

Paulo Leitao

Paulo Leitao received the Habilitation in Informatics Engineering in 2018 by University of Porto, and the PhD, Master and Bachelor degrees in Electrical and Computer Engineering by Faculty of Engineering of University of Porto in 2004, 1997 and 1993, respectively. From 1993 to 1999 he developed research activities at the CIM Centre of Porto, from 1999 to 2000 at IDIT - Institute for Development and Innovation in Technology, from 2009 to 2017 at LIACC - Artificial Intelligence and Computer Science Laboratory, and since 2018 at CeDRI - Research Centre in Digitalization and Intelligent Robotics, where he is its scientific coordinator. He joined the Instituto Politécnico de Bragança, Portugal, in 1995, where he is Full Professor at the Department of Electrical Engineering. He served as Head of the Department of Electrical Engineering from 2009 to 2015, Vice-President of Directive Board of School of Technology and Management from 2004 to 2009, President of the Pedagogical Council of School of Technology and Management during 2000 and Vice-President of Scientific Council of School of Technology and Management from 2001 to 2004. His research interests are in the field of intelligent and reconfigurable systems, cyber-physical systems, multi-agent systems, digital twin, Internet of Things, factory automation and holonic systems. He participate / has participated in several national and international research projects (e.g., EU HEurope openZDM Open Platform for Realizing Zero Defects in Cyber Physical Manufacturing, EU H2020 FIT4FoF - Making our Workforce Fit for the Factory of the Future, EU H2020 GOOD MAN - aGent Oriented Zero Defect Multi-stage mANufacturing, EU H2020 PERFoRM - Production harmonizEd Reconfiguration of Flexible Robots and Machinery, EU FP7 ARUM - Adaptive Production Management, EU FP7 GRACE - InteGration of pRocess and quAlity Control using multi-agEnt technology, EU DEDEMAs - Decentralized Decision Making and Scheduling, EU MOSCOT - A Modular Shop Control Toolkit for Flexible Manufacturing, EU PASO - Paradigm Independent Shop Control for Smaller Manufacturing Sites, and EU CCP - CIM Centre of Porto), and Networks of Excellence (e.g. IMS - Intelligent Manufacturing Systems, and CONET - Cooperating Objects Network of Excellence). He is member of the International Program Committee (IPC) of several scientific events, and served as general co-chair of several international conferences, namely IFAC IMS'10, HoloMAS'11, IEEE ICARSC'16, SOHOMA'16 and IEEE INDIN'18. He has published 8 books and more than 350 papers in high-ranked international scientific journals and conference proceedings (per-review). He is co-author of three patents and received ten paper awards at INCOM'06, BASYS'06, IEEE INDIN'10, INFOCOMP'13, PAAMS'19, INDIN'21, ICPS'21, Blockchain'20 conferences. Dr. Leitão is Senior member of the IEEE Industrial Electronics Society (IES) and Systems, Man and Cybernetics Society (SMCS), Chair of the IEEE IES Technical Committee on Industrial Agents and member at-large of the IEEE IES Administrative Committee (AdCom). He was also chair of established IEEE 2660.1-2020 standard.

Identification

Personal identification

Full name
Paulo Leitao

Gender
Male

Birth date
1969/05/05

Citation names

Leitao, Paulo

Author identifiers

Ciência ID
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 Rua Vale Chorado, n. 181, 5300-389 Bragança, Bragança, Portugal (Personal)

Websites

www.ipb.pt/~pleitao (Professional)

Knowledge fields

Engineering and Technology - Electrotechnical Engineering, Electronics and Informatics - Automation and Control Systems
 Engineering and Technology - Electrotechnical Engineering, Electronics and Informatics - Robotics and Automatic Control
 Engineering and Technology - Electrotechnical Engineering, Electronics and Informatics - Electrical and Electronic Engineering
 Exact Sciences - Computer and Information Sciences - Computer Sciences

Languages

Language	Speaking	Reading	Writing	Listening	Peer-review
English	Advanced (C1)	Advanced (C1)	Advanced (C1)	Advanced (C1)	
Spanish; Castilian	Intermediate (B1)	Advanced (C1)	Intermediate (B1)	Intermediate (B1)	
French	Beginner (A1)	Intermediate (B1)	Beginner (A1)	Beginner (A1)	

Education

Degree

Classification

2018/10/03 Concluded	Engenharia Informática (Título de Agregado) Major in Engenharia Informática Universidade do Porto Faculdade de Engenharia, Portugal	Approved
2004 Concluded	Engenharia Electrotécnica e de Computadores (Doutoramento) Universidade do Porto Faculdade de Engenharia, Portugal <i>"An Agile and Adaptive Holonic Architecture for Manufacturing Control" (THESIS/DISSERTATION)</i>	Aprovado por Unanimidade
1997 Concluded	Engenharia Electrotécnica e de Computadores (Mestrado) Universidade do Porto Faculdade de Engenharia, Portugal <i>"Modelização, Concepção e Implementação de um Controlador de Célula de Fabrico Flexível" (THESIS/DISSERTATION)</i>	Muito Bom
1993 Concluded	Engenharia Electrotécnica e de Computadores (Licenciatura) Universidade do Porto Faculdade de Engenharia, Portugal <i>"" (THESIS/DISSERTATION)</i>	14

