

CURRICULUM VITAE

PANAGIOTIS P. REPOUSSIS

PERSONAL INFORMATION

Birth Date & Place November 23, 1978. Athens, Greece
Marital Status Married with two kids
Title Dipl.Eng.; M.Sc. DIC; Ph.D.

Office Address Athens University of Economics and Business
School of Business
Troias 2, 5th floor (508)
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RESEARCH & PROFESSIONAL INTERESTS

- **Operations Research & Prescriptive Analytics:** Mathematical modeling and computational intelligent algorithms for solving complex dynamic and stochastic combinatorial optimization problems with varying dimensions and time horizons.
- **Freight Transportation & Logistics:** Network design and multi-modal transportation; design of reverse supply chains; terminal management; humanitarian and healthcare logistics; fleet management; maritime logistics; and vehicle routing and scheduling.
- **Manufacturing & Service Operations:** Energy-aware production scheduling; warehouse management; shop floor scheduling; enterprize resource planning systems; vendor managed inventory systems; and material requirements planning.
- **Applied Artificial Intelligence:** Data analysis, data-driven optimization methods, supervised and unsupervised machine learning models; recommendation systems; social network analysis.

EDUCATION

PhD in Operations Research

ATHENS UNIVERSITY of ECONOMICS & BUSINESS, Greece

Department of Management Science & Technology

From 01/2004 to 11/2008

Graduated with distinction

MSc in Process Systems Engineering

IMPERIAL COLLEGE of Science, Technology and Medicine, UK

Department of Chemical Engineering & Chemical Technology

From 09/2002 to 10/2003

Graduated with distinction

Diploma in Chemical Engineering

NATIONAL TECHNICAL UNIVERSITY of ATHENS, Greece

School of Chemical Engineering

Department of Process Analysis & Plant Design

From 09/1997 to 09/2002

Graduated with merit (7.13 out of 10)

ACADEMIC APPOINTMENTS

- | | |
|------------------------|---|
| From 12/2023 | Associate Professor in Operations Research and Supply Chain Management
ATHENS UNIVERSITY of ECONOMICS & BUSINESS, Greece
School of Business
Department of Marketing & Communication |
| 06/2019 - 12/2023 | Assistant Professor in Supply Chain Management
ATHENS UNIVERSITY of ECONOMICS & BUSINESS, Greece
School of Business
Department of Marketing & Communication |
| From 08/2015 - 06/2019 | Visiting Assistant Professor in Operations Management
STEVENS INSTITUTE of TECHNOLOGY, USA
School of Business |
| 08/2014 - 06/2019 | Lecturer in Supply Chain Management
ATHENS UNIVERSITY of ECONOMICS & BUSINESS, Greece
School of Business
Department of Marketing & Communication |
| 09/2012 - 08/2015 | Assistant Professor in Operations Management
STEVENS INSTITUTE of TECHNOLOGY, USA
Howe School of Technology Management |
| 09/2009 - 02/2012 | Lecturer in Decision Sciences (adjunct)
ATHENS UNIVERSITY of ECONOMICS & BUSINESS, Greece
Department of Management Science & Technology |
| 02/2009 - 07/2012 | Lecturer in Logistics Systems & Supply Management (adjunct)
UNIVERSITY of PIRAEUS, Greece
Department of Industrial Engineering & Technology |

EXPERIENCE

- From 7/2017 **Optimization Engineer / Head of Research**
SATALIA, London, UK (a Wunderman Thompson Company)
Research and development of enterprise AI solutions
- From 2019 **Co-Founder**
SIEVESTONE Limited (Nicosia, Cyprus and Athens, Greece)
AI technologies, solutions and consulting services
- From 9/2003 **Freelance Consultant and Training**
REPOUSSIS Consulting and Advisory Services, Athens, Greece
Corporate training and elearning programs on Project Management
- From 11/2003 **Research Fellow**
ATHENS UNIVERSITY of ECONOMICS & BUSINESS, Greece
Management Science Laboratory
Involvement in various private and EU research projects
- 09/2001 - 01/2002 **Chemical Engineer (internship)**
MOTOR OIL (HELLAS), Corinth Refineries S.A., Greece
Department of Fuels Production

RESEARCH GRANTS & OTHER CONTRACTS

Principal Investigator

- 2014 - 2017 Collaborative Research: Robust Optimization of Rich Vehicle Routing Problems Under Uncertainty (Award No. CMMI-1434432)
Organization: National Science Foundation, CMMI, Service Enterprise Systems
Participants: Stevens Institute of Technology; Carnegie Mellon University
- 2016 - 2018 Robust Optimization for Stochastic Vehicle Routing Problems
“Drasi I”, Athens University of Economics & Business Research Center
- 2021 - 2022 Real-time optimization for emergency response fleet management
“Drasi I”, Athens University of Economics & Business Research Center

Research Fellow

- 2022 - 2023 Cash Flow Optimization (CAOS)
“AIPlan4EU Project”, Fondazione Bruno Kessler
Participants: Athens University of Economics & Business Research Center; Epiteges.gr
- 2019 - 2022 Energy-aware Factory Analytics for Process Industries (FACTLOG)
(EU Project No.: 869951)
“Horizon 2020 - DT-SPIRE-06-2019 Digital technologies for improved performance in cognitive production plants (IA)”
- 2016 - 2019 Decentralized architectures for optimized operations via virtualised processes and manufacturing ecosystem collaboration “DISRUPT”
(EU Project No.: 723541)
“Horizon 2020 - FOF-11 a-2016-Digital Automation RIA”
- 2012 - 2015 Energy-Aware Enterprise Systems for Low-Carbon Intelligent Operations “ARTISAN” (EU Project No.: 287933)
“FP7 Strep Project - ICT for a Low Carbon Economy Program”
- 2012 - 2015 Energy efficiency in the Supply Chain Through Collaboration, Advanced Decision Support and Automatic Sensing “e-SAVE”
(EU Project No.: 288585)
“FP7 Strep Project - ICT for a Low Carbon Economy Program”
- 2011 - 2012 Collaborative Optimization Methods for Vehicle Routing and Scheduling Problems with Product Returns
“PEVE III”, Athens University of Economics & Business Research Center
- 2010 - 2011 Combining Exact and Metaheuristic Algorithms for Multi-Period Vehicle Routing Problems with Consistent Service Constraints
“PEVE II”, Athens University of Economics & Business Research Center
- 2008 - 2009 Integrated Information System for Waste Management
Municipality of Athens; Athens University of Economics & Business
- 2008 - 2009 Planning and scheduling of public transit operations for HLPAP S.A.
HLPAP S.A.; Athens University of Economics & Business
- 2008 - 2009 Development of mathematical models and algorithms for routing and scheduling waste collection vehicles for the City of Athens
Municipality of Athens; Athens University of Economics & Business
- 2008 - 2009 Development of mathematical models and algorithms for the garbage containers network design problem for the City of Athens
Municipality of Athens; Athens University of Economics & Business

Research Assistant

- 2006 - 2008 Development of Intelligent Methods for Industrial Production Scheduling of Continuous Rows
“EPAN - COOPERATION”, Hellenic Ministry of Development
Participants: General Secretariat of Research & Technology; CYCLON Hellas S.A.; Athens University of Economics & Business Research Center
- 2006 - 2008 Integrated Web Based Systems and Applications for Optimal Operations Management of Shipping Companies
“PABET-NE”, Hellenic Ministry of Development
General Secretariat of Research & Technology; PGA Shipping S.A.;
- 2004 - 2007 Waste Management with Web based Applications and Systems
“EPAN - COOPERATION”, Hellenic Ministry of Development
General Secretariat of Research & Technology; CYCLON Hellas S.A.;

EDITORIAL & REFEREE ACTIVITIES

Editorial Board Member:

Advances in Operations Research, Hiindawi, since 2018.

Transportation Research Part E: Logistics and Transportation Review, Elsevier, since 2020

Guest Editor:

Optimization Letters special issue on “Vehicle Routing and Scheduling: Recent Trends and Advances”, with Dr. Chrysanthos E. Gounaris, October 2011.

IMA Journal of Management Mathematics special issue on “Mathematics in Sports”, with G. Ntoufras and D. Karlis, forthcoming

Ad-hoc Reviewer in ISI Journals:

- Annals of Operations Research
- Computers and Chemical Engineering
- Computers and Industrial Engineering
- Computers and Operations Research
- Computational and Applied Mathematics
- European Journal of Operational Research
- Expert Systems With Applications
- IEEE Transactions on Intelligent Systems
- IEEE Transactions on Evolutionary Computation
- Information Sciences
- International Journal of Shipping and Transport Logistics
- International Journal of Production Economics
- International Journal of System Sciences
- International Journal of Environmental Engineering Science
- Journal of Service Science and Management
- Journal of Advanced Transportation
- Journal of the Operational Research Society
- Networks and Spatial Economics
- Networks: An International Journal
- Optimization Methods and Software
- Operations Research: An International Journal
- Operations Research Letters
- Optimization Letters
- Socio-Economic Planning Sciences
- Transportation Science
- TOP - Spanish Society of Statistics and Operations Research
- Transportation Research: Part C, Part E and Part B
- Waste Management

Ad-hoc Reviewer in Scientific Magazines/Periodicals:

- IEEE Computational Intelligence Magazine
- MD Advisor

HONORS, SCHOLARSHIPS, AND AWARDS

- 2022 “*Best Teaching Award*”, for the core course Data, Models and Decisions at the International MBA program of the Athens University of Economics and Business.
- 2017, 2018 “*High Quality Research Award*”, Department of Marketing and Communication, School of Business, Athens University of Economics and Business.
- 2016 “*Top Honors in the Ten Plus Dual Supply Chain Case Challenge*”, USA Rutgers University, Undergraduate Team Advisor
<https://www.stevens.edu/business-supply-chain-10>
- 2010-2011 “*Post Doctoral Scholarship in Management Science*”, Foundation of State Scholarships (IKY), Athens University of Economics & Business, Greece.
Project Title: Computational Intelligent Methods for Real Time Vehicle Routing Problems
- 1996-1997 “*Undergraduate Scholarship for Distinguished Performance*”, Foundation of State Scholarships (IKY), Aristotelion University of Thessaloniki, Greece.
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OTHER ACADEMIC ACTIVITIES

- Member of the Scientific Committee of the 9th International Workshop on Freight Transportation and Logistics ODYSSEUS 2023.
 - Member of the Scientific Committee of the 8th International Workshop on Freight Transportation and Logistics ODYSSEUS 2021.
 - Member of the Scientific Committee of the 7th International Workshop on Freight Transportation and Logistics ODYSSEUS 2018.
 - Member of the Scientific Committee of the 6th International Workshop on Freight Transportation and Logistics ODYSSEUS 2015.
 - Session chairman and stream organizer in various conferences of the Production and Operations Management Society (POMS), the Association of European Operational Research Societies (EURO) and the Hellenic Operations Research Society (HELORS).
 - Reviewer for the evaluation of project proposals on behalf of the Romanian National Council for Scientific Research.
 - Reviewer for the 6th International Congress On Transportation Research, 2013.
 - Visiting researcher and collaborator with the Center for Process Systems Engineering, Carnegie Mellon University, USA.
 - Member of the Center for Decision Technologies, Stevens Institute of Technology, USA.
 - Ad-hoc reviewer for the Transportation Letters, the International Journal of Geo-Information, the Science Journal of Applied Mathematics and Statistics, the African Journal of Mathematics and Computer Science Research, the Annals of Management Science, the Asia Pacific Management Review, the Environmental Engineering and Management Journal, the Automation in Construction, the Journal of Service Science and Management, and the International Journal of Environment and Waste Management.
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SOFTWARE ENGINEERING SKILLS

- Java Full Stack Web Programming with Java Enterprise Edition, Maven, Hibernate and Spring
- Experience with C, C++, C# and Python for development of back-end applications
- Familiar with various SQL (MySQL) and no-SQL (Google Fierestore) database technologies
- Experienced with the Google Cloud Platform (Cloud functions, App engine, Kubernetes, and PubSub)
- Experience with most commercial and open source optimization solvers

PROFESSIONAL SOCIETY MEMBERSHIPS

- Hellenic Operations Research Society (HELORS), member 2004-2013
- Production and Operations Management Society (POMS), member since 2014
(POMS College of Service Operations)
- Institute for Operations Research & Management Sciences (INFORMS), member 2005 to 2018
(INFORMS Transportation and Logistics Society and Optimization Society)
- Institute of Electrical and Electronic Engineers (IEEE), member 2006-2015
(IEEE Computer Society)
- Association of European Operational Research Societies (EURO), member since 2004
Working Groups on Transportation, Decision Support Systems, Vehicle Routing and Logistics Optimization

PROFESSIONAL SERVICES & BOARD MEMBERSHIPS

Member of the Board at the College of Service Operations of the Production and Operations Management Society (POMS), 2016-2018.

