

CV JUANJO PEIRÓ

Thursday 4th April, 2024

Work experience

1.1 Current

Universitat de València

October 2021 – present *Associate Professor (Profesor Titular de Universidad)*
Department of Statistics and Operations Research
Faculty of Mathematical Sciences
Burjassot (València) Spain
November 2021 – present *Elected member of the university council (claustral)*
November 2023 – present *Elected member of the faculty council (junta de centre)*

1.2 Past

Universitat de València

September 2017 – September 2021 *Assistant professor (Profesor Ayudante Doctor)*
May 2019 – September 2021 *Department academic secretary*
January 2014 – December 2016 *Research and teaching assistant*
Department of Statistics and Operations Research
Faculty of Mathematical Sciences
Burjassot (València) Spain

Air Nostrum, Líneas Aéreas del Mediterráneo (IBERIA regional carrier)

December 2007 – May 2011 *Route manager and business analyst*
Network Development at Department of Scheduling and Route Planning
March 2007 – September 2007 *Internship*
Administration at Department of Onboard Services
Quart de Poblet (València) Spain

Research experience

2.1 Research interests

Operations research, integer and mixed-integer programming, combinatorial optimization, optimization under uncertainty, design and analysis of networks, location science, routing, combinatorial aspects in computational geometry, heuristic and metaheuristic search. Statistics for the life and social sciences.

2.2 Usefull links

- [Google Scholar](#)
- [SCOPUS-ID](#)
- [ORCID](#)
- [Web of Science ResearcherID](#)
- [dblp](#)

2.3 Published research papers

2.3.1 In Operations Research topics

- Formulations and valid inequalities for the capacitated dispersion problem.
Mercedes Landete, Juanjo Peiró, Hande Yaman
[Networks 81\(2\):294–315\(2023\)](#) (*JCR Q2*)
- Approximation schemes for districting problems with probabilistic constraints.
Antonio Diglio, Juanjo Peiró, Carmela Piccolo, Francisco Saldanha-da-Gama
[European Journal of Operational Research 307\(1\):233–248 \(2023\)](#) (*JCR Q1*)
- Average reward adjusted deep reinforcement learning for order release planning in manufacturing.
Manuel Schneckenreither, Stefan Haeussler, Juanjo Peiró
[Knowledge-Based Systems 247:108765 \(2022\)](#) (*JCR Q1*)
- Solutions for districting problems with chance-constrained balancing requirements.
Antonio Diglio, Juanjo Peiró, Carmela Piccolo, Francisco Saldanha-da-Gama
[Omega 103:102430 \(2021\)](#) (*JCR Q1*)

- Heuristics for the capacitated dispersion problem.
Juanjo Peiró, Iris Jiménez, José Laguardia, Rafael Martí
International Transactions in Operational Research 28(1):119–141 (2021) (*JCR Q2*)
- The facility location problem with capacity transfers.
Ángel Corberán, Mercedes Landete, Juanjo Peiró, Francisco Saldanha-da-Gama
Transportation Research Part E: Logistics and Transportation Review 138:101943 (2020) (*JCR Q1*)
- Improved polyhedral descriptions and exact procedures for a broad class of uncapacitated p -hub median problems.
Ángel Corberán, Mercedes Landete, Juanjo Peiró, Francisco Saldanha-da-Gama
Transportation Research Part B: Methodological 123:38–63 (2019) (*JCR Q1*)
- Heuristic solutions for a class of stochastic uncapacitated p -hub median problems.
Juanjo Peiró, Ángel Corberán, Rafael Martí, Francisco Saldanha-da-Gama
Transportation Science 53(4):1126–1149 (2019) (*JCR Q1*)
- Heuristics for the Min-Max Arc Crossing Problem in Graphs.
Rafael Martí, Vicente Campos, Arild Hoff, Juanjo Peiró
Expert Systems with Applications 109:100–113 (2018). (*JCR Q1*)
- Models and solution methods for the uncapacitated r -allocation p -hub equitable center problem.
Juanjo Peiró, Ángel Corberán, Manuel Laguna, Rafael Martí
International Transactions in Operational Research 25:1241–1267 (2018). (*JCR Q1*)
- Heuristics for the capacitated modular hub location problem.
Arild Hoff, Juanjo Peiró, Ángel Corberán, Rafael Martí
Computers & Operations Research 86:94–109 (2017). (*JCR Q1*)
- Scatter Search
Handbook of Heuristics (2017). Springer
Rafael Martí, Ángel Corberán, Juanjo Peiró
- Strategic oscillation for the capacitated hub location problem with modular links.
Ángel Corberán, Juanjo Peiró, Vicente Campos, Fred Glover, Rafael Martí
Journal of Heuristics 22(2):221–244 (2016). (*JCR Q2*)
- Scatter search for an uncapacitated p -hub median problem.
Rafael Martí, Ángel Corberán, Juanjo Peiró
Computers & Operations Research 58:53–66 (2015). (*JCR Q1*)
- GRASP for the uncapacitated r -allocation p -hub median problem.
Juanjo Peiró, Ángel Corberán, Rafael Martí
Computers & Operations Research 43(1):50–60 (2014). (*JCR Q1*)

