

Personal information

Occupation : Habil. Associate Professor, University of Lisbon, Portugal
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Date of Birth : October 7, 1968
Citizenship : Portuguese
Languages : Portuguese, English, Spanish

Education

2018 Habilitation in Statistics and Operations Research, University of Lisbon, Portugal.
2002 Ph.D., Statistics and Operations Research, University of Lisbon, Portugal.
1994 M.Sc., Statistics and Operations Research, University of Lisbon, Portugal.
1991 B.Sc., Statistics and Operations Research, University of Lisbon, Portugal.

Employment

2020– Habil. Associate Professor, Faculty of Science, University of Lisbon, Portugal.
2018–2020 Habil. Assistant Professor, Faculty of Science, University of Lisbon, Portugal.
2002–2018 Assistant Professor, Faculty of Science, University of Lisbon, Portugal, (tenure since 2007).
1995–2002 Teaching Assistant, Faculty of Science, University of Lisbon, Portugal.
1995–1996 Teaching Assistant, ISLA-Lisboa (currently European University), Lisbon, Portugal.
1993–1995 Teaching Assistant, Faculty of Engineering, Technical University of Lisbon.
1991 Trainee, Department of Development and Planning, Portugal Telecom, Lisbon, Portugal.

Teaching

In the past two decades has taught different topics at the undergraduate or graduate levels: Operations Research, Logistics, Operations Management, Supply Chain Planning, Production Planning and Scheduling, Linear Optimization, Discrete and Combinatorial Optimization, Optimization under Uncertainty, Multicriteria Optimization, Probability and Statistics, Multivariate Statistical Models, Sampling, Forecasting, Quality Control, Decision Theory, Revenue Management.

Administrative positions

2019–2021 Coordinator of the undergraduate program in Applied Mathematics, Faculty of Science, University of Lisbon, Portugal.

- 2009–2012 Vice-president, Department of Statistics and Operations Research, Faculty of Science, University of Lisbon, Portugal.
- 2007–2011 Co-coordinator, EWGLA—The EURO Working Group on Locational Analysis.
- 2003–2009 Member of the Executive Board, Operations Research Center, University of Lisbon, Portugal.

Prizes and distinctions

- 2021 Silver Employer Award, Faculty of Science, University of Lisbon, Portugal.
- 2020 Roger-Charbonneau Prize, HEC Montreal, Quebec, Canada, awarded to the book G. Laporte, S. Nickel, F. Saldanha-da-Gama (editors), “Location Science”, Springer International Publishing, second edition.
- 2017 Selected article for the 40th anniversary commemorative edition of the European Journal of Operational Research: “40 influential papers in the history of EJOR”.
- 2014 Certificate of appreciation for the dedication and service as member of the Scientific Committee of CLAIO XVII/CSMIO III—Latin-Iberian-American Conference on Operations Research/Conference of the Mexican Society of Operations Research, Monterrey, Mexico, October 6–10, 2014.
- 2012 Elsevier “EJOR Top cited article 2007–2011”.
- 2012 EURO “Best EJOR Review Paper”.
- 1995 Laureate at the Twelfth EURO Summer Institute, Tenerife, Spain.

Research grants and scientific projects

- 2020– “Optimization and evaluation of resources: methodological and computational advances and applications”. Team grant funded by the Ministry of Economy and Competitiveness, Spain. Main Researchers: Juan Aparicio and Javier Alcaraz, Miguel Hernandez University of Elche, Spain.
- 2020– Project UIDB/04561/2020—Centro de Matemática, Aplicações Fundamentais e Investigação Operacional. Team grant funded by the Portuguese Science Foundation. Main Researcher: Luís Gouveia, University of Lisbon, Portugal.
- 2019–2021 “Optimización Matemática y Combinatoria en Redes”. Team grant funded by the Ministry of Economy and Competitiveness, Spain. Main Researcher: Elena Fernández, University of Cadiz, Spain.
- 2019–2021 “Analysis y resolucion de problemas de rutas de vehiculos y localizacion de servicios”. Team grant funded by the Ministry of Economy and Competitiveness, Spain. Main Researcher: José Maria Sanchis Llopis, Technical University of Valencia, Spain.
- 2019 Project UID/MAT/04561/2019—Centro de Matemática, Aplicações Fundamentais e Investigação Operacional. Team grant funded by the Portuguese Science Foundation. Main Researcher: Luís Gouveia, University of Lisbon, Portugal.
- 2017– Project “Sequentielles Entscheiden bei systeminhärenter Unsicherheit: Mathematische Optimierungsverfahren für zeitdynamische Anwendungen”, in German (Time-dependent decisions under uncertainty: optimization models and methods). Team project funded by the Deutsche Forschungsgemeinschaft (DFG)—Project 354864080. Main Researchers: Fabian Dunke and Stefan Nickel, Karlsruhe Institute of Technology, Karlsruhe, Germany.
- 2017, 2018 Project SFRH/BSAB/130291/2017. Individual grant for a sabbatical period abroad funded by the Portuguese Science Foundation.