Member of the Board of Directors of the Hellenic Operations Research Society, 2009-2013

Member of the Organizing Committee of International Conferences and Workshops:

- MathSport International 2019 Conference, 1-3 July, Athens, Greece.
- 27th International Conference on Purchasing and Supply Chain Management Education and Research Association (IPSERA 2018), Athens, Greece.
- 5th International Workshop on Freight Transportation and Logistics ODYSSEUS, 20-24 May 2012, Myconos, Greece.
- 1st and 2nd National Student Conference of the Hellenic Operations Research Society (2010 and 2012)

Member of the Administrative Board of the Faculty of Engineering, Aristotelion University, from 06/1998 to 05/1999

PROFESSIONAL CERTIFICATIONS

- Technical Chamber of Greece, Chemical Engineer, certified since 2004
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TEACHING & ADVISING

COURSES

Stevens Institute of Technology

School of Business (p.k.a. Howe School of Technology Management), Fall 2012 - present

- Graduate
 - *MGT 609 Project Management Fundamentals*
 - *BIA 674 Supply Chain Analytics*
 - *MGT 657 Operations Management*

Athens University of Economics and Business

Department of Marketing & Communication, Fall 2014 - today

- Undergraduate
 - *Managerial Decision Making* (core course)
 - *Business-to-Business Marketing* (elective course - 2014 and 2015)
 - *Marketing Analytics* (core course - since 2016)
 - *Web Analytics* (core course - since 2016)

- Graduate
 - *Channel Management and Logistics* (elective course; MBA and MSc in Marketing and Communication)
 - *International Marketing Research* (core course; MSc in International Marketing - PRIMA)
 - *Marketing and Web Analytics* (core course; MSc in Marketing and Communication)
 - *Data Models and Decision* (core course; MBA International)
 - *Quantitative Methods in Decision Making* (core course; Executive MBA)
 - *Advanced Customer Analytics* (elective course; MSc in Data Science)

Department of Management Science & Technology, Fall 2009 - Spring 2012

- Undergraduate
 - *Managerial Decision Making* (core course)
 - *Production & Operations Management* (ERASMUS elective course)

- Graduate
 - *Project Management* (elective course; MA in Heritage Management, joined program with the University of Kent, UK)

University of Piraeus

Department of Industrial Management & Technology, Spring 2009 - Spring 2012

- Undergraduate
 - *Material Management (Supply Management)* (core course)
 - *Managing Supply Networks* (elective course)

City University of London

Bayes School of Business, Spring 2022 - Spring 2023

- Graduate
 - *Machine Learning for Logistics*

CURRICULUM DEVELOPMENT

- Member of the Steering and Curriculum Committees for the International MBA program, the Executive MBA program and the Marketing Analytics MSc program, Athens University of Economics and Business, 2022 to present.
- Member of the Academic Committee for the MSc in Business Intelligent and Analytics, Stevens Institute of Technology, 2012 to present.
- Member of the Academic Committee for the MSc in Enterprize Project Management, Stevens Institute of Technology, 2012 to 2015.
- Member of the Academic Committee for the MSc in Management, Stevens Institute of Technology, 2013 to 2015.
- Member of the Academic Committee for the undergraduate major in Management, Stevens Institute of Technology, 2013 to 2015.
- Member of the Academic Committee for the MA in Heritage Management, Athens University of Economics and Business, Greece; University of Kent, UK; 2011-2012.
- Member of the project team for the “Development & Management of Educational Portals and e-Services”, Hellenic Ministry of Education & Religious Affairs and the Athens University of Economics & Business Research Center, 2005-2007.

ADVISING AND MENTORING

PhD thesis Chair

- G. Kasapidis, *Optimization Methods for Production Scheduling: Models, Algorithms and Applications in IoT driven Flexible Manufacturing Systems*. Athens University of Economics and Business, Greece. Graduation Fall 2022.
- A. Baltas, *Advanced AI methods applied for Multi-team Formation Problems*, Athens University of Economics and Business, Greece. Expected graduation Spring 2024.
- A. Vareias, *Vehicle Routing Problems under Uncertainty*, Athens University of Economics and Business, Greece. Expected graduated Fall 2024.