2.3.2 In Public Health and other Life Sciences topics

- Associated factors with mycotoxin exposure in Spanish population.
Nuria Dasí-Navarro, Manuel Lozano, Sabrina Llop, Jesús Vioque, Juanjo Peiró, Ana Esplugues, Lara Manyes, Pilar Vila-Donat.
Environmental Research 242(1):117618 (2024)

- Clinical Characteristics of COVID-19 hospitalised patients associated with mortality: a cohort study in Spain.
Manuel Lozano, Adina Iftimi, Álvaro Briz-Redón, Juanjo Peiró, Lara Manyes, María Otero, Mayte Ballester, Dolores de las Marinas, Juan Carlos Catalá, José de Andrés, Carolina Romero.
Infectious Medicine 1(2):81-87 (2022)
- Adherence to dietary treatment and clinical factors associated with anti-transglutaminase antibodies in celiac disease during the follow-up.
Marta Miró, Manuel Alonso, Manuel Lozano, Juanjo Peiró, Lara Manyes
Heliyon 7(4):e06642 (2021) (JCR Q2)
- Professional counseling in women with serious mental illness: achieving a shift toward a more effective contraceptive method.
Manuel Lozano, María A. Obiol, Juanjo Peiró, Adina Iftimi, José M. Ramada
Journal of Psychosomatic Obstetrics & Gynecology 42(3):221-227 (2021) (JCR Q2)
- Geographic conditioning in dietary, social and health patterns in elderly population with disabilities.
Manuel Lozano, Lara Manyes, Juanjo Peiró, Francisco Montes
Nutrition 57:17-23 (2019). (JCR Q2)
- Effect of cost on early removal of contraceptive implants: a prospective cohort study.
Manuel Lozano, María A. Obiol, Juanjo Peiró, José M. Ramada
European Journal of Contraception & Reproductive Health Care 24(1):24-29 (2019). (JCR Q3)
- Health, social, and environmental factors associated with appropriate nutritional intake for healthy aging.
Manuel Lozano, Lara Manyes, Juanjo Peiró, José M. Ramada
Topics in Clinical Nutrition 34(1):67-76 (2019). (JCR Q4)
- Nutrients associated with an active and healthy aging: a new assessed HADI index for elderly population.
Manuel Lozano, Lara Manyes, Juanjo Peiró, José M. Ramada
Nutrición Hospitalaria 35(6):1287-1297 (2018). (JCR Q4)
- Strategic procedure in three stages for the selection of variables to obtain balanced results in public health research.
Manuel Lozano, Lara Manyes, Juanjo Peiró, Adina Iftimi, José M. Ramada
Reports in Public Health - Cadernos de Saúde Pública 34(7):e00174017 (2018). (JCR Q3)
- Dietary assessment of free-living elderly Spanish people with disabilities.
Manuel Lozano, José M. Ramada, Juanjo Peiró, Ana Frígola, María J. Esteve
Ecology of Food and Nutrition 56(4):277-296 (2017). (JCR Q4)