Affiliation

Science

	Category Host institution/organization	Employer
2021 - Current	Researcher (Research) Instituto Politécnico de Bragança Laboratório Associado para a Sustentabilidade e Tecnologia em Regiões do Interior, Portugal	Instituto Politécnico de Bragança Laboratório Associado para a Sustentabilidade e Tecnologia em Regiões do Interior, Portugal
2018/01/01 - Current	Researcher (Research) Instituto Politécnico de Bragança Centro de Investigação em Digitalização e Robótica Inteligente, Portugal	Instituto Politécnico de Bragança Centro de Investigação em Digitalização e Robótica Inteligente, Portugal

2009/12/01 - 2017/12/31	Researcher (Research)	Universidade do Porto Laboratório de Inteligência Artificial e Ciência de Computadores, Portugal
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1993/10/01 - 1999/07/01	Researcher (Research)	Universidade do Porto, Portugal
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Teaching in Higher Education

Category Host institution/organization	Employer
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2020/10/02 - Current	Main Coordinator Teacher (Polytechnic Teacher) Instituto Politécnico de Bragança, Portugal	Instituto Politécnico de Bragança, Portugal
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2022/03/01 - 2022/07/31	Invited Associate Professor (University Teacher) Hochschule Emden/Leer, Germany	Hochschule Emden/Leer, Germany
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2007/02/01 - 2020/10/01	Teacher Coordinator (Polytechnic Teacher)	Instituto Politécnico de Bragança, Portugal
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2014/06/09 - 2014/07/04	Visiting Professor (University Teacher)	Université de Valenciennes et du Hainaut-Cambrésis Institut Universitaire de Technologie de Valenciennes, France
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2012/06/01 - 2012/07/01	Visiting Professor (University Teacher)	Université de Valenciennes et du Hainaut-Cambrésis Institut Universitaire de Technologie de Valenciennes, France
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2011/06/01 - 2011/07/01	Visiting Professor (University Teacher)	Université de Valenciennes et du Hainaut-Cambrésis Institut Universitaire de Technologie de Valenciennes, France
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1999/05 - 2007/02	Adjunct Teacher (Polytechnic Teacher)	Instituto Politécnico de Bragança, Portugal
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1998/11 - 1999/05	Assistant (Polytechnic Teacher)	Instituto Politécnico de Bragança, Portugal
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1995/11 - 1998/11	Assistant (Polytechnic Teacher)	Instituto Politécnico de Bragança, Portugal
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Positions / Appointments

	Category Host institution/organization	Employer
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2021 - Current	Vice-director Instituto Politécnico de Bragança Laboratório Associado para a Sustentabilidade e Tecnologia em Regiões do Interior, Portugal	Instituto Politécnico de Bragança Laboratório Associado para a Sustentabilidade e Tecnologia em Regiões do Interior, Portugal
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2018/01/01 - Current	Scientific coordinator Instituto Politécnico de Bragança Centro de Investigação em Digitalização e Robótica Inteligente, Portugal	Instituto Politécnico de Bragança Centro de Investigação em Digitalização e Robótica Inteligente, Portugal
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2017/12 - Current	Conselho científico/técnico-científico ou órgão correspondente	Instituto Politécnico de Bragança, Portugal
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2009 - Current	Conselho científico/técnico-científico ou órgão correspondente	Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
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2009/07 - 2015/09	Coordenação de Departamento de Eletrotecnia	Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
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2004/03/24 - 2009/06/30	Organic Unit Sub-director Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal	Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
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2001/01 - 2004/10	Vice- President of Scientific council Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal	Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
1999/12 - 2000/12	President of the Pedagogic Council Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal	Instituto Politécnico de Bragança, Portugal

Others

	Category Host institution/organization	Employer
2016/04/01 - 2017/12/31	Member of the Directive Board	Universidade do Porto Laboratório de Inteligência Artificial e Ciência de Computadores, Portugal

Projects

Contract

	Designation	Funders
2022/10 - Current	Produtech R3 (Recuperação, Resiliência, Reindustrialização) - Agenda Mobilizadora da Fileira das Tecnologias de Produção para a Reindustrialização	Portugal 2020, Portugal
	Researcher	Ongoing
2020/04/01 - Current	NanoStim - Nanomaterials for wearable-based integrated biostimulation 45908	Portugal 2020, Portugal
	Principal investigator Instituto Politécnico de Bragança, Portugal	Concluded
2021/01/01 - 2025/12/31	Associate Laboratory for Sustainability and Tecnology in Mountain Regions LA/P/0007/2020	Fundação para a Ciência e a Tecnologia, Portugal
	Instituto Politécnico de Bragança, Portugal Instituto Politécnico de Bragança Centro de Investigação de Montanha, Portugal	Ongoing

2022/06/01 - 2025/12/30	openZDM - Open Platform for Realizing Zero Defects in Cyber Physical Manufacturing 101058673 Principal investigator Instituto Politécnico de Bragança Centro de Investigação em Digitalização e Robótica Inteligente, Portugal	Horizon 2020, Belgium Ongoing
2020/10/01 - 2023/09/30	GreenHealth - Digital and biological asset-based strategies to improve well-being and promote green health NORTE-01-0145-FEDER-000042 Principal investigator Instituto Politécnico de Bragança Centro de Investigação em Digitalização e Robótica Inteligente, Portugal	Portugal 2020, Portugal Concluded
2021/06/01 - 2023/06/30	Nanomateriais aplicados na reabilitação muscular de IDosos com recurso à Inteligência Artificial NORTE-01-0247- FEDER-046985 Researcher Instituto Politécnico de Bragança Centro de Investigação em Digitalização e Robótica Inteligente, Portugal	Concluded
2020/07/01 - 2023/06/30	BIOMA - Integrated BIOeconomy Solutions for the Mobilization of the Agro-Food Chain Principal investigator Instituto Politécnico de Bragança, Portugal	Autoridade de Gestão do Programa Operacional Competitividade e Internacionalização, Portugal Concluded
2019/07/01 - 2021/12/31	DISRUPTIVE - Dinamización de los Digital Innovation Hubs dentro de la región PocTep para el impulso de las TIC disruptivas y de última generación a través de la cooperación en la región transfronteriza (POCTEP) DISRUPTIVE Principal investigator Instituto Politécnico de Bragança Centro de Investigação em Digitalização e Robótica Inteligente, Portugal	Concluded
2018/10/01 - 2021/09/30	FiT4FoF - Making our Workforce Fit for the Factory of the Future FIT4FoF Principal investigator Instituto Politécnico de Bragança, Portugal	Horizon Europe Excellent Science, Belgium Concluded
2018/10/01 - 2021/09/30	On-Surf - Mobilizar competências tecnológicas em Engenharia de Superfícies On-Surf Principal investigator Instituto Politécnico de Bragança, Portugal	Portugal 2020, Portugal Concluded

2019/01/01 - 2019/12/31	LABORATÓRIO DE INTELIGÊNCIA ARTIFICIAL E CIÊNCIA DE COMPUTADORES UID/CEC/00027/2019 Universidade do Porto, Portugal Universidade do Porto Faculdade de Engenharia, Portugal Universidade do Porto Laboratório de Inteligência Artificial e Ciência de Computadores, Portugal	Fundação para a Ciência e a Tecnologia, Portugal Concluded
2018/05/01 - 2019/10/31	Smart Parking SmartParking Principal investigator Instituto Politécnico de Bragança, Portugal	Instituto Politécnico de Bragança, Portugal Universidade Tecnológica Federal do Paraná, Brazil Concluded
2016/10 - 2019/09	GOOD MAN ("aGent Oriented Zero Defect Multi-stage mANufacturing") GOODMAN Principal investigator Instituto Politécnico de Bragança, Portugal	European Commission, Belgium Horizon 2020, Belgium Concluded
2016/09 - 2019/09	DA.RE ("Data Science Pathways to re-imagine education") DA.RE Principal investigator Instituto Politécnico de Bragança, Portugal	Erasmus Plus, Belgium Concluded
2017/07 - 2019/06	I4.0@TMAD ("Promoção da Indústria 4.0 na Região de Trás-os-Montes e Alto Douro") I40@TMAD Principal investigator Instituto Politécnico de Bragança, Portugal	NORTE 2020, Portugal Concluded
2017/10 - 2019/03	Maintenance 4.0 ("Intelligent and Predictive Maintenance in Manufacturing Systems") Maintenance 4.0 Principal investigator Instituto Politécnico de Bragança, Portugal	Fundação para a Ciência e a Tecnologia, Portugal Concluded
2015/10 - 2018/09	PERFoRM ("Production harmonizEd Reconfiguration of Flexible Robots and Machinery") PERFoRM Principal investigator Instituto Politécnico de Bragança, Portugal	European Commission, Belgium Horizon 2020, Belgium Concluded

2012/10 - 2015/09	ARUM (Adaptive Production Management) ARUM Principal investigator Instituto Politécnico de Bragança, Portugal	European Commission Seventh Framework Programme for Research and Technological Development, Belgium Concluded
2012 - 2014	Separações Quirais Multicomponente em Processos de Leito Móvel Simulado PTDC/EQU-EQU/119025/2010 Researcher Instituto Politécnico de Bragança, Portugal	Fundação para a Ciência e a Tecnologia, Portugal Concluded
2011/01/01 - 2013/12/31	Projecto Estratégico - UI 27 - 2011-2012 PEst-OE/EEI/UI0027/2011 Universidade do Porto, Portugal Universidade do Porto Laboratório de Inteligência Artificial e Ciência de Computadores, Portugal	Fundação para a Ciência e a Tecnologia, Portugal Concluded
2010/07 - 2013/06	GRACE (Integration of Process and Quality Control Using Multi-agent Technology) GRACE Principal investigator Instituto Politécnico de Bragança, Portugal	European Commission Seventh Framework Programme for Research and Technological Development, Belgium Concluded
2008 - 2013	CONET - Cooperating Objects Network of Excellence INFISO-ICT-224053 Researcher	European Commission, Belgium Concluded
2006/10 - 2010/09	Mechanisms and Tools for Orchestration and Choreography on Service Oriented Architectures Continuum Researcher Instituto Politécnico de Bragança, Portugal	Schneider Electric SE, France Concluded
2005/06/15 - 2008/06/14	Design of Simulated Moving Bed Related Techniques for the Separation of High Added Value Products POCI/EQU/59738/2004 Researcher Universidade do Porto Laboratório de Processos de Separação e Reacção Laboratório de Catálise e Materiais, Portugal Instituto Politécnico de Bragança, Portugal	Fundação para a Ciência e a Tecnologia, Portugal Concluded

2005 - 2007	Design de Processos em Leite Móvel Simulado para a Separação de Produtos de Elevado Valor Acrescentado POCTI/EQU/59738/2004 Researcher Instituto Politécnico de Bragança, Portugal	Fundação para a Ciência e a Tecnologia, Portugal Concluded
2005 - 2007	Electronic Institution providing Automatic Contracting for Virtual Organizations POSC/EIA/57672/2004 Researcher Instituto Politécnico de Bragança, Portugal	Fundação para a Ciência e a Tecnologia, Portugal Concluded
2003 - 2005	IMS-NoE (Intelligent Manufacturing Systems - Network of Excellence) IMS-NoE Researcher Universidade do Porto, Portugal	European Commission, Belgium
1999 - 2001	Comme Agathe - Communication Multi-Agents pour L' Atelier Comme Agathe Researcher	Fundação para a Ciência e a Tecnologia, Portugal Concluded
1998/01 - 2000/06	DEDEMAS ("Decentralized Decision Making and Scheduling") DEDEMAS Researcher Universidade do Porto, Portugal	European Commission, Belgium Concluded
1997/09 - 2000/06	MOSCOT (A Modular Shop Control Toolkit for Flexible Manufacturing) MOSCOT Researcher Universidade do Porto, Portugal	European Commission, Belgium Concluded
1996/01 - 1997/06	PASO (Paradigm Independent Shop Control for Smaller Manufacturing Sites) PASO Researcher Universidade do Porto, Portugal	European Commission, Belgium Concluded
1993/09 - 1995/10	CIM Centre of Porto CCP Researcher Universidade do Porto, Portugal	European Commission, Belgium Concluded

Outputs

Publications

- | | | |
|------|----|---|
| Book | 1 | Borangiu, Theodor; Trentesaux, Damien; Leitão, Paulo; Cardin, Olivier; Joblot, Laurent. <i>Service Oriented, Holonic and Multi-agent Manufacturing Systems for Industry of the Future: Proceedings of SOHOMA 2021</i> . Springer. 2022.
10.1007/978-3-030-99108-1 |
| | 2 | Prieto, Javier; Partida, Alberto; Leitão, Paulo; Pinto, António. <i>Blockchain and applications: 3rd International Congress</i> . Springer. 2022.
10.1007/978-3-030-86162-9 |
| | 3 | Leitao, Paulo. <i>Service Oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future</i> . Springer International Publishing. 2021.
10.1007/978-3-030-69373-2 |
| | 4 | Trentesaux, D.; Borangiu, Theodor; Leitão, Paulo; Jimenez, J.F.; Montoya-Torres, J.R.. <i>Service Oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future: proceedings of SOHOMA LATIN AMERICA 2021</i> . Springer. 2021.
10.1007/978-3-030-80906-5 |
| | 5 | Leitao, Paulo. <i>Service Oriented, Holonic and Multi-agent Manufacturing Systems for Industry of the Future</i> . Springer International Publishing. 2020.
10.1007/978-3-030-27477-1 |
| | 6 | Borangiu, T.; Trentesaux, D.; Thomas, A.; Leitão, P.; Oliveira, J.B.. <i>Digital transformation in service and computing oriented manufacturing</i> . 2017.
10.1007/978-3-319-51100-9_1 |
| | 7 | Borangiu, Theodor (Ed.); Trentesaux, Damien (Ed.); Thomas, André (Ed.); Leitão, Paulo; Oliveira, José Barata (Ed.). <i>Service orientation in holonic and multi-agent manufacturing: proceedings of SOHOMA 2016</i> . Springer Verlag. 2017.
10.1007/978-3-319-51100-9 |
| | 8 | Leitão, P.; Karnouskos, S.. <i>Industrial Agents: Emerging Applications of Software Agents in Industry</i> . 2015.
10.1016/C2013-0-15269-5 |
| | 9 | Marík, V.; Vrba, P.; Leitão, P.. <i>Preface</i> . 2011. |
| | 10 | Borgo, S.; Leitão, P.; Borgo, Stefano; Leitão, Paulo. <i>The role of foundational ontologies in manufacturing domain applications</i> . Springer. 2004. |

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|--------------|---|---|
| Book chapter | 1 | João M. Cardoso; Paulo Leitão; Carla A. S. Gerales. "Enhancing Inventory Management Decisions in a Bakery: A Case Study". 2024.
10.1007/978-3-031-38165-2_120 |
| | 2 | Pires, Flávia; Moreira, António; Leitao, Paulo. "Sensitivity Analysis of the SimQL Trustworthy Recommendation System". In <i>Service Oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future</i> , edited by Borangiu, Theodore; Trentesaux, Damien; Leitao, Paulo. Springer Cham, 2024. Published · https://doi.org/10.1007/978-3-031-53445-4 |

- 3 João Mendes; José Lima; Lino A. Costa; Nuno Rodrigues; Paulo Leitão; Ana I. Pereira. "An Artificial Intelligence-Based Method to Identify the Stage of Maturation in Olive Oil Mills". 2024.
10.1007/978-3-031-53036-4_5
- 4 Francisco Pereira; Manuel Patrício; Rui Pedro Lopes; Paulo Leitão. "An Augmented Reality Intelligent Guide for the Automotive Industry". 2024.
10.1007/978-3-031-65400-8_23
- 5 R. Conselheiro; C. Lopes; N. Azevedo; P. Leitao; C. Agulhari; H. Veloso; F. Vaz; et al. "Titanium Based Dry Electrodes for Biostimulation and Data Acquisition". 2023.
10.1007/978-3-031-20859-1_12
- 6 Filipe Alves; Ana Maria A. C. Rocha; Ana I. Pereira; Paulo Leitão. "A Systematic Literature Review on Home Health Care Management". 2023.
10.1007/978-3-031-27499-2_15
- 7 Alves, Filipe; Rocha, Ana Maria A.C.; Pereira, Ana I.; Leitão, Paulo. "Conceptual multi-agent system design for distributed scheduling systems". 2023.
- 8 Melo, Victória; de la Prieta, Fernando; Leitão, Paulo. "Alignment of Digital Twin Systems with the RAMI 4.0 Model Using Multi-agent Systems". In *Service Oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future*, 23-35. Springer International Publishing, 2023.
Published · 10.1007/978-3-031-24291-5_2
- 9 Cardoso, João M.; Leitão, Paulo; Geraldès, Carla A. S.. "Enhancing Inventory Management Decisions in a Bakery: A Case Study". In *Flexible Automation and Intelligent Manufacturing: Establishing Bridges for More Sustainable Manufacturing Systems*, 1049-1056. Springer Nature Switzerland, 2023.
10.1007/978-3-031-38165-2_120
- 10 Rossi, Arthur Henrique Gomes; da Silva, Leonardo Breno Pessoa; Marcondes, Giovanna Bueno; Leitao, Paulo; Mosconi, Elaine; Pontes, Joseane. "Worker in the Context of Industry 5.0: Literature Review and Mains Research Drivers". In *Flexible Automation and Intelligent Manufacturing: Establishing Bridges for More Sustainable Manufacturing Systems*, 771-778. Springer Nature Switzerland, 2023.
10.1007/978-3-031-38165-2_89
- 11 Victória Melo; Gustavo Funchal; Jonas Queiroz; Paulo Leitão. "A Fuzzy Logic Approach for Self-managing Energy Efficiency in IoT Nodes". 2022.
10.1007/978-3-030-96466-5_15
- 12 A. S. Silva; Filipe Alves; J. L. Diaz de Tuesta; Ana Maria A. C. Rocha; A. I. Pereira; A. M. T. Silva; Paulo Leitão; H. T. Gomes. "Solving a Capacitated Waste Collection Problem Using an Open-Source Tool". 2022.
10.1007/978-3-031-10562-3_11
- 13 Filipe Alves; António J. S. T. Duarte; Ana Maria A. C. Rocha; Ana I. Pereira; Paulo Leitão. "A Hybrid Approach to Operational Planning in Home Health Care". 2022.
10.1007/978-3-031-23236-7_9
- 14 Ann Lilith Kongsbak Pors; Rene Bennyson; Esben Skov Laursen; Carla A. S. Geraldès; Paulo Leitão; Irene Sheridan; Lasse Christiansen. "Co-design of Technical Upskilling Training Program Through Early Stakeholder Involvement". 2022.
10.1007/978-3-031-16538-2_18

- 15 Pedro Pecora; Fernando Feijoo Garcia; Victória Melo; Paulo Leitão; Umberto Pellegrini. "Monitoring Electrical and Operational Parameters of a Stamping Machine for Failure Prediction". 2022.
10.1007/978-3-031-23236-7_50
- 16 Anderson Manhães; Gabriel Matos; Douglas O. Cardoso; Milena F. Pinto; Jeferson Colares; Paulo Leitão; Diego Brandão; Diego Haddad. "Long-Term Person Reidentification: Challenges and Outlook". 2022.
10.1007/978-3-031-23236-7_25
- 17 João Mendes; José Lima; Lino Costa; Nuno Rodrigues; Diego Brandão; Paulo Leitão; Ana I. Pereira. "Machine Learning to Identify Olive-Tree Cultivars". 2022.
10.1007/978-3-031-23236-7_56
- 18 Leitão, Paulo; Karnouskos, Stamatis; Colombo, Armando W.. "Industrial agents: from the holonic paradigm to industrial cyber-physical systems". ISTE and John Wiley & Sons, 2022.
10.1002/9781119987420.ch7
- 19 Pires, Flávia; Souza, Matheus; Ahmad, Bilal; Leitão, Paulo. "Decision Support Based on Digital Twin Simulation: A Case Study". In *Service Oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future*, 99-110. Springer International Publishing, 2021.
10.1007/978-3-030-69373-2_6
- 20 Sakurada, Lucas; Geraldies, Carla A. S.; Fernandes, Florbela P.; Pontes, Joseane; Leitão, Paulo. "Analysis of New Job Profiles for the Factory of the Future". In *Service Oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future*, 262-273. Springer International Publishing, 2021.
10.1007/978-3-030-69373-2_18
- 21 Pagani, Vitor H.; Los, Nelson A.; Maidana, Wellington; Leitão, Paulo; Casaro, Marcio M.; Nascimento, Claudinor B.. "Soiling Monitoring Modelling for Photovoltaic System". In *Lecture Notes in Electrical Engineering*, 592-601. Springer International Publishing, 2020.
10.1007/978-3-030-58653-9_57
- 22 Sukiasyan, Anna; Badikyan, Hasmik; Pedrosa, Tiago; Leitão, Paulo. "Towards a Secure Data Exchange in IIoT". In *Advances in Intelligent Systems and Computing*, 61-70. Springer International Publishing, 2020.
10.1007/978-3-030-52535-4_7
- 23 Delgado, Leonardo; Feliciano, Manuel; Frare, Laercio; Furst, Leonardo; Leitão, Paulo; Igrejas, Getúlio. "Construction and Validation of a Low-Cost System for Indoor Air Quality Measurements in Livestock Facilities". In *Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering*, 232-245. Springer International Publishing, 2020.
10.1007/978-3-030-45694-8_18
- 24 Queiroz, Jonas; Leitão, Paulo; Barbosa, José; Oliveira, Eugénio; Garcia, Gisela. "An agent-based industrial cyber-physical system deployed in an automobile multi-stage production system". 2019.
10.1007/978-3-030-27477-1_29
- 25 Alves, F.; Pereira, A.I.; Barbosa, J.; Leitão, P.. "Scheduling of home health care services based on multi-agent systems". 2018.
10.1007/978-3-319-94779-2_2

- 26 Barbosa, J.; Leitão, P.; Teixeira, J.. "Empowering a Cyber-Physical System for a Modular Conveyor System with Self-organization". 2018.
10.1007/978-3-319-73751-5_12
- 27 Alves, F.; Pereira, A.I.; Fernandes, A.; Leitão, P.. "Optimization of home care visits schedule by genetic algorithm". 2018.
10.1007/978-3-319-91641-5_1
- 28 Leitão, Paulo; Barbosa, José; Geraldès, Carla A.S.; Coelho, J.P.; Leitão, P.; Barbosa, J.; Geraldès, C.A.S.. "Multi-agent system architecture for zero defect multi-stage manufacturing". Springer, Cham, 2018.
https://doi.org/10.1007/978-3-319-73751-5_2
- 29 Ferreira, A.; Leitão, P.; Barata, J.. "Prediction models for short-term load and production forecasting in smart electrical grids". 2017.
10.1007/978-3-319-64635-0_14
- 30 Rodrigues, N.; Leitão, P.; Oliveira, E.. "An agent-based approach for the dynamic and decentralized service reconfiguration in collaborative production scenarios". 2017.
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Intellectual property

Patent	1	Leitao, Paulo. 2013. "Method for orchestrating services of a service-oriented automation system and orchestration machine". Germany.
	2	Leitao, Paulo. 2012. "Method for developing a multi-agent system and multi-agent system". Germany.
	3	Leitao, Paulo. 2010. "Structure of a service-oriented automation component". Germany.

Activities

Oral presentation

	Presentation title	Event name Host (Event location)
2022/11/23	The Power of Multi-agent Systems to Implement Industrial Cyber-Physical Systems	XII Brazilian Symposium on Computing Systems Engineering (SBESC'22) (Fortaleza, Brazil)
2021/06/29	Multi-agent Systems to Distribute Intelligence in Industrial Cyber-Physical Systems	Plate Forme Intelligence Artificielle (PFIA'21) (Bordeaux, France)

2021/05/26	Sistemas Multi-Agentes para Distribuir Inteligência em Sistemas Ciber-Físicos Industriais	Ciclo de palestras QTDEI - AI Master Class (Porto, Portugal)
2021/01/27	Industrial agents to realize Industry 4.0 Compliant Solutions	1st Latin-American Workshop on Service-oriented, Holonic and Multi-Agent manufacturing systems for Industry of the Future (SOHOMA-LA'21) (Bogota, Colombia)
2020/08/10	Multi-agent Systems in Industry 4.0	100th aniversário do Harbin Institute of Technology (HIT) (China)
2019/09/24	Collaborative Networks and Industry 4.0: A Symbiotic Relationship?	20th Working Conference on Virtual Enterprises (PRO-VE'19) (Turin, Italy)
2019/09/05	The Power of the Edge for Smart Manufacturing	XL Jornadas de Automatica (Ferrol, Spain)
2019/04/10	Sistemas Multi-agents no Contexto da Indústria 4.0	Departamento Académico de Informática (DAInf) (Ponta Grossa, Brazil)
2017/08/18	The Power of the Edge for Smart Automation	Seminar on Edge Computing for Smart Manufacturing Edge Computing Consortium (Shenyang, China)
2017/06/23	Industrial Agents in the Context of Industry 4.0	15th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS'17) PAAMS (Porto, Portugal)
2017/05/05	Industrial Agents in the Context of Industry 4.0	8th Advanced Doctoral Conference on Computing, Electrical and Industrial Systems (DoCEIS'17) (Lisbon, Portugal)
2016/11/08	IPB Experience on Industrie 4.0 Topics	2016 Sino-European Intelligent Manufacturing Summit and Pengjiang Investment Environment Promotion (Jiangmen, China)
2014/11/05	Cyber-physical Systems as Technology driver for Industry 4.0	4th Workshop on Service Orientation in Holonic and Multi-Agent Manufacturing (SOHOMA'14) (Nancy, France)
2014/05/08	Self-organized Service-Oriented Multi-agent Systems Towards Industry 4.0	VDI-Expertenforum " Agents within the context of Industry 4.0

(Munich, Germany)

2011/12/09	Multi-agent Systems in Industry: Current Trends & Future Challenges	International Conference Beyond AI: Interdisciplinary Aspects of Artificial Intelligence (Pilsen, Czech Republic)
2010/10/05	Agent Technology in Industry: Current Trends & Future Challenges	VDI-Expertenforum "Agenten in der Automatisierungstechnik (Stuttgart)
2009/08/31	Holonic Rationale and Self-Organization on Design of Complex Evolvable Systems	4th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'09) (Linz, Austria)
2008/04/03	Robótica: da Ficção Científica aos Nossos Dias	1as Jornadas de Tecnologias de Informação Multimédia (Mirandela, Portugal)
2005/11/24	Agent-based and Holonic Control for Re-configurable Manufacturing Systems	49° Convegno Nazionale ANIPLA (Associazione Nazionale Italiana per L' Automazione) (Naples, Italy)
2005/07/01	A ESTiG - IPB e a implementação do processo de Bolonha	Seminar Processo Bolonha pela ANET ANET (Associação Nacional de Engenheiros Técnicos) (Ponta Delgada, Portugal)
2005/04/20	Arquitecturas de Suporte a Sistemas de Produção Ágeis e Reconfiguráveis	Semana da Tecnologia e Gestão da Escola Superior de Tecnologia e Gestão do Instituto Politécnico de Bragança (Bragança, Portugal)

Supervision

	Thesis Title Role	Degree Subject (Type) Institution / Organization
2022/11 - Current	Enabling Innovative Digital Twins Solutions with AI-based Simulation Models aiming Zero Defects Manufacturing Co-supervisor	Ingeniería Industrial, Informática e Medioambiental (PhD) Universidad de La Laguna, Spain
2021/09 - Current	Digital Twin em sistemas de produção Co-supervisor of Victoria Melo	Ingeniería Informática (PhD) Universidad de Salamanca, Spain
2021/09 - Current	AI na implementação de mecanismos de Cyber-segurança em Aplicações IIoT Co-supervisor of Gustavo Funchal	Ingeniería Informática (PhD) Universidad de Salamanca, Spain

2021/03 - Current	Digital Lean Manufacturing Co-supervisor of Arthur Rossi	Engenharia de Produção (PhD) Universidade Tecnológica Federal do Paraná, Brazil
2020/09 - Current	Multi-agents para realizar Componentes Industry 4.0 Co-supervisor of Lucas Sakurada	Ingeniería Informática (PhD) Universidad de Salamanca, Spain
2019/02 - Current	An Intelligent Approach to Fault Tolerance in Cyber-physical Systems Co-supervisor of Luis Piardi	Engenharia Elétrica e Informática Industrial (PhD) Universidade Tecnológica Federal do Paraná, Brazil
2015/02 - Current	An Holonic Approach for Intelligent and Self-Sustained Energy Microgrids Co-supervisor	Engenharia Eletrotécnica e de Computadores (PhD) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2018/08 - 2024/06/06	Trustable Intelligent Decision Support for Enhancing Industrial Digital Twins Supervisor of Flávia Pires	Engenharia Eletrotécnica e de Computadores (PhD) Universidade do Porto Faculdade de Engenharia, Portugal
2023/01 - 2023/09/13	Sistema de operação remota de robôs colaborativos prevendo a possibilidade de colisão no seu movimento Supervisor of Uxío Radoslav Rego Rey-Conde	Mestrado em Engenharia Industrial, especialização em Eng. Electrotécnica (Master) Instituto Politécnico de Bragança, Portugal
2019 - 2023/07/28	Distributed scheduling based on multi-agent system swarm approach for collaborative optimization Co-supervisor of Filipe Marcelo Ferreira Alves	Engenharia Industrial e de Sistemas (PhD) Universidade do Minho, Portugal
2023/02 - 2023/07/20	Detección de no conformidades de gap y flush utilizando técnicas de aprendizaje automático Supervisor of Daniel Rodriguez Andrade	Mestrado em Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal
2022/03 - 2023/07/13	Deteção de falhas em sistemas ciber-físicos: um estudo aplicado em baterias de robôs móveis Supervisor of Matheus Hiroyuki Donadi Ikeda	Mestrado em Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal
2022/03 - 2023/07/06	Desenvolvimento de currículo STEM para educação de eletrónica e robótica no ensino secundário Supervisor of Lorena Pereira de Carlos Jeranoski	Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal

2022/03 - 2023/07/05	Desenvolvimento de um Sistema de Aquisição de Dados Modular e Escalável com Comunicação sem Fio para Aplicações Industriais Co-supervisor of Isaac Vinícius Fontes Sampaio	Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal
2022/03 - 2023/07/04	Development of an open access system for remote operation of robotic manipulators Supervisor of Bruno Stefanuto	Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal
2022/03 - 2023/03/23	Metodologias de Gerenciamento de Estoques: Estudo de Caso Co-supervisor of João Vítor Migliorini Cardoso	Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal
2021/09 - 2022/11/29	Hands Tracking and Fuzzy Speed Control to Improve Human-Robot Collaboration Supervisor of Alexandre Carelli Borsoi	Engenharia Industrial, especialização em Eng. Electrotécnica (Master) Instituto Politécnico de Bragança, Portugal
2021/09 - 2022/11/10	Aplicação de técnicas lean numa linha de soldadura Supervisor of José Samuel de Freitas	Engenharia Industrial, especialização em Eng. Electrotécnica (Master) Instituto Politécnico de Bragança, Portugal
2021/02 - 2022/07/01	Structural and Electrical Characterization of Dry Electrodes for Electrical Stimulation Supervisor of Raul Kaizer Conselheiro	Engenharia Industrial, especialização em Eng. Electrotécnica (Master) Instituto Politécnico de Bragança, Portugal
2021/02 - 2022/07/01	Digital Twin Based Condition Monitoring System for a Cold Stamping Machine Supervisor of Pedro Pecora	Engenharia Industrial, especialização em Eng. Electrotécnica Instituto Politécnico de Bragança, Portugal
2016 - 2022/06/14	An Agent-based Approach to Design Decentralized Cloud-Edge Data Analysis in Cyber-Physical System Supervisor of Jonas Felipe Pereira de Queiroz	Engenharia Informática (PhD) Universidade do Porto Faculdade de Engenharia, Portugal
2020/09 - 2021/12/07	Combining Particle Filter and Fiducial Markers in a SLAM-Based Approach to Indoor Localization of Mobile Robots Supervisor of Alexandre de Oliveira Júnior	Engenharia Industrial, especialização em Eng. Electