

Myron Benioudakis

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Research Interests

Production and Operations Management, Stochastic models in Operations Research, Queueing Control, Game Theory, Markov Decision Processes, customer risk preferences, production planning and pricing, applications in Supply Chain Management.

Education

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| 2020 | PhD in Production and Operations Management.
Department of Management Science and Technology, Athens University of Economics and Business. |
| 2014 | MSc in Statistics and Operational Research.
Department of Mathematics, National and Kapodistrian University of Athens. |
| 2010 | BSc in Mathematics.
Department of Mathematics, National and Kapodistrian University of Athens.
Direction: Applied mathematics.
Specialization: Statistics and Operational Research. |

Research/Working Experience

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| 2021–Present | Post-doctoral fellow in Production Management Laboratory, Department of Mechanical Engineering, University of Thessaly. |
| 2021–Present | Adjunct Faculty in Department of Management Science and Technology, Athens University of Economics and Business. |
| 2020–2021 | Adjunct Faculty in Department of Digital Industry Technologies, National and Kapodistrian University of Athens. |
| 2015–2020 | Researcher in MSL-OPER and Teaching assistant, Department of Management Science and Technology, Athens University of Economics and Business. |
| 2013–2014 | Administrative clerk in Department of Accounting Region of Attica. |

Thesis and Dissertations

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| 2020 | Benioudakis, M., “Pricing Policies in Make-To-Order Systems with Delay-Averse Strategic Customers”. Doctoral Dissertation, Department of Management Science and Technology, Athens University of Economics and Business. |
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- 2014 | Benioudakis, M., “Customer Equilibrium Policies in Queues with Delay Compensation and Risk Aversion”. Master’s Thesis, Department of Mathematics, National and Kapodistrian University of Athens.

Publications in Refereed Journals

- 2022 | Benioudakis, M., Burnetas, A. and Ioannou, G., “Single vs Dynamic Lead-Time Quotations in Make-To-Order Systems with Delay-Averse Customers”. *Annals of Operations Research*, in press, Doi: 10.1007/s10479-022-04802-4.
- 2021 | Benioudakis, M., Burnetas, A. and Ioannou, G., “Lead-Time Quotations in Unobservable Make-To-Order Systems with Strategic Customers: Risk Aversion, Load Control and Profit Maximization”. *European Journal of Operational Research*, 289(1): 165-176.

Publications in Greek Referred Journals and Conference Proceedings

- 2021 | Benioudakis, M., “Flexible Pricing Strategies in Production Systems and Customer’s Risk Aversion”. *Astrolavos*, 35: 71-82.
- 2021 | Benioudakis, M., “Queueing games for production systems. The effect of customers’ risk aversion.”. *37 National Conference of the Hellenic Mathematical Society*.

Work in Progress

“Service provision on an aggregator platform with time-sensitive customers: Pricing strategies and coordination”, with Zissis, D, Burnetas, A. and Ioannou, G. Under review. Available at SSRN: <https://ssrn.com/abstract=4112027>.

“Dynamic Supplier Competition and Cooperation for Buyer Loyalty on Service”, with Deligiannis, M. and Liberopoulos, G. Under review. Available at SSRN: <https://ssrn.com/abstract=4112028>

“Buying Second-Hand vs. New: What’s Better?”, with Deligiannis, M., Burnetas A. and Liberopoulos, G. Expected submission 2/23 to *Production and Operations Management*.

Teaching Activities

- 2021–Present | **Adjunct Faculty, Department of Management Science and Technology, Athens University of Economics and Business.**
- Courses | Production and Operations Management, Topics in Operations Research and Decision Systems.
Undergraduate and ERASMUS program, Greek and English language.
- 2020–2021 | **Adjunct Faculty, Department of Digital Industry Technologies, National and Kapodistrian University of Athens.**
- Courses | Mathematics, Discrete Mathematics.
Undergraduate, Greek language.

2015–2019	Teaching assistant, Department of Management Science and Technology, Athens University of Economics and Business.
Courses	Production and Operations Management, Enterprise Resource Planning Systems. Undergraduate and ERASMUS program, Greek and English language.
2015–2019	Teaching assistant, Athens University of Economics and Business.
Programs	MBA International Program, MSc in International Shipping Finance and Management, Executive MBA, MSc in Business Analytics
Courses	Operations Management, Production and Operations Management, Enterprise Information Systems.
Seminars	Beer Game. Graduate, English language.

Fellowships and Awards

2021–Present	Postdoctoral Fellowship, University of Thessaly.
2015–2018	MBA International PhD Fellowship, Athens University of Economics and Business.

Member Of Professional Associations and Organizations

2017	Member of Hellenic Mathematical Society (HMS).
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Conference Presentations

2022	Liberopoulos, G., Deligiannis, M and Benioudakis, M., <i>Two Dynamic Supplier Decision Problems when Buyer Visits Depend on Previous Service</i> . 13th International Conference on Stochastic Models of Manufacturing and Service Operations (SMMSO), Grenoble, France, June 26-July 1.
2022	Benioudakis, M., Deligiannis, M and Liberopoulos, G., <i>Dynamic Competition for Buyer Loyalty on Product Availability</i> . 32th European Conference on Operational Research, Espoo, Finland, 2-6 July.
2021	Benioudakis, M., Zisis, D, Burnetas A., and Ioannou, D., <i>Coordinating decisions of delay-sensitive customers via service provision aggregators</i> . 8th International Conference on Energy, Sustainability and Climate Crisis, Online Streaming, 30-3 September.
2021	Benioudakis, M., Zisis, D, Burnetas A., and Ioannou, D., <i>Aggregating service provision for delay-sensitive customers towards supply chain coordination</i> . 31th European Conference on Operational Research, Athens, Greece, 11-14 July.
2020	Benioudakis, M., Burnetas, A., Ioannou, G., and Zisis, D., <i>Coordination through delay compensation in a two-node make-to-order system with strategic customers</i> . International Conference on Innovative Intelligent Industrial Production and Logistics, Online Streaming, 2-4 November
2019	Benioudakis, M., Ioannou, G. and Burnetas, A., <i>Lead time quotations in unobservable make-to-order systems with strategic customers: risk aversion, load control and profit maximization</i> . 30th European Conference on Operational Research, Dublin, Ireland, 23-26 July.

- 2019 Benioudakis, M., Ioannou, G. and Burnetas, A., *Load control policies for make-to-order systems under customers risk aversion*. 16th Annual Management Science and Technology student conference, EEDE, Athens, Greece, 14 May.
- 2018 Benioudakis, M., Ioannou, G. and Burnetas, A., *Due date quotations in an observable make-to-order system with strategic customers and the effects of customer risk aversion*. 29th European Conference on Operational Research, Valencia, Spain, 8-11 July.
- 2018 Benioudakis, M., Ioannou, G. and Burnetas, A., *Combined game and queuing theory approaches for supply chain management decisions*. 15th Annual Management Science and Technology student conference, EEDE, Athens, 3 May.
- 2017 Benioudakis, M., Ioannou, G. and Burnetas, A., *Strategic equilibrium and optimal due date quotation in production and service systems with risk averse customers*. 4th international Conference on Operational Planning, Technological Innovations and Mathematical Applications (OPTIMA), Hellenic Military Academy, Athens, 25-26 May.
- 2015 Benioudakis, M. and Burnetas, A., *Customer equilibrium policies in queues with delay compensation and risk aversion*. 28th PanHellenic Statistical Conference, Greek Statistical Institute Spatial Statistics and Statistical Applications in Genetics and Informatics, Harokopio University, Athens, Greece, 15-18 April.
- 2014 Benioudakis, M. and Burnetas, A., *Customer equilibrium policies in queues with delay compensation and risk aversion*. 3rd International Symposium and 25th National Conference on Operational Research, Volos, Greece, 26-27 June.

Conference Organization

- 2019 16th Annual Management Science and Technology student conference.
- 2018 15th Annual Management Science and Technology student conference.
- 2018 35th National Conference of Hellenic Mathematical Society.

Projects/Funding

- 2021-Present **Productive4.0: Electronics and ICT as enabler for digital industry and optimized supply chain management covering the entire product lifecycle.**
Funded by General Secretariat for Research and Innovation.
- 2020-2021 **Mechanism design in supply chains under asymmetric information and delay sensitive strategic customers.**
Funded by Partnership Agreement for the Development Framework (PA) 2014-2020.
- 2019-2020 **Development of case studies for the course “Entrepreneurship and Sustainable Energy”, MSc in Business Administration-MBA International.**
Funded by RC-AUEB.
- 2019-2020 **Providing tutorial training and laboratory exercises using programming, MSc in Business Administration-MBA International.**
Funded by RC-AUEB.
- 2016–2018 **Research regarding the new dimensions of production management in modern business chessboard.**
Funded by RC-AUEB.

Computer Skills

Software Packages	MATLAB, MAPLE, Python.
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Languages

Greek	Mother tongue.
English	Fluent (MSU-CELP, 2015), (Michigan-ECPE, 2015).
Spanish	Basic.

Military Service

2010-2011	Hellenic army.
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References

Professor **George Ioannou**, Department of Management Science and Technology, Athens University of Economics and Business, Evelpidon 47A, Athens 11362, Greece. E-mail: ioannou@aueb.gr. Phone: +30210-8203652.

Professor **Apostolos Burnetas**, Department of Mathematics, National and Kapodistrian University of Athens, Panepistemiopolis, Athens 15784, Greece. E-mail: aburnetas@math.uoa.gr. Phone: +30210-7276437.