2.4 Submitted research papers

- Some new clique inequalities in four-index hub location models.
Mercedes Landete, Juanjo Peiró
Minor a revision in *European Journal of Operational Research* (JCR Q1)

- Improving public bus rapid transport systems with GRASP and Tabu Search.
Joaquín Pacheco, Antonio García de la Parra, Juanjo Peiró
Under review in *Journal of the Operational Research Society (JCR Q3)*
- Age-related chronic diseases impair the Mediterranean diet adherence.
Massimo Frangiamone, Manuel Lozano, Andréia Queiroz, Juanjo Peiró, Lara Manyes
Under review in *Journal of Nutrition Education and Behavior (JCR Q2)*

2.5 Editorial activities

2.5.1 Referee of

Computational Optimization and Applications (Springer), Computers & Industrial Engineering (Elsevier), Computers & Operations Research (Elsevier), European Journal of Operational Research (Elsevier), INFORMS Journal on Computing (Informs), International Transactions in Operational Research (Wiley), Journal of Heuristics (Springer), Networks (Wiley), RAIRO—Operations Research (edp Sciences), The Computer Science Journal (AGH University of Science and Technology of Krakow, Poland), Transportation Research Part B: Methodological (Elsevier), Transportation Research Part E: Logistics and Transportation Review (Elsevier), Transportation Science (Informs).

2.5.2 Advisorship

- Member of the Editorial Advisory Board of [Heliyon](#), since May 2018.

2.6 Conferences and university seminars

2.6.1 Contributions

- **25th International Symposium on Mathematical Programming - ISPM**
The weighted monitor placement problem: model and valid inequalities
Juan Francisco Correcher, Mercedes Landete, Juanjo Peiró, Hande Yaman
(forthcoming) Montréal, Canada - July 2024
- **25th International Symposium on Mathematical Programming - ISPM**
The weighted monitor placement problem: an exact algorithm
Juan Francisco Correcher, Mercedes Landete, Juanjo Peiró, Hande Yaman
(forthcoming) Montréal, Canada - July 2024
- **33th European Conference on Operational Research - EURO**
New insights in hub location models
Mercedes Landete, Juanjo Peiró
(forthcoming) Copenhagen, Denmark - July 2024
- **33th European Conference on Operational Research - EURO**
The Covering Arc Routing Problem
Mercedes Landete, Juanjo Peiró, Isaac Plana, José María Sanchís
(forthcoming) Copenhagen, Denmark - July 2024