2016–2019	“DO-ILT: Optimización discreta para problemas integrados en logística y transporte”. Team grant funded by the Ministry of Economy and Competitiveness, Spain. Main Researcher: Elena Fernández, Technical University of Catalunya, Spain.
2015–2019	Project UID/MAT/04561/2013—Centro de Matemática, Aplicações Fundamentais e Investigação Operacional. Team grant funded by the Portuguese Science Foundation. Main Researcher: Luís Sanchez, University of Lisbon, Portugal.
2015, 2016	Grant funded from the Portuguese Science Foundation for a FCT-DAAD Portuguese-German bilateral project (Main Researcher).
2014–2016	Thematic Network “Location and Related Problems”. Team grant funded by the Ministry of Economy and Competitiveness, Spain. Main Researcher: Antonio Manuel Rodríguez-Chía, University of Cadiz, Spain.
2012–2015	“OPTIMOS3: Modelos y métodos de Programación Matemática y sus aplicaciones”. Team grant funded by the Ministry of Economy and Competitiveness, Spain. Main Researcher: Elena Fernández, Technical University of Catalunya, Barcelona, Spain.
2011–2013	Thematic Network “Location and Related Problems”. Team grant funded by the Ministry of Economy and Competitiveness, Spain. Main Researcher: Dolores Santos-Peñate, University of Gran-Canaria, Spain.
2009–2012	“OPTIMOS2: Modelos y métodos de Programación Matemática y sus aplicaciones”. Team grant funded by the Ministry of Economy and Competitiveness, Spain. Main Researcher: Elena Fernández, Technical University of Catalunya, Barcelona, Spain.
2009, 2010	Grant funded by the Council of the Portuguese Universities for a Portuguese-German bilateral project (Main Researcher).
2008	Project SFRH/BSAB/799/2008. Individual grant for a sabbatical period abroad funded by the Portuguese Science Foundation.
1995–2014	Projects PRAXIS/2/2.1/MAT/139/94 and POCTI-ISFL-1-152—Centro de Investigação Operacional. Team grant funded by the Portuguese Science Foundation. Main researchers: José Pinto Paixão (1995–2003) and Luís Gouveia (2003–2014), Faculty of Science, University of Lisbon.
1991–1993	Project 10/1991-07/1993. Individual grant as an MSc student funded by Junta Nacional de Investigação Científica e Tecnológica (JNICT), Portugal—Current Portuguese Science Foundation.

Editorial work

- o Editor-in-Chief, *Computers & Operations Research* (since 2016).
- o Area Editor, *Computers & Operations Research* (2013–2015).
- o Member of the Editorial Board, *Algorithms* (since 2021).
- o Member of the International Editorial Advisory Board, *Journal of The Operational Research Society, UK* (since 2020).
- o Member of the Editorial Advisory Board, *Operations Research Perspectives* (since 2016).
- o Member of the Editorial Advisory Board, *Computers & Operations Research* (2008–2012).
- o Has reviewed more than one hundred papers for more than 20 scholarly journals in areas such as Operations Research and Management Science, Transportation, Logistics, Production and Operations Management, Optimization, and Business and Management.

Bibliometrics

Google Scholar 77 entries; 5576 citations; h-index=31; i-20=36.

Scopus 54 entries; 2904 citations; h-index=24; i-20=29.

Clarivate 47 entries; 2370 citations; h-index=22; i-20=24.

Books

1. Francisco Saldanha-da-Gama, Shuming Wang, "Facility Location under Uncertainty", Springer, to be printed in early 2023.
2. Gilbert Laporte, Stefan Nickel, Francisco Saldanha-da-Gama (editors), "Location Science", Springer, 2019, 2nd edition.
3. Gilbert Laporte, Stefan Nickel, Francisco Saldanha-da-Gama (editors), "Location Science", Springer, 2015.
4. Ana Paias, Francisco Saldanha-da-Gama (editors), "EURO Winter Institute on Location and Logistics, Collection of papers", ISBN 978-989-20-0489-1, Centro de Investigação Operacional (Operations Research Center), University of Lisbon, 2007.

Book chapters

1. Stefan Nickel, Francisco Saldanha-da-Gama, "Multi-period facility location", in Gilbert Laporte, Stefan Nickel, Francisco Saldanha-da-Gama (editors), "Location Science", chapter 11, Springer, 2019, 2nd edition.
2. Isabel Correia, Francisco Saldanha-da-Gama, "Facility location under uncertainty", in Gilbert Laporte, Stefan Nickel, Francisco Saldanha-da-Gama (editors), "Location Science", chapter 8, Springer, 2019, 2nd edition.
3. Gilbert Laporte, Stefan Nickel, Francisco Saldanha-da-Gama, "Introduction to Location Science", in Gilbert Laporte, Stefan Nickel, Francisco Saldanha-da-Gama (editors), "Location Science", chapter 1, Springer, 2019, 2nd edition.
4. Stefan Nickel, Francisco Saldanha-da-Gama, "Multi-period facility location", in Gilbert Laporte, Stefan Nickel, Francisco Saldanha-da-Gama (editors), "Location Science", chapter 11, Springer, 2015.
5. Isabel Correia, Francisco Saldanha-da-Gama, "Facility location under uncertainty", in Gilbert Laporte, Stefan Nickel, Francisco Saldanha-da-Gama (editors), "Location Science", chapter 8, Springer, 2015.
6. Gilbert Laporte, Stefan Nickel, Francisco Saldanha-da-Gama, "Introduction to Location Science", in Gilbert Laporte, Stefan Nickel, Francisco Saldanha-da-Gama (editors), "Location Science", chapter 1, Springer, 2015.
7. Isabel Correia, Francisco Saldanha-da-Gama, "A modeling framework for project staffing and scheduling problems", In Christoph Schwindt and Jürgen Zimmermann (editors), "Handbook of Project Management and Scheduling", chapter 31, Springer, 2014.
8. Maria Teresa Melo, Stefan Nickel, Francisco Saldanha-da-Gama, "Network design decisions in supply chain planning" in Optimization of Logistics Systems—Models and Experiences, Symposium of the Collaborative Research Center 559 "Modelling of Large Logistics Networks", Peter Buchholz and Axel Kuhn (editors), pages 1–19, Verlag Praxiswissen Dortmund, 2008.

Articles in refereed scholarly journals

1. Yuchen Li, Zixiang Li, Francisco Saldanha-da-Gama, "New approaches for rebalancing an assembly line with disruptions", International Journal of Computer Integrated Manufacturing, DOI: 10.1080/0951192X.2021.1925967.
2. Antonio Diglio, Juanjo Peiró, Carmela Piccolo, Francisco Saldanha-da-Gama, "Solutions for districting problems with chance-constrained balancing requirements", Omega 103:102430, 2021.
3. Zehranaz Dönmez, Bahar Y.Kara, Özlem Karsu, Francisco Saldanha-da-Gama, "Humanitarian Facility Location under Uncertainty: Critical Review and Future Prospects", Omega 102: 102393, 2021.
4. Antonio Diglio, Stefan Nickel, Francisco Saldanha-da-Gama, "Towards a stochastic programming modeling framework for districting", Annals of Operations Research 292: 249–285, 2020.

5. Ángel Corberán, Mercedes Landete, Juanjo Peiró, Francisco Saldanha-da-Gama, "The facility location problem with capacity transfers", *Transportation Research Part E: Logistics and Transportation Review* 138:101943, 2020.
6. Juanjo Peiró, Ángel Corberán, Rafael Martí, Francisco Saldanha-da-Gama, "Heuristic Solutions for a Class of Stochastic Uncapacitated p -Hub Median Problems", *Transportation Science* 53, 1126–1149, 2019.
7. Ángel Corberán, Mercedes Landete, Juanjo Peiró, Francisco Saldanha-da-Gama, "Improved polyhedral descriptions and exact procedures for a broad class of uncapacitated p -hub median problems", *Transportation Research Part B* 123, 38–63, 2019.
8. Pu Li, Hongjie Lan, Francisco Saldanha-da-Gama, "Bi-Objective Capacitated Location-Routing Problem for Multiple Perishable Commodities", *IEEE Access* 7, 136729–136742, 2019.
9. Elena Fernández, Yolanda Hinojosa, Justo Puerto, Francisco Saldanha-da-Gama, "New algorithmic framework for conditional value at risk: application to stochastic fixed-charge transportation", *European Journal of Operational Research* 277, 215–226, 2019.
10. Bernardo F. Almeida, Isabel Correia, Francisco Saldanha-da-Gama, "Modeling frameworks for the multiskill resource-constrained project scheduling problem: a theoretical and empirical comparison", *International Transactions in Operational Research* 26, 946–967, 2019.
11. Omer Burak Kinay, Francisco Saldanha-da-Gama, Bahar Y. Kara, "On multicriteria chance-constrained capacitated single-source discrete facility location problems", *Omega* 83, 107–122, 2019.
12. Francisco Saldanha-da-Gama, "Comments on: Extensive facility location problems on networks: An updated review", *TOP* 26, 229–232, 2018.
13. Bernardo F. Almeida, Isabel Correia, Francisco Saldanha-da-Gama, "A biased random-key genetic algorithm for the project scheduling problem with flexible resources", *TOP* 26, 283–308, 2018.
14. Omer Burak Kinay, Bahar Y. Kara, Francisco Saldanha-da-Gama, Isabel Correia, "Modeling the shelter site location problem using chance constraints: A case study for Istanbul", *European Journal of Operational Research* 270, 132–145, 2018.
15. Alfredo Marín, Luisa I. Martínez-Merino, Antonio M. Rodríguez-Chía, Francisco Saldanha-da-Gama, "Multi-period Stochastic Covering Location Problems: modeling framework and solution approach", *European Journal of Operational Research* 268, 432–449, 2018.
16. Sibel A. Alumur, Stefan Nickel, Brita Rohrbeck, Francisco Saldanha-da-Gama, "Modeling congestion and service time in hub location problems", *Applied Mathematical modelling* 55, 13–32, 2018.
17. Isabel Correia, Stefan Nickel, Francisco Saldanha-da-Gama, "A stochastic multi-period capacitated multiple allocation hub location problem: formulation and inequalities", *Omega* 74, 122–134, 2018.
18. Fabian Dunke, Stefan Nickel, Iris Heckmann, Francisco Saldanha-da-Gama, "Time Traps in Supply Chains: is Optimal Still Good Enough?", *European Journal of Operational Research* 264, 813–829, 2018.
19. Maria Albareda-Sambola, Elena Fernández, Francisco Saldanha-da-Gama, "Heuristic solutions to the Facility Location Problem with General Bernoulli Demands", *INFORMS Journal on Computing* 29, 737–753, 2017.
20. Jordi Castro, Stefano Nasini, Francisco Saldanha-da-Gama, "A cutting-plane approach for large-scale capacitated multi-period facility location using a specialized interior-point method", *Mathematical Programming Series A* 163, 411–444, 2017.
21. Sibel A. Alumur, Stefan Nickel, Francisco Saldanha-da-Gama, Yusuf Seçer, "Multi-period hub network design problems with modular capacities", *Annals of Operations Research* 246, 289–312, 2016.
22. Bernardo F. Almeida, Isabel Correia, Francisco Saldanha-da-Gama, "Priority-Based Heuristics for the Multi-Skill Resource Constrained Project Scheduling Problem", *Expert Systems with Applications* 57, 91–103, 2016.
23. Stefan Nickel, Melanie Reuter-Oppermann, Francisco Saldanha-da-Gama, "Ambulance Location under Stochastic Demand: A Sampling Approach", *Operations Research for Health Care* 8, 24–32, 2016.

24. Isabel Correia, Francisco Saldanha-da-Gama, "A note on 'Branch-and-price approach for the multi-skill project scheduling problem' ", *Optimization Letters* 9, 1255–1258, 2015.
25. Yolanda Hinojosa, Justo Puerto, Francisco Saldanha-da-Gama, "A two-stage stochastic transportation problem with fixed handling costs and a priori selection of the distribution channels", *TOP* 22, 1123–1147, 2014.
26. Isabel Correia, Francisco Saldanha-da-Gama, "The impact of fixed and variable costs in a multi-skill project scheduling problem: an empirical study", *Computers & Industrial Engineering* 72, 230–238, 2014.
27. Isabel Correia, Stefan Nickel, Francisco Saldanha-da-Gama, "Multi-product capacitated single-allocation hub location problems: Formulations and inequalities", *Networks and Spatial Economics* 14, 1–25, 2014.
28. Maria Teresa Melo, Stefan Nickel, Francisco Saldanha-da-Gama, "An efficient heuristic approach for a multi-period logistics network redesign problem", *TOP* 22, 80–108, 2014.
29. Isabel Correia, Maria Teresa Melo, Francisco Saldanha-da-Gama, "Comparing classical performance measures for a multi-period, two-echelon supply chain network design problem with sizing decisions", *Computers & Industrial Engineering* 64, 366–380, 2013.
30. Joaquim A. S. Gromicho, Jelke J. van Hoorn, Francisco Saldanha-da-Gama, Gerrit Timmer, "Solving the job-shop scheduling problem optimally by dynamic programming", *Computers & Operations Research*, 39, 2968–2977, 2012.
31. Isabel Correia, Lúcia Lampreia-Lourenço, Francisco Saldanha-da-Gama, "Project scheduling with flexible resources: formulation and inequalities", *OR Spectrum*, 34, 635–663, 2012.
32. Sibel A. Alumur, Stefan Nickel, Francisco Saldanha-da-Gama, V. Verter, "Multi-Period Reverse Logistics Network Design", *European Journal of Operational Research*, 220, 67–78, 2012.
33. Sibel A. Alumur, Stefan Nickel, Francisco Saldanha-da-Gama, "Hub location under uncertainty", *Transportation Research Part B* 46, 218–230, 2012.
34. Stefan Nickel, Francisco Saldanha-da-Gama, Hans-Peter Ziegler, "A multi-stage stochastic supply chain network design problem with financial decisions and risk management", *Omega* 40, 511–524.
35. Maria Teresa Melo, Stefan Nickel, Francisco Saldanha-da-Gama, "A tabu search heuristic for redesigning a multi-echelon supply chain network over a planning horizon", *International Journal of Production Economics* 136, 218–230, 2012.
36. Isabel Correia, Stefan Nickel, Francisco Saldanha-da-Gama, "Hub and spoke network design with single-assignment, capacity decisions and balancing requirements", *Applied Mathematical Modelling* 35, 4841–4851, 2011.
37. Maria Albareda-Sambola, Elena Fernández, Francisco Saldanha-da-Gama, "The facility location problem with Bernoulli demands", *Omega* 39, 335–345, 2011.
38. Isabel Correia, Stefan Nickel, Francisco Saldanha-da-Gama, "The capacitated single-allocation hub location problem revisited: A note on a classical formulation", *European Journal of Operational research* 207, 92–96, 2010.
39. Isabel Correia, Stefan Nickel, Francisco Saldanha-da-Gama, "Single-assignment hub location problems with multiple capacity levels", *Transportation Research Part B: Methodological* 44, 1047–1066, 2010.
40. Isabel Correia, Luís Gouveia, Francisco Saldanha-da-Gama, "Discretized formulations for capacitated location problems with modular distribution costs", *European Journal of Operational Research* 204, 237–244, 2010.
41. Maria da Conceição Fonseca, Alvaro García-Sánchez, Miguel Ortega-Mier, Francisco Saldanha-da-Gama, "A Stochastic Bi-objective Location Model for Strategic Reverse Logistics", *TOP* 18, 158–184, 2010.
42. Stefan Nickel, Francisco Saldanha-da-Gama, "Logistics Network Design", *OR Spectrum* 31, 461–463, 2009.
43. Maria Teresa Melo, Stefan Nickel, Francisco Saldanha-da-Gama, "Facility location and supply chain management—A review", *European Journal of Operational Research* 196, 401–412, 2009 (Invited review).
44. Isabel Correia, Luís Gouveia, Francisco Saldanha-da-Gama, "Solving the variable size bin packing problem

with discretized formulations”, *Computers & Operations Research* 35, 2103–2113, 2008.

45. Luís Gouveia, Francisco Saldanha-da-Gama, “On the capacitated concentrator location problem: a reformulation by discretization”, *Computers & Operations Research* 33, 1242–1258, 2006.
46. Maria Teresa Melo, Stefan Nickel, Francisco Saldanha-da-Gama, “Dynamic multi-commodity capacitated facility location: a mathematical modelling framework for strategic supply chain planning”, *Computers & Operations Research* 33, 181–208, 2006.
47. Francisco Saldanha-da-Gama, Maria Eugénia Captivo, “A heuristic approach for the discrete dynamic location problem”, *Location Science* 6, 211–223, 1998.
48. Pasquale Avella, Stefan Benati, Lázaro Cánovas-Martinez, Kevin Dalby, Donatella Di Girolamo, Branka Dimitrijevic, Ioannis Giannikos, Nili Guttman, Tim Helge Hultberg, Jörg Fliege, Manuel Muñoz-Márquez, Malick M. Ndiaye, Stefan Nickel, Peter Peeters, Dionisio Pérez-Brito, Silvia Policastro, Francisco Saldanha-da-Gama, Pietro Zidda, “Some personal views on the current state and the future of Locational Analysis”, *European Journal of Operational Research* 104, 269–287, 1998.

Articles in refereed conference proceedings

1. Isabel Correia, Teresa Melo, Francisco Saldanha-da-Gama, “A two-echelon facility location problem with layout selection”, *Proceedings of the 14th International Conference on Mathematical Methods, Computational Techniques and Intelligent Systems—MACMECTIS’12*, pp 79–84, 2012.
2. Isabel Correia, Stefan Nickel, Francisco Saldanha-da-Gama, “Single-allocation hub location problems with capacity decisions and balancing requirements”, *Proceedings of the 12th International Conference on Mathematical and Computational Methods in Science and Engineering—MACMESE-06*, pp 51–56, 2010.
3. Isabel Correia, Luís Gouveia, Francisco Saldanha-da-Gama, “Discretized reformulations for a capacitated network loading problem arising in a facility location context”, *INOC Proceedings 2007—International Network Optimization Conference*, Pisa, Italy, 26–29 April, 2009.
4. Isabel Correia, Luís Gouveia, Francisco Saldanha-da-Gama, “On capacitated location problems with modular links and general distribution costs”, *INOC Proceedings 2007—International Network Optimization Conference*, Spa, Belgium, 22–25 April, 2007.
5. Francisco Saldanha-da-Gama, Margarida M. da Silva, “A decomposition scheme for a multi-period phase-in/phase-out location problem”, *INOC Proceedings 2005—International Network Optimization Conference*, Lisbon, Portugal, 20–23 March, 2005.
6. Maria Teresa Melo, Stefan Nickel, Francisco Saldanha-da-Gama, “Dynamic multi-commodity facility location: a mathematical modelling framework for strategic supply chain planning”, *Operations Research Proceedings 2003*, D. Ahr, R. Fahrion, M. Oswald, G. Reinelt (editors), 95–102, Springer, Berlin, 2004.

Conference presentations, seminars, short courses

- o More than 100 contributed presentations in Scientific Conferences.
- o Ten short courses in different universities and countries: New University of Lisbon (Portugal), Trás-os-Montes e Alto Douro University (Portugal), Karlsruhe Institute of Technology (Germany), University of Seville (Spain), University of Cadis (Spain).
- o More than 20 seminar presentations in universities and scientific institutions from different countries including: University of Vienna (Austria), Free University Brussels (ULB, Belgium), Beijing Jiaotong University (China), Xi’an Jiaotong University (China), Shanghai Jiaotong University (China), NEOMA Business School (Rouen, France), Karlsruhe Institute of Technology (Germany), Institute for Industrial Mathematics (ITWM, Kaiserslautern, Germany), University of Rome La Sapienza, (Italy), Nanzan University (Nagoya, Japan), University of Seville (Spain), Technical University of Barcelona (Spain), University of Murcia (Spain), University of Valencia (Spain) and Free University Amsterdam (VU, The Netherlands).
- o Plenary and keynote presentations:

- “Districting Problems: Dealing with Uncertainty”, International Conference on Intelligent Transportation and Logistics with Big Data, Kunming, Yunnan, China, October 9–11, 2020, online presentation.
- “Stochastic capacitated facility location: coping with uncertain uncertainty”, CMAF-CIO Open Meeting (Centro de Matemática, Aplicações Fundamentais e Investigação Operacional), Lisbon, Portugal, September 9 and 10, 2020, conference held online.
- “Stochastic Districting Problems”, LISS 2020: IEEE International Conference on Logistics, Informatics and Service Sciences, Beijing Jiaotong University, Beijing, China, July 26 and 27, 2020, conference held online.
- “Multi-period facility location problems in the context of logistics network design”, 2019 International Conference on Logistics and Supply Chain, Beijing Wuzi University, Beijing, China, November 30 and December 1, 2019.
- “Logistics Network Design and Facility Location: the value of multi-period stochastic solutions”, International Conference on Intelligent Transportation and Logistics with Big Data & 7th International Forum on Decision Science, Windsor, Ontario, Canada, July 26–29, 2019.
- “Meet the Editors”, presentation and discussion panel. IO’2019, 20th Conference of the Portuguese OR Society, Tomar, Portugal, July 22–24, 2019.
- “Logistics Network Design and Facility Location: the value of multi-period stochastic solutions”, IX IWOLOCA—Ninth International Workshop of Locational Analysis and Related Problems, Cadis, Spain, January 30 – February 1, 2019.
- “Logistics Network Design and Facility Location: the value of a multi-period stochastic solution”, OR 2018 International Conference on Operations Research, GOR/ORBEL Joint Annual Conference, Brussels, Belgium, September 12–14, 2018.
- “Logistics Network Design and Facility Location: the value of a multi-period stochastic solution”, 8th International Conference on Logistics, Informatics and Service Sciences / 5th International Conference on Industrial Economics Systems and Industrial Security Engineering, Toronto, Ontario, Canada, August 3–6, 2018.
- “Service location for unit demand customers: dealing with uncertainty”, Twelfth Annual Workshop on Supply Chain and Logistics, Bilkent University, Ankara, Turkey, June 1, 2018.
- “Hub location problems for distribution systems design: some advances and prospects”, China Society of Logistics Annual Meeting, Hefei, Anhui, China, November 24–26, 2016.
- “The stochastic uncapacitated r -allocation p -hub median problem: modeling framework and heuristic solutions”, Workshop on Urban Operations Research 2016, Nanzan University, Nagoya, Japan, December 10–11, 2016.
- “Meet the Editors”, presentation and discussion panel. Second Karlsruhe Service Summit Research Workshop, Karlsruhe Institute of Technology, Karlsruhe, Germany, February 25 and 26, 2016.

--- Graduate students supervision

1. Paulo Moreira (PhD), “New models and solutions techniques for Optimization under uncertainty”, University of Lisbon, 2021–.
2. Afaf Aloullal (PhD), “Multi-period stochastic programming models and techniques for logistics distribution systems”, Polytechnic University of Hauts-de-France, Valenciennes, France, jointly supervised with Raca Todosijevic, 2020–.
3. Antonio Diglio (PhD), “Spatial organization of public services: models and applications”, Università degli Studi di Napoli Federico II, 2019, co-supervised with Giuseppe Bruno (Università degli Studi di Napoli Federico II) and Stefan Nickel (Karlsruhe Institute of Technology).
4. Bernardo Ferreira de Almeida (PhD), “Multi-skill resource-constrained project scheduling problems: models and algorithms”, Faculty of Science, University of Lisbon, Portugal, 2018, co-supervised with Isabel Correia (Faculty of Science and Technology, New University of Lisbon, Caparica, Portugal).
5. Hans-Peter Ziegler (PhD), “Algorithms for linear stochastic programs and their application in supply chain network design problems”, KIT—Karlsruhe Institute of Technology, Germany, 2011, co-supervised

with Stefan Nickel (Karlsruhe Institute of Technology, Germany).

The thesis received the SOLA-Air Products Dissertation Award Honorable mention in the INFORMS meeting held in San Francisco, USA, November 2014.

6. Ana Wemans (MSc), “A Heuristic Approach for a Multi-Period Capacitated Single-Allocation Hub Location Problem”, University of Lisbon, 2016.
7. Eliana Fernandes (MSc), “A heuristic approach for capacitated single allocation hub location problems”, University of Lisbon, 2015.
8. Marta Miranda (MSc), “Optimização da Produção em Obra” (in Portuguese), University of Lisbon, 2011.
9. Leão Fernandes (MSc), “Elaboração de um plano de contingência para os sistemas de informação de um parque de combustíveis” (in Portuguese), University of Lisbon, 2007.
10. Pedro Machado (MSc), “Estimação do valor óptimo de um problema de Job-Shop Scheduling” (in Portuguese), University of Lisbon, 2006.
11. Margarida Silva (MSc), “Métodos exactos para a resolução de um problema de phase-in/phase-out multi-periódico para localização de serviços com capacidade” (in Portuguese), University of Lisbon, 2005.

Other professional activities

- o Visiting researcher to many institutions abroad, including: Beijing Jiaotong University (China), University of Valencia (Spain), Karlsruhe Institute of Technology (Germany), Xi'an Jiaotong University (China), University of Seville (Spain), Technical University of Catalunya (Spain), University of Saarbrücken (Germany), Free University of Amsterdam (VU, The Netherlands), University of Applied Sciences, HTW (Saarbrücken, Germany), Institute for Industrial Mathematics—ITWM (Kaiserslautern, Germany).
- o Member of more than 20 PhD committees in different universities (countries) including: University of Vienna (Austria), University of Montreal (Canada), Karlsruhe Institute of Technology (Germany), University of Aveiro (Portugal), University of Lisbon (Portugal), Technical University of Catalunya (Spain), Technical University of Madrid (Spain), University of Cadiz (Spain), University of Murcia (Spain), University of Seville (Spain), University of the Basque Country (Spain), and Free University of Amsterdam (The Netherlands).
- o Member of the Scientific Committee, ISOLDE XV/EWGLA XXVI, 15th International Symposium on Locational Decisions / 26th Meeting of the EURO Working Group on Locational Analysis, Kaiserslautern and Baden-Baden, Germany, July, 2023.
- o Member of the Scientific Committee, Joint ALIO/EURO International Conference 2021 on Applied Combinatorial Optimization 2021, Viña del Mar, Chile, November 29 – December 1, 2021.
- o Member of the Scientific Committee, ISCM 2021—5th International Conference on Intelligent Systems, Metaheuristics & Swarm Intelligence, Victoria, Seychelles, 10 and 11 April, 2021.
- o Foreign reviewer, Canada Research Chairs Program, Tier 2, 2021.
- o Member of the Scientific Committee, EWGLA XXV—25th Meeting of the EURO Working Group on Locational Analysis, Brussels, Belgium, 5–7 June, 2019.
- o Member of the Scientific Committee, EWGLA XXIV—24th Meeting of the EURO Working Group on Locational Analysis, Edinburgh, Scotland, UK, 23–25 May, 2018.
- o Honorary Chair, ISCBI 2017—5th International Symposium on Computational and Business Intelligence, Dubai, United Arab Emirates, 11–14 August 2017.
- o Member of the Scientific Committee, ISMSI 2017—International Conference on Intelligent Systems, Metaheuristics & Swarm Intelligence, Hong Kong, March 25–27, 2017.
- o Member of the Scientific Committee, Optimization 2017, Lisbon, Portugal, 6–8 September, 2017.
- o Member of the Jury of the INFORMS SOLA Dissertation Award for the best PhD thesis in Location Analysis, 2016.
- o Member of the Scientific Committee, ISCM 2016—3rd International Conference on Soft Computing & Machine Intelligence, Dubai, United Arab Emirates, November 23–25, 2016.
- o Member of the Scientific Committee, EWGLA XXIII—23rd Meeting of the EURO Working Group on

- Locational Analysis, Malaga, Spain, 14–16 September, 2016.
- o Member of the Scientific Committee, ISCBI 2016—4th International Symposium on Computational and Business Intelligence, 5–7 September 2016, Olten, Switzerland.
 - o Foreign reviewer, Natural Sciences and Engineering Research Council of Canada, category “Discovery Grants”, 2016.
 - o Member of the Scientific Committee, EWGLA XXII—22nd Meeting of the EURO Working Group on Locational Analysis, Budapest, Hungary, 20–22 May, 2015.
 - o Member of the Scientific Committee, CLAIO XVII/CSMIO III—Latin-Iberian-American Conference on Operations Research / Conference of the Mexican Society of Operations Research, Monterrey, Mexico, 6–10 October, 2014.
 - o Member of the Scientific Committee, Optimization 2014, Guimarães, Portugal, 28–30 July, 2014.
 - o Member of the Scientific Committee, ISOLDE XIII/EWGLA XXI—Thirteenth International Symposium on Locational Decisions / 21st Meeting of the EURO Working Group on Locational Analysis, Naples and Capri, Italy, 16–20 June, 2014.
 - o Member of the Scientific Committee, EWGLA XX—Twentieth Meeting of the EURO Working Group on Locational Analysis, Ankara, Turkey, 17–19 April, 2013.
 - o Member of the Scientific Committee, EWGLA XIX—Nineteenth Meeting of the EURO Working Group on Locational Analysis, Nantes, France, 12–14 October, 2011.
 - o Member of the Scientific Committee, ORP3—OR Peripatetic Post-Graduate Program, Cadiz, Spain, September 2011.
 - o Member of the Scientific Committee, EWGLA XVIII—Eighteenth Meeting of the EURO Working Group on Locational Analysis, Naples, Italy, 28–30 April, 2010.
 - o External referee for the Prize Ramiro Melendreras 2009, sponsored by SEIO, The Spanish Statistics and Operations Research Society, 2009.
 - o Member of the Scientific Committee, EWGLA XVII—Seventeenth Meeting of the EURO Working Group on Locational Analysis, Elche, Spain, 17–19 September, 2008.
 - o Member of the Scientific Committee, EWGLA XVI—Sixteenth Meeting of the EURO Working Group on Locational Analysis, Estoril, Portugal, 9–11 February, 2007.
 - o Member of the Scientific Committee, EURO Winter Institute on Location and Logistics, Estoril, Portugal, 27 January–10 February, 2007.
 - o Chairman of the Organizing Committee, EWGLA XVI—Sixteenth Meeting of the EURO Working Group on Locational Analysis, Estoril, Portugal, 9–11 February, 2007.
 - o Chairman of the Organizing Committee, EURO Winter Institute on Location and Logistics, Estoril, Portugal, 27 January–10 February, 2007.
 - o Member of the organizing committee, Optimization’2004, Lisbon, Portugal, 25–28 July, 2004.

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