopoylos, Y., Burnetas, A.N. (2016). “Customer Equilibrium and Optimal Strategies in an M/M/1 Queue, with Dynamic Service Control”, *European Journal of Operational Research*, in press, doi 10.1016/j.ejor.2015.12.029.
- [35] Burnetas, A. N., Kanavetas, O., Katehakis, M.N. (2016). “Asymptotically optimal multi-armed bandit policies under a cost constraint”, *Probability in the Engineering and Informational Sciences*, in press, DOI 10.1017/S026996481600036X
- [36] Dimitrakopoulos, Y., Burnetas, A. N. (2017). “The value of service rate flexibility in an m/m/1 queue with admission control”, *IIE Transactions*, in press, DOI 10.1080/24725854.2016.1269976.
- [37] Burnetas, A. N., Economou, A., Vassiliadis, G. (2017). “Strategic customer behavior in a queueing system with delayed observations”, *Queueing Systems*, in press, DOI 10.1007/s11134-017-9522-5.

Publications in Refereed Volumes

- [38] Smith, C. E., Gilbert, S. and Burnetas, A.N. (2002). “On Partial Quick Response Policies in Supply Chains”, *Supply Chain Management: Models, Applications and Research Directions*, Geunes, J., Pardalos, P. and Romeijn, H. (eds.), Kluwer, New York, Chapter 5, pp. 97-115.
- [39] Burnetas, A.N., Gilbert, S. and Smith, C. E. (2002). “Nonlinear Pricing in Supplier – Retailer Contracts under Asymmetric Information on Demand”, *Financial Engineering, e-Commerce and Supply Chains*, Pardalos, P. and Tsitsiringos, V. (eds.), Kluwer, New York, Chapter 17, pp. 295-320.
- [40] Burnetas, A. Kanavetas, O. (2012) “Adaptive Policies for Sequential Sampling under Incomplete Information and a Cost Constraint” in N. Daras and P. Pardalos (eds) *Applications of Mathematics and Informatics in Military Science*, pp. 97-112, Springer, New York.
- [41] Burnetas, A. Kokaliaris, C. (2014) “Admission Control in a Geo/Geo/1 Queue under Partial State Observations” in N. Daras (ed.) *Applications of Mathematics and Informatics to Science and Engineering*, Springer, New York.

Publications in Conference Proceedings

- [1] Solow, D., Burnetas, A.N., Tsai, M. and Greenspan, N., (1999) “Evolution Based Optimization Models of Complex Interacting Systems”, *Proceedings of the Conference of Artificial Intelligence, Workshop in Machine Learning*, Chania, Greece.

- [2] Burnetas, A. N., Katehakis, M. N. (1995). “Efficient Estimation and Control of Markov Chains”, *Proceedings of the 34th IEEE Conference on Decision and Control*, New Orleans, pp. 1402--1407.

Submitted for Publication

- [1] Burnetas, A.N., and Kanavetas, O. “Inventory Policies for Two Products under Poisson Demand: Interaction between Demand Substitution, Limited Storage Capacity and Replenishment Time”.

Talks and Conference Presentations

- [1] StochMod16: 6th Meeting of the EURO Working Group on Stochastic Modeling, Leuven-la-Neuve, Belgium (7/ 2016) “Strategic customer behavior in a queueing system with delayed observations”.
- [2] Rutgers 4th Applied Probability Conference, Rutgers University, Piscataway NJ (10/2015), “Customer Equilibrium Policies in Queues with Delayed Observations”.
- [3] Rutgers 3rd Applied Probability Conference, Rutgers University, Piscataway NJ (6/2014), “Adaptive Sampling from Multiple Populations under Incomplete Information and Time Dependence”.
- [4] EURO/INFORMS International Conference, Rome (7/2013), “Customer Equilibrium Policies in Service Systems with Repeated Services”.
- [5] StochMod12: 4th Meeting of the EURO Working Group on Stochastic Modeling, Paris (6/ 2012) “Customer Equilibrium Policies in Exercising Multiple Options for Service”.
- [6] Conference of Markov and Semi Markov Processes and Related Fields, Chalkidiki (9/2011) “Customer Equilibrium Policies in Tandem Queues”.
- [7] INFORMS Applied Probability Conference, Stockholm (7/2011) “Equilibrium and Optimal Policies in Tandem Queues”.
- [8] M3ST:International Conference on Modern Mathematical Applications in Science and Technology, Poros, (9/2009). “Customer Equilibrium Strategies in Queues with Batch Arrivals”.
- [9] INFORMS Applied Probability Conference, Cornell University, Ithaca, USA, (7/2009). “Customer Equilibrium Strategies in Queues with Batch Arrivals”.
- [10] 2nd Meeting of EURO Stochastic Models Group, Κωνσταντινούπολη, (6/2008). “Dynamic Games for Exercising Options in an M/M/1 Queue”.
- [11] INFORMS Applied Probability Meeting, Eindhoven, The Netherlands, (Ιούλιος 2007) /“Adaptive Optimization Under Constraints”.
- [12] International Conference on Modern Mathematical Applications in Science and Technology, Paros, (9/2006). “Dynamic Admission in Tandem Queues with Blocking”.