- **International Symposium on Combinatorial Optimization- ISCO 2024**
New insights in hub location models
Mercedes Landete, Juanjo Peiró
(forthcoming) Tenerife, Spain - May 2024
- **XL Congreso Nacional de Estadística e Investigación Operativa - SEIO**
Preliminary results on an extension of the vertex cover problem
Juanfran Correcher, Mercedes Landete, Juanjo Peiró, and Hande Yaman
Elx, Spain - November 2023
- **XXVII EURO Working Group on Locational Analysis - EWGLA**
Heuristics for districting problems with probabilistic constraints
Antonio Diglio, Juanjo Peiró, Carmela Piccolo, Francisco Saldanha-da-Gama
Aveiro, Portugal - September 2022
- **Joint Conference of the European Chapter on Combinatorial Optimization - ECCO XXXV and the Biennial Symposia in Combinatorial Optimization - CO 2022**
Some formulations for the capacitated dispersion problem
Mercedes Landete, Juanjo Peiró, and Hande Yaman
St. Petersburg (online), Russia - June 2022
- **XI International Workshop on Locational Analysis and Related Problems - IWOLOCA**
Formulations for the capacitated dispersion problem
Mercedes Landete, Juanjo Peiró, and Hande Yaman
Elche, Spain - January 2022
- **XV International Symposium on Locational Decisions - ISOLDE 2021 and XXVI EURO Working Group on Locational Analysis - EWGLA**
Solutions for districting problems with chance-constrained balancing requirements
Antonio Diglio, Juanjo Peiró, Carmela Piccolo, Francisco Saldanha-da-Gama
Wuppertal (online), Germany - July 2021
- **Invited seminar at Instituto de Matemáticas de la Universidad de Sevilla - IMUS**
Some formulations and valid inequalities for the capacitated dispersion problem
Mercedes Landete, Juanjo Peiró, and Hande Yaman
Universidad de Sevilla. Sevilla, Spain - January 2021
- **Network Optimization Workshop - NOW 2020**
Model comparisons for the capacitated dispersion problem
Mercedes Landete, Juanjo Peiró, and Hande Yaman
Lecce, Italy - June 2020 (cancelled due to COVID-19 pandemic)
- **X International Workshop on Locational Analysis and Related Problems - IWOLOCA**
The facility location problem with capacity transfers
Ángel Corberán, Mercedes Landete, Juanjo Peiró, and Francisco Saldanha
Sevilla, Spain - January 2020

- **XXXVIII Congreso Nacional de Estadística e Investigación Operativa - SEIO**
New valid inequalities for a broad class of p-hub location problems
Ángel Corberán, Mercedes Landete, Juanjo Peiró, and Francisco Saldanha-da-Gama
Alcoi, Spain - September 2019
- **30th European Conference on Operational Research - EURO**
Heuristic solutions for a class of stochastic uncapacitated p-hub median problems
Ángel Corberán, Rafael Martí, Juanjo Peiró, and Francisco Saldanha
Dublin, Ireland - July 2019
- **XXV EURO Working Group on Locational Analysis - EWGLA**
Rationalizing capacities in facility location
Ángel Corberán, Mercedes Landete, Juanjo Peiró, and Francisco Saldanha
Brussels, Belgium - June 2019
- **XXV EURO Working Group on Locational Analysis - EWGLA**
A heuristic procedure for the stochastic uncapacitated r-allocation p-hub median problem with nonstop services
Ángel Corberán, Rafael Martí, Juanjo Peiró, and Francisco Saldanha
Brussels, Belgium - June 2019
- **IX International Workshop on Locational Analysis and Related Problems - IWOLOCA**
Rationalizing capacities in the facility location problem
Ángel Corberán, Mercedes Landete, Juanjo Peiró, and Francisco Saldanha
Cádiz, Spain - January 2019
- **29th European Conference on Operational Research - EURO**
Heuristics for the min-max arc crossing problem in graphs
Vicente Campos, Arild Hoff, Rafael Martí, and Juanjo Peiró
València, Spain - July 2018
- **29th European Conference on Operational Research - EURO**
Tabu search methodology for the hub location problem with modular links
Ángel Corberán, Fred Glover, Rafael Martí, and Juanjo Peiró
València, Spain - July 2018
- **24th International Conference on Soft Computing - Mendel**
Arc cross-minimization problem in graphs
Vicente Campos, Arild Hoff, Rafael Martí, and Juanjo Peiró
Brno, Czech Republic - June 2018
- **EURO mini-conference on Logistics Analytics**
Heuristics for the Capacitated Modular Hub Location Problem
Ángel Corberán, Arild Hoff, Rafael Martí, and Juanjo Peiró
Minsk, Belarus - June 2018
- **XXXVII Congreso Nacional de Estadística e Investigación Operativa - SEIO**
Heuristics for a capacitated version of the hub location problem
Ángel Corberán, Rafael Martí, and Juanjo Peiró
Asturias, Spain - May 2018

- **XXIV EURO Working Group on Locational Analysis - EWGLA**
VND for the Capacitated Dispersion Problem
Iris Jiménez, José Laguardia, Rafael Martí, and Juanjo Peiró
Edinburg, United Kingdom - May 2018
- **XXIV EURO Working Group on Locational Analysis - EWGLA**
New valid inequalities for a broad class of p-hub location problems
Ángel Corberán, Mercedes Landete, Juanjo Peiró, and Francisco Saldanha-da-Gama
Edinburg, United Kingdom - May 2018
- **Workshop on Real Life Optimization - WORLO III**
Problemas de localización de concentradores.
Ángel Corberán, Rafael Martí, and Juanjo Peiró
València, Spain - January 2018
- **INFORMS Annual Meeting**
Heuristic solutions for a class of stochastic uncapacitated p-hub median problems.
Ángel Corberán, Rafael Martí, Juanjo Peiró, and Francisco Saldanha
Houston, USA - November 2017
- **1st Spanish Young Statisticians and Operational Researchers Meeting - SYSORM**
Invited talk: New valid inequalities for a class of hub location problems.
Ángel Corberán, Mercedes Landete, Juanjo Peiró, and Francisco Saldanha
Granada, Spain - November 2017
- **VIII International Workshop on Locational Analysis and Related Problems - IWOLOCA**
Heuristic algorithm and models for the stochastic uncapacitated r-allocation p-hub median problem. Some managerial insights.
Ángel Corberán, Rafael Martí, Juanjo Peiró, and Francisco Saldanha
Segovia, Spain - September 2017
- **IV Congreso de Jóvenes Investigadores de la Real Sociedad Matemática Española - RSME**
Nuevas formulaciones para una variante del problema de localización de concentradores.
Ángel Corberán, Mercedes Landete, Juanjo Peiró, and Francisco Saldanha
Universitat de València. Valencia, Spain - September 2017
- **21th Conference of the International Federation of Operational Research Societies - IFORS**
A heuristic algorithm for the stochastic uncapacitated r-allocation p-hub median problem.
Ángel Corberán, Rafael Martí, Juanjo Peiró, and Francisco Saldanha
Quebec International Convention Center. Quebec City, Canada - July 2017
- **XIV International Symposium on Locational Decisions - ISOLDE**
A heuristic algorithm for the stochastic uncapacitated r-allocation p-hub median problem.
Ángel Corberán, Rafael Martí, Juanjo Peiró, and Francisco Saldanha
Rotman School of Management, University of Toronto. Toronto, Canada - July 2017
- **International Network Optimization Conference 2017 - INOC**
The stochastic uncapacitated r-allocation p-hub median problem: modelling framework and heuristic solutions.

Ángel Corberán, Rafael Martí, Juanjo Peiró, and Francisco Saldanha
Universidade de Lisboa. Lisboa, Portugal - February 2017