Member of PhD thesis Committee

- A. Metzidakis, *Optimization Methods for Location Routing Problems*. Athens University of Economics and Business, Greece, Expected graduation Fall 2021. (Chair Prof. G. Ioannou)
- L. Manousakis, *Optimization Methods for Complex Inventory Routing Problems*. Athens University of Economics and Business, Greece, Graduation Fall 2020. (Chair Prof. C.D. Tarantilis)
- A. Nikolopoulou, *Optimization Methods for Vehicle Routing and Scheduling Problems with Cross-docking*, Athens University of Economics and Business, Greece, Graduated November 2016. (Chair Prof. C.D. Tarantilis)
- D. Zisis, *Communication Games and the Revelation Principle in Supply Chain Management*, Athens University of Economics and Business, Greece, Graduated October 2015. (Chair Prof. G. Ioannou)
- T. Zhou, Revenue Management and Inventory Control under incomplete information. Rutgers University, USA, Expected graduation date June 2015. (Chair Prof. M. Katechakis)
- P. Kyriazis, *Co-opetition between transportation carriers and 3PL companies*, Athens University of Economics and Business, Greece, Graduated September 2014. (Chair Prof. G. Ioannou)
- A. Anagnostopoulou, *Optimization Methods for Complex Vehicle Routing and Scheduling Problems with Product Returns*, Athens University of Economics and Business, Greece, Graduated November 2012. (Chair Prof. C.D. Tarantilis)

- F. Stauropoulou, *Optimization Methods for Multi-Period Vehicle Routing Problems*, Athens University of Economics and Business, Greece, Graduated November 2012. (Chair Prof. C.D. Tarantilis)

MSc thesis Chair

- Plomariti Zoi, *RFM Analysis and Clustering using retail transaction data*. MSc in Marketing and Communication, Spring 2022.
- Konstantinos Sfyris. *Analysis of Consumer Data with Machine Learning Methods*. MSc in Marketing and Communication, Spring 2022.
- Timotheos Gerakis, *Review of technologies for managing, organizing, and mining big data and social networks*. MSc in Marketing and Communication, Spring 2022.
- Sotiris Pittos, Nikolaos Kotoulas and Pavlos Vlachogiannis, *A framework for implementing a successful Business Model in SEE (South East Europe), to saturate Electrical Channels with Secure Power Products*. FSP for International MBA with Schneider Electric, Fall 2021.
- Lilian Krapsiti, *Application of analytics tools for segmentation and clustering of retail customers*. MSc in Marketing and Communication, Spring 2019.
- Vaggelis Platis, *Identify customer segments at EUROBANK's Internet and Mobile Banking applications*. MSc in Data Science, Spring 2019.
- Eleni Pasxou, Eutixia Vimi, Andrianna Bakogianni and Periklis Petinatos, *Introduce MEDIACUBE as a digital market data provider in Greece*. FSP for International MBA with MediaCube, Fall 2019.
- Georgia Zacharia, *Market analysis, demand forecasting and estimation of substitution rates for Pfizer Centrum Multi-Vitamin products*. MSc in Marketing and Communication, Spring 2018.
- Christos Papadopoulos, *Market basket analysis for major grocery retailer*. MSc in Marketing and Communication, Spring 2018.
- R. Hernandez, *Big Data as a Strategic Asset for Internet Startups*, Stevens Institute of Technology, US, December 2013.
- M. Papakonstantinou, *The HerMa.D Project: The Heritage Management Department as part of the organizational structure of a construction company*, University of Kent / Athens University of Economics and Business, Greece, March 2013.

MSc thesis Reader

- Y. Wang, *Integrated Framework for Project Portfolio Planning Management under Resource Constraints*, Stevens Institute of Technology, US, May 2017. (Chair Assoc. Prof. T. Lechler - MSc in Enterprise Project Management)
- X. Gong, *Evaluating machine learning algorithms for sentiment analysis*, Stevens Institute of Technology, US, May 2016. (Chair Ass. Prof. T. Lappas - MSc in Business Intelligence and Analytics)
- S. Kotiloglou, *Impacts of Anticipated Disruptions on Terminal Performance: A New York Container Terminal Case Study*, Stevens Institute of Technology, US, November 2013. (Chair Prof. T. Wakeman - MSc in Maritime Systems)

Advisor for Field Study Projects - University of Piraeus

- Tsironis A., *Warehouse Management, Design and Layout for PELIKAN S.A.*, University of Piraeus, 2010. (co-advisor Ass. Prof. S. Mosxouris)
- Petrou C., *Strategic Sourcing and Supply Base Management for MORNOS S.A.*, University of Piraeus, 2010. (co-advisor Ass. Prof. S. Mosxouris)
- Lekka A.I., *Strategic Sourcing and Supply Base Management for DESFA S.A.*, University of Piraeus, 2010. (co-advisor Ass. Prof. S. Mosxouris)
- Tzagaki M., *E-Procurement: Systems, Tactics and Technologies*, University of Piraeus, 2010. (co-advisor Ass. Prof. S. Mosxouris)
- Elena K., *Buyer-Supplier Relationships: Case studies from different industrial sectors*, University of Piraeus, 2010. (co-advisor Ass. Prof. S. Mosxouris)
- Manolakis V., *Warehouse Management, Design and Layout for Fashion Logistics S.A.*, University of Piraeus, 2011. (co-advisor Ass. Prof. S. Mosxouris)

Advisor for Field Consulting Projects - Stevens Institute of Technology

- MGT 810D Field Consulting Project, *Impact of Lube Oil Grade Proliferation downstream in the supply chain*, Spring 2016
Company: Infineum
FCP Project Team: Haojun Xie, Juhi Udani, Panghui Xu, Shenhongyi Zhang

INTELLECTUAL CONTRIBUTIONS & PUBLICATIONS

DISSERTATIONS

1. P.P. Repoussis. Optimization Methods for Complex Vehicle Routing and Scheduling Problems. PhD thesis, Athens University of Economics & Business, Greece, 2008. Thesis to obtain the Doctorate of Philosophy in Management Science and Technology.
2. P.P. Repoussis. Determination of SAFT Equation of State parameters from Quantum Mechanics. Master thesis, Imperial College, UK, 2003. Thesis to obtain the Diploma of Imperial College and Master of Science in Process Systems Engineering.
3. P.P. Repoussis. Simulation of Turbulence Flows on Closed Cavities using Advanced Computational Fluid Dynamics Methods. Diploma Thesis, National Technical University of Athens, Greece, 2002. Thesis to obtain the Diploma in Chemical Engineering (in Greek).

PUBLICATIONS IN REFEREED INTERNATIONAL JOURNALS

1. Kasapidis G., Paraskevopoulos D., Dauzere-Peres, S. and Repoussis P.P. (2023). On the Multi-Resource Flexible Job-Shop Scheduling Problem with Arbitrary Precedence Graphs. *Production and Operations Management* Vol. 32, pp. 2322–2330.
- [ABS 4; Financial Times 50; Business Week 20; UT Dallas 24]
2. Vlachos I., Pascazzi R. M., Ntotis M., Spanaki K., Despoudi S., Repoussis P.P. (2023). Smart and Flexible Manufacturing Systems using Autonomous Guided Vehicles (AGVs) and the Internet of Things (IoT). *International Journal of Production Research* (to appear)
- [ABS 3]
3. Zachariadis E.E., Nikolopoulou A.I., Manousakis E., Repoussis P.P., Tarantilis C.D. (2022). The Vehicle Routing Problem with Capacitated Cross-docking. *Expert Systems with Applications*, Vol. 196, 116620.
- [ABS 1]
4. Pascazzi R.M., Vlachos I., Zobolas G., Repoussis P.P. and Giannakis M. (2021). Lean manufacturing systems in the area of Industry 4.0: a lean automation plan of AGVs/IoT integration. *Production Planning and Control*, Vol 2021/6/4. pp. 1-14
- [ABS 3]
5. Karlis D., Ntzoufras I. and Repoussis P.P. (2021). Mathematics meet sports. *IMA Journal of Management Mathematics*, Vol. 32 (4), pp. 381-383
- [Special issue editorial]
- [ABS 2]
6. Kasapidis G., Paraskevopoulos D., Repoussis P.P. and Tarantilis C.D. (2021). Flexible Job Shop Scheduling Problems with Complex Precedence Graphs. *Production and Operations Management*, Vol 30(11), pp. 4044-4068.
- [ABS 4; Financial Times 50; Business Week 20; UT Dallas 24]
7. Eirinakis P., Kasapidis G., Mourtos I., Repoussis P.P., and Zampou E. (2021). Situation-aware manufacturing systems for capturing and handling disruptions. *Journal of Manufacturing Systems*, Vol. 58, pp. 365-383.
- [ABS 1]

8. Manousakis E., Repoussis P.P., Zachariadis E. and Tarantilis C.D. (2021). Improved Branch-and-Cut for the Inventory Routing Problem Based on a Two-Commodity Flow Formulation. *European Journal of Operations Research*, Vol. 290(3), pp. 870-885.
- [ABS 4]
9. Subramanyam A., Repoussis P.P. and Gounaris C.E. (2019). Robust Optimization of a Broad Class of Heterogeneous Vehicle Routing Problems under Demand Uncertainty. *INFORMS Journal on Computing* vol. 32(3), 661–681.
- [ABS 3; UTDallas 24 Leading Business Journals]
10. Stauropoulou F., Repoussis P.P. and Tarantilis C.D., (2019). The Vehicle Routing Problem with Profits and Consistency Constraints. *European Journal of Operational Research* Vol. 274, pp. 340-356.
- [ABS 4]
11. Nikolopoulou A.I., Repoussis P.P., Tarantilis C.D. and Zachariadis E.E. (2019). Adaptive Memory Programming for the Many-to-Many Vehicle Routing Problem with Cross-Docking. *Operational Research: An International Journal* Vol 19, pp. 1-38
- [ABS 1]
12. Vareias A., Repoussis P.P., Tarantilis C.D. (2019). Assessing Customer Service Reliability in Route Planning with Self-Imposed Time Windows and Uncertain Travel Times. *Transportation Science* Vol. 53(1), pp. 256-281.
- [ABS 3]
13. Paraskevopoulos D.C., Laporte G., Repoussis P.P., Tarantilis C.D. (2017). Resource Constrained Routing and Scheduling: Review and Research Prospects. *European Journal of Operational Research* Vol. 263(3), pp. 737-754.
- [Leading article of the issue - Invited Review]
- [ABS 4]
14. Kotiloglou S., Lappas T., Pelechrinis K. and Repoussis P.P. (2017). Personalized Multi-period touristic tour recommendations, *Tourism Management* Vol. 62, pp. 76-88.
- [ABS 4]
15. Plitsos S., Repoussis P.P., Mourtos I., and Tarantilis C.D. (2017). Energy-aware decision support for production scheduling. *Decision Support Systems* Vol. 93, pp. 88-97.
- [ABS 3]
16. Nikolopoulou A.I., Repoussis P.P., Tarantilis C.D. and Zachariadis E.E. (2017). Moving products between location pairs: Cross-Docking versus Direct-Shipping. *European Journal of Operational Research* Vol. 256(3), pp. 803-819.
- [ABS 4]
17. Repoussis P.P., Paraskevopoulos D., Vazacopoulos A. and Hupert N. (2016). Optimizing Emergency Preparedness and Resource Utilization in Mass Casualty Incidents. *European Journal of Operational Research* Vol. 255(2), pp. 531-544.
- [ABS 4]
18. Gounaris C.E., Repoussis P.P., Tarantilis C.D., Wiesemann W. and Floudas C.A. (2016). An Adaptive Memory programming Framework for the Robust Capacitated Vehicle Routing Problem. *Transportation Science* Vol. 50(4), pp. 1239 - 1260.
- [ABS 3]
19. Repoussis P.P. and Gounaris C.E. (2013). Vehicle Routing and Scheduling: Recent Trends and Advances - Editorial. *Optimization Letters* Vol. 7(7), pp. 1399-1403.

20. Tarantilis C.D., Anagnostopoulou A. and Repoussis P.P. (2013). Adaptive Path Relinking for Vehicle Routing and Scheduling Problems with Product Returns. *Transportation Science* Vol. 47, pp. 356-379.
- [ABS 3]

21. Tarantilis C.D., Stauropoulou F. and Repoussis P.P. (2013). Bi-level Filter-and-Fan for the Capacitated Team Orienteering Problem. *European Journal of Operations Research* Vol. 224(1), pp. 65-78.
- [ABS 4]

22. Tarantilis C.D., Stauropoulou F. and Repoussis P.P. (2011). A Template-based Tabu Search Algorithm for the Consistent Vehicle Routing Problem. *Expert Systems with Applications* Vol. 39(4), pp. 4233-4239.
- [ABS 1]

23. Repoussis P.P. and Tarantilis C.D. (2010). Solving the Fleet Size and Mix Vehicle Routing Problem with Time Windows via Adaptive Memory Programming. *Transportation Research Part C* Vol. 18, pp. 695-712.
- [Top 11 “Decision Sciences - Transportation Research Part C” Elsevier Article (from July to September 2010)]

24. Repoussis P.P., Tarantilis C.D., Bräysy O. and Ioannou G. (2010). A Hybrid Evolution Strategy for the Open Vehicle Routing Problem. *Computers & Operations Research* Vol. 37, pp. 443-455.
- [Top 22 “Decision Sciences - Computers & Operations Research” Elsevier Article (from October to December 2009)]
- [ABS 3]

25. Repoussis P.P., Tarantilis C.D. and Ioannou G. (2009). Arc-Guided Evolutionary Algorithm for the Vehicle Routing Problem with Time Windows. *IEEE Transactions on Evolutionary Computation* Vol. 13(3), pp. 624-647.
- [ABS 4]

26. Bräysy O., Porkka P., Dullaert W., Repoussis P.P. and Tarantilis C.D. (2009). A Well-scalable Metaheuristic for the Fleet Size and Mix Vehicle Routing Problem with Time Windows. *Expert Systems with Applications* Vol. 36(4), pp. 8460-8475.
- [ABS 1]

27. Repoussis P.P., Paraskevopoulos D.C., Zobelos G., Tarantilis C.D. and Ioannou G. (2009). A Web-Based Decision Support System for Waste Lube Oils Collection and Recycling. *European Journal of Operational Research* Vol. 195(3), pp. 676-700.
- [Top 3 “Mathematics” Elsevier Article (from October 2008 to March 2009)]
- [Top 3 “Computer Sciences” Elsevier Article (from October 2008 to March 2009)]
- [Top 3 “Decision Sciences” Elsevier Article (from October 2008 to March 2009)]
- [ABS 4]

28. Paraskevopoulos D.C., Repoussis P.P., Tarantilis C.D., Ioannou G. and Prastacos G.P. (2007). A Reactive Variable Neighborhood Tabu Search for the Heterogeneous Fleet Vehicle Routing Problem with Time Windows. *Journal of Heuristics* Vol. 14(5), pp. 425-455.
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4. D.C. Paraskevopoulos, P.P. Repoussis, C.D. Tarantilis, G. Ioannou and G.P. Prastacos (2010). Reactive Variable Neighborhood Tabu Search for Heterogeneous Fleet Vehicle Routing and Scheduling Problems. "Tabu Search Vignettes" - Brief summaries of significant contributions to the literature of tabu search and its applications prepared by the original authors - <https://leeds-faculty.colorado.edu/glover/tabusearchvignettes.html>
5. Repoussis P.P. (2010). Towards the design of decision making tools for waste collection services. *MSL Stories*, May 2010.
6. Repoussis P.P. (2008). Vendor Managed Inventory: An emerging trend in Supply Chain Management. *KERDOS*, No. 6949, Date. 16/07/2008, pp. 28-29. (in Greek)

INVITED PRESENTATIONS AND RESEARCH SEMINARS

1. Invited Distinguished Guest (2017), Faculty Summit for Supply Chain Optimization, Amazon, Seattle, USA.
2. Joint Webinar CIRRELT, MobilOpt and Canada research chair in integrated logistics (CIRRELT) - Research Seminar: Flexible Job Shop Scheduling Problems with Arbitrary Precedence Graphs, November 17, Canada, 2020.
3. Center for Mathematical Innovation - Research Seminar: Reliable Time Window Assignment in Vehicle Routing, University of Bath, September 27, Bath, UK, 2017.
4. Repoussis P.P. (2016) Assessing Customer Service Reliability in Route Planning with Self-Imposed Time Windows and Uncertain Travel Times, PSE Seminar, CAPD, Carnegie Mellon University, May 8, Pittsburgh, USA.
5. Research Talk: Towards an Adaptive Memory Programming Approach for the Robust Capacitated Vehicle Routing Problem, Central University of Economics and Finance, May 14, Beijing, China, 2014.
6. Repoussis P.P. (2013) Howe School Research Colloquia: Multi-period Vehicle Routing Problems with Consistent Service Constraints, Stevens Institute of Technology, Babbio Center, January 31, Hoboken, USA.
7. Repoussis P.P. (06/2008). Combining Exact & Metaheuristic Methods for Supply Chain Management, *Week of "Innovation & Technology", Algorithms and Optimization Methods in Management Science*, Park Hotel, Greece.
8. Repoussis P.P. (11/2006). Vehicle Routing and Computational Intelligence, *ICOL Life Meeting*, Athens Plaza Hotel, Greece.

TEXTBOOKS

1. G. Baltas and P.P. Repoussis. Web and Marketing Analytics. 2nd Edition, Rosilli Publications, Athens, Greece, 2019. (in Greek)
2. Bowersox et al., Supply Chain Logistics Management, Co-editor of the Greek Translation, Broken Hill Publisher, 2015.