- [13] Koc University, Department of Industrial Engineering, Istanbul, Turkey (10/2007) “Pricing Models in Queues”.
- [14] 2nd Madrid Conference on Queueing Theory, Μαδρίτη (7/2006). “Dynamic Admission in Tandem Queues with Blocking”.
- [15] Euro INFORMS International Conference, Κωνσταντινούπολη (7/2003) “Impact of Correlation in Supply Chain Management with Default Risk”.
- [16] INFORMS National Meeting, San Jose (11/2001) “Supply Contracts with Default Risk”.
- [17] 6th World Conference on Real Options, Πάφος (7/2002) “Options with Downward Sloping Demand Curves”.
- [18] University of Texas at Austin, Department of Management (11/2001) “*On Retailer Options in Supply Chains*”.
- [19] Georgia Institute of Technology, School of Industrial and Systems Engineering (11/2001), “*On Admission Control of Multi-class Service Systems*”.
- [20] Pennsylvania State University, Department of Management Science and Information Systems (11/2001), “*On Retailer Options in Supply Chains*”.
- [21] INFORMS National Meeting, Miami (11/2001) “*Managing Multiple Location Inventories*”.
- [22] INFORMS National Meeting, Miami (11/2001) “*Admission Control of Call Centers with Batch Arrivals*”.
- [23] INFORMS National Meeting, Miami (11/2001) “*Group Replacement Policies of Queueing Systems with Unreliable Servers*”.
- [24] International Conference on Finance, e-Commerce and Supply Chain, Αθήνα (6/2001) “Nonlinear Pricing in Supply Contracts with Asymmetric Information”.
- [25] Case Western Reserve University, Department of Operations (2/2001). “*Managing Virtual Inventories*”.
- [26] Technical University of Crete, Department of Electronic Engineering (1/2001): “*Admission Control in Multiclass Queues*”.
- [27] INFORMS National Meeting, San Antonio (11/2000): “*Option Contracts in Supply Chains*”.
- [28] INFORMS National Meeting, San Antonio (11/2000): “*Nonlinear Pricing Contracts in Supply Chains under Asymmetric Information on Retailer Demand*”.
- [29] INFORMS National Meeting, San Antonio (11/ 2000): “*Optimal Admission Control of Call Centers with Multiple Call Types*”.
- [30] Case Western Reserve University, Department of Operations (4/2000). “*Adaptive Ordering Using Randomization*”.