- **Workshop on Urban Operations Research 2016**
Invited talk: The stochastic uncapacitated r-allocation p-hub median problem: modelling framework and heuristic solutions.
Ángel Corberán, Rafael Martí, Juanjo Peiró, and Francisco Saldanha
Nanzan University. Nagoya, Japan - December 2016
- **XXIII EURO Working Group on Locational Analysis - EWGLA
VII International Workshop on Locational Analysis and Related Problems**
Heuristic solutions for the stochastic uncapacitated r-allocation p-hub median problem with non-stop services
Ángel Corberán, Rafael Martí, Juanjo Peiró, and Francisco Saldanha
Universidad de Málaga. Málaga, Spain - September 2016
- **XXIII EURO Working Group on Locational Analysis - EWGLA
VII International Workshop on Locational Analysis and Related Problems**
Adaptive memory programming for the hub location problem with modular links
Ángel Corberán, Arild Hoff, Rafael Martí, and Juanjo Peiró
Universidad de Málaga. Málaga, Spain - September 2016
- **Invited seminar in Høgskolen i Molde**
Heuristic optimization in hub networks
Juanjo Peiró
Høgskolen i Molde (Molde University College). Molde, Norway - September 2016
- **28th European Conference on Operational Research - EURO**
Models and solution methods for the uncapacitated r-allocation p-hub center problem
Ángel Corberán, Manuel Laguna, Rafael Martí, and Juanjo Peiró
Poznan, Poland - July 2016
- **VI International Workshop on Locational Analysis and Related Problems - IWOLOCA**
Strategic oscillation for the capacitated single assignment hub location problem with modular link capacities
Ángel Corberán, Fred Glover, Rafael Martí, and Juanjo Peiró
Universitat Politècnica de Catalunya. Barcelona, Spain - November 2015
- **Combinatorial Optimization, Routing and Location Conference – CORAL**
Quality of service offered when solving the uncapacitated r-allocation p-hub median problem
Ángel Corberán, Manuel Laguna, Rafael Martí, and Juanjo Peiró
Universidad de Salamanca. Salamanca, Spain - October 2015
- **X Spanish Conference of Metaheuristics and Bioinspired Evolutionary Algorithms, “Metaheurísticas, Algoritmos Evolutivos y Bioinspirados” – MAEB**
Búsqueda dispersa para un problema de localización de concentradores
Ángel Corberán, Rafael Martí, and Juanjo Peiró
Universidad de Extremadura. Mérida, Spain - February 2015

- **V International Workshop on Locational Analysis and Related Problems - IWOLOCA**
Scatter search and Path relinking for the uncapacitated r-allocation p-hub median problem
Ángel Corberán, Rafael Martí, and Juanjo Peiró
Universidad de Sevilla. Sevilla, Spain - October 2014
- **XVII Latin-Iberian-American Summer School of Operations Research “Escuela Latino-Iberoamericana de Verano en Investigación Operativa” – ELAVIO 2013**
Un algoritmo GRASP para el uncapacitated r-allocation p-hub median problem
Ángel Corberán, Rafael Martí, and Juanjo Peiró
Universidad Politécnica de Valencia. València, Spain - September 2013
- **IX Spanish Conference of Metaheuristics and Bioinspired Evolutionary Algorithms “Metaheurísticas, Algoritmos Evolutivos y Bioinspirados” – MAEB**
Congreso Español de Informática CEDI 2013, Sociedad Científica Informática de España
Un algoritmo GRASP para el uncapacitated r-allocation p-hub median problem
Ángel Corberán, Rafael Martí, and Juanjo Peiró
Madrid, Spain - September 2013
- **Mini Conference XXVIII on Variable Neighborhood Search – EUROMC VNS**
Association of European Operational Research Societies
VND for the uncapacitated r-allocation p-hub median problem.
Ángel Corberán, Rafael Martí, and Juanjo Peiró
Herceg Novi, Montenegro - October 2012
- **Combinatorial Optimization, Routing and Location Conference – CORAL**
GRASP for the uncapacitated r-allocation p-hub median problem.
Ángel Corberán, Rafael Martí, and Juanjo Peiró
Universitat de València. Benicàssim, Spain - May 2012

2.6.2 Attendance

- **VIII Spanish Conference of Metaheuristics and Bioinspired Evolutionary Algorithms “Metaheurísticas, Algoritmos Evolutivos y Bioinspirados” – MAEB**
Universidad de Castilla – La Mancha. Albacete, Spain - February 2012
- **2nd Workshop on Implantation of Production Management System – WIPMAS**
Universidad Politécnica de Valencia. València, Spain - October 2011
- **9th Metaheuristics International Conference – MIC**
Università Degli Studi di Udine. Udine, Italy - July 2011

2.6.3 Organization

- **XXXVII Congreso Nacional de Estadística e Investigación Operativa - SEIO**
Coordination of the Heuristic Optimization stream
Asturias, Spain - May 2018
- **8th International Workshop on Spatio-Temporal Modelling - METMA VIII**
Member of the organizing committee
València, Spain - June 2016

2.6.4 Referee of

- MAEB 2018 Conference
- MIC/MAEB 2017 Conference
- MAEB 2016 Conference

2.7 Research visits

Lunds Universitet (Sweden)

January 2022 - February 2023 (40 days), April 2023 - May 2023 (30 days), Department of Industrial Management and Logistics, Faculty of Engineering (LTH), in collaboration with by Dr. Johan Marklund.

November 2020 (15 days), Division of Occupational and Environmental Medicine, supervised by Dr. Karin Broberg.

KU Leuven (Belgium)

September 2019 (4 days), Research Centre for Operations Research and Business Statistics-ORSTAT, Faculty of Economics and Business, in collaboration with Dr. Hande Yaman.

Universidade de Lisboa (Portugal)

February 2020 - July 2020 (180 days), May 2019 (15 days), January 2019 (7 days), June 2017 (7 days), September 2015 - December 2015 (120 days). Departamento de Estatística e Investigação Operacional, Faculdade de Ciências-Centro de Matemática, Aplicações Fundamentais e Investigação Operacional, supervised by Dr. Francisco Saldanha-da-Gama.

Karlsruher Institut für Technologie (Germany)

May 2018 - August 2018 (122 days), Department of Discrete Optimization and Logistics-Institute of Operations Research, supervised by Dr. Stefan Nickel.

Universidad de Burgos (Spain)

April 2017 - July 2017 (120 days), Department of Applied Economy, Faculty of Business Administration and Economics, supervised by Dr. Joaquín Pacheco.

Liverpool John Moores University (United Kingdom)

January 2017 - March 2017 (65 days), Logistics, Offshore, and Marine Research Institute, Faculty of Engineering and Technology.

Universidad Miguel Hernández de Elche (Spain)

February 2023 (2 days), December 2022 (2 days), October 2020 (2 days), January 2020 (5 days), November 2019 (4 days), September 2019 (2 days), September 2016 - November 2016 (60 days). Departamento de Estadística, Matemáticas e Informática-Centro de Investigación Operativa, supervised by Dr. Mercedes Landete.

Høgskolen i Molde (Norway)

September 2016 - September 2016 (7 days), supervised by Dr. Arild Hoff.

University of Colorado at Boulder (United States of America)

May 2015 - June 2015 (30 days), Leeds School of Business, supervised by Dr. Manuel Laguna.

2.8 Grants

‘José Castillejo’ Young Researchers Fellowship for Research Visits – Ministerio de Educación y Formación Profesional de España

16,200EUR. Reference: CAS19/00076

Short-Term Research Visit Fellowship – Generalitat Valenciana

6,600EUR. Reference: BEST/2018/198

Short-Term Research Visit Fellowship – Ministerio de Economía y Competitividad de España

1,650EUR. Reference: EEBB-I-2016-11254

4,440EUR. Reference: EEBB-I-2015-09778

Ph.D Fellowship – Ministerio de Economía y Competitividad de España

80,000EUR. Reference: BES-2013-064245

2.9 Participation in research projects

2.9.1 Reseach projects

Advanced Optimization in Logistics (CIGE/2022/57)

January 2023 – December 2024

Funded by Generalitat Valenciana

Leading researcher

New Trends in Combinatorial Optimization for Resource and Data Management (PID2021-122344NB-I00)

Septiembre 2022 – August 2026

Funded by Ministerio de Ciencia, Innovación y Universidades of Spain

Leading researcher: Mercedes Landete (Universitat Miguel Hernández de Elche) and Isaac Plana (Universitat de València)

Researcher

Exposición a micotoxinas asociada a la calidad de productos agroalimentarios en la provincia de València (GV/2021/111)

January 2021 – December 2022

Funded by Generalitat Valenciana

Leading researcher: Manuel Lozano (Universitat de València)