- [31] Case Western Reserve University, Department of Statistics (4/2000). “*Quality Assurance and Price Competition in Supply Chain Management*”.
- [32] INFORMS National Meeting, Philadelphia (11/1999): “*Supplier Selection and Procurement Policies under Partial Information on Demand and Quality Characteristics*”.
- [33] Πανεπιστήμιο Αθηνών, Τμήμα Μαθηματικών (7/1999): “*Βέλτιστος Έλεγχος και Στοχαστική Προσέγγιση*”.
- [34] Conference in Artificial Intelligence-ACAI99, Χασιά (7/1999): “*Evolution Based Optimization Models of Complex Interacting Systems*”.
- [35] INFORMS Applied Probability Meeting, Ulm, Germany (7/1999): “*Adaptive Queueing Control Models*”.
- [36] INFORMS National Meeting, Cincinnati (5/1999): “*Adaptive Policies for Markov Decision Processes using Randomization*”.
- [37] INFORMS National Meeting, Seattle, 10/1998. “*Efficient Adaptive Policies for Sequential Allocation Problems with Side Constraints*”.
- [38] INFORMS National Meeting, Dallas, 10/1997. “*Group Replacement Policies for Queues under Incomplete Information*”.
- [39] INFORMS National Meeting, Atlanta, 11/1996. “*A Stochastic Approximation Algorithm with Multiplicative Updates*”.
- [40] INFORMS National Meeting, Washington D.C., 5/1996. “*Adaptive Control of Queueing Systems under Incomplete Information*”.
- [41] INFORMS Applied Probability Conference, Atlanta, 6/1995. “*Optimal Adaptive Policies for Markovian Decision Processes*”.
- [42] ORSA/TIMS meeting, Detroit, 10/1994. “*Adaptive Policies for Constrained Markovian Decision Processes*”.
- [43] ORSA/TIMS meeting, Phoenix, 11/1993. “*Further Results on Asymptotically Efficient Adaptive Allocation Rules*”.
- [44] TIMS/ORSA meeting, Chicago, 5/1993. “*On Estimation of Expected First Passage Times, Rewards and Average Rewards for Finite State Markov Chains*”.
- [45] ORSA/TIMS meeting, San Francisco, 11/1992. “*Asymptotically Efficient Adaptive Policies for Markovian Decision Processes*”.
- [46] ORSA/TIMS meeting, Anaheim, 11/1991. “*Computing Optimal Policies for Markovian Decision Processes with Simulation*”.
- [47] TIMS/ORSA meeting, Nashville, 5/1991. “*On Optimal Sequential Allocation Policies for the Finite Horizon One--Armed Bandit Problem*”.

Citations

Scopus : 590 citations, Scopus h-index: 12

Google Scholar: 1530 citations, Google Scholar h-index : 19.

Professional Service

Conference Organization

1. 33rd Conference of the Hellenic Mathematical Society, November 2016, Chania, Crete: Chair of Scientific Committee.
2. 18th INFORMS Applied Probability Society Conference, July 2015, Koç University in Istanbul: Program Committee Co-Chair.
3. Stochmod10: 3rd Meeting of the EURO Working Group on Stochastic Modeling, Nafplio, June 2010: Chair of Organizing Committee.
4. 7WRQ: Workshop on Retrial Queues, Athens, July 2008: Vice Chair of Organizing Committee.
5. ISCB2007: Annual Meeting of the International Society for Clinical Biostatistics, Alexandroupolis, August 2007: Member of Organizing Committee.

Refereeing

Mathematics of Operations Research, Operations Research, Management Science, Annals of Operations Research, Communications in Statistics C: Stochastic Models, Naval Research Logistics, IIE Transactions, European Journal of Operations Research, IEEE Transactions on Automatic Control, Manufacturing and Service Operations Management, Applied Mathematical Modeling, Computers and Operations Research, TOP, International Journal of Forecasting, American Statistician, Mathematical Programming, OR Spectrum, Queueing Systems, Asian Pacific Journal of Operations Research.

Memberships and Awards

1. International Journal of Statistics and Management Systems: Editorial Board Member, 2011-present.
2. European Union of Operational Research Societies (EURO), Working Group on Stochastic Modeling: Board Member, 2010-present.
3. Council of Logistics Management: Bernard J. La Londe Best Paper Award in Journal of Business Logistics, 2004 (jointly with Ronald H. Ballou).
4. Best Junior Faculty Publication Award, Weatherhead School of Management, Case Western Reserve University, 2002.

Member: Hellenic Statistical Institute, Omega Rho International Society for Excellence in Operations Research.

Administrative Positions

University of Athens, Department of Mathematics

Chairman, Department of Mathematics, September 2017 – present.

Director, Section of Statistics and Operations Research, 2005-2007, 2010-2011.

Director, Graduate Program “Biostatistics” 2011-present.

Vice Director, Graduate Program “Biostatistics” 2008-2011.

Graduate Admissions Coordinator, 2007, 2010-2012.

Member: Assembly of Department of Department of Mathematics, Graduate Program Committee, Computers and Information Technology Committee, Committee for Quality Control of Department Services.

Omega Rho International Honor Society for Operations Research: Central USA Director (1997-2004).

Weatherhead School of Management, CWRU : Council Member, 1997-2002.

Department of Operations, CWRU (1994-2003) :

INFORMS Chapter Student Advisor, Program Restructuring Committee, Library Liaison, Seminar Committee, Website Coordinator.

May 2017