Researcher

Analysis of problems related to vehicle routing and location of services: ARPRU-LOC (PGC2018-099428-B-I00)

January 2019 – August 2022

Funded by Ministerio de Ciencia, Innovación y Universidades of Spain

Leading researcher: José María Sanchís (Universitat Politècnica de València)

Researcher

Combinatorial Optimization II: Methods and Strategies (TIN2015-65460-C02-01-P)

January 2016 – December 2018

Funded by Ministerio de Economía y Competitividad of Spain
Leading researcher: Rafael Martí Cunqueiro (Universitat de València)
Researcher at the working group

Combinatorial Optimization: Models and Applications (TIN2012-35632-C02-01)

April 2014 – December 2015
Funded by Ministerio de Economía y Competitividad of Spain
Leading researcher: Rafael Martí Cunqueiro (Universitat de València)
Researcher

Models and Methods of Mathematical Programming and its Applications: OPTI-MOS 3 (MTM2012-36163-C06-02)

March 2013 – March 2014
Funded by Ministerio de Economía y Competitividad of Spain
Leading researcher: Enrique Benavent López (Universitat de València)
Researcher

Complex Process Optimization II (TIN2009-07516)

January 2012 – December 2012
Funded by Ministerio de Economía y Competitividad of Spain
Leading researcher: Rafael Martí Cunqueiro (Universitat de València)
Researcher

2.9.2 Thematic networks

Thematic Network on Location problems (RED2022-134149-T)

January 2023 – December 2024
Funded by Ministerio de Ciencia, Innovación y Universidades of Spain
Coordinator: Víctor Blanco
Member

Thematic Network on Location problems (MTM2018-102363-REDT)

July 2019 – June 2022
Funded by Ministerio de Ciencia, Innovación y Universidades of Spain
Coordinator: Mari Albareda Sambola
Member

Thematic Network on Location problems (MTM2016-81874-REDT)

July 2017 – June 2019
Funded by Ministerio de Economía y Competitividad of Spain
Coordinator: Antonio Rodríguez Chía
Member

Thematic Network on Location problems (MTM2014-53828-REDT)

December 2014 – November 2016
Funded by Ministerio de Economía y Competitividad of Spain
Coordinator: Antonio Rodríguez Chía
Member

Thematic Network on Location problems (MTM2010-12053-E)

May 2014 – December 2014
Funded by Ministerio de Economía y Competitividad of Spain

Coordinator: Dolores R. Santos Peñate
Member

2.10 Professional associations

- SEIO – Spanish Society of Statistics and Operations Research – Sociedad Española de Estadística e Investigación Operativa
November 2017 – present
- EWGLA – EURO working group of Locational Analysis
September 2015 – present
- EWGSO – EURO working group on Stochastic Optimization
September 2015 – present
- AEPIA – Spanish Society of Artificial Intelligence – Asociación Española para la Inteligencia Artificial
September 2013 – September 2015

2.11 Further education received

- *EURO PhD School on Routing and Logistics*
June 2015 - July 2015 (two weeks)
Department of Economics and Management of the University of Brescia. Brescia, Italy
Received scholarship by VeRoLog (*EURO* working group on Vehicle Routing and Logistics Optimization).
- *Advanced strategies in metaheuristic algorithms: Tabu search, scatter search and path-relinking*
November 2011 (10 hours)
European Centre of Soft Computing. Asturias, Spain
- *Introduction to the Linux operating system and the Free Software*
September 2011 (20 hours)
Espacio de formación La Nau dels Estudiants de la Universitat de València. València, Spain
- *Introduction to the generation of scientific texts with LaTeX*
September 2011 (20 hours)
Espacio de formación La Nau dels Estudiants de la Universitat de València. València, Spain

2.11.1 Others

- Member of the “Ethics committee for experimentation and animal Welfare” (Comitè Ètic d’Experimentació i Benestar Animal) of Universitat de València.
January 2021 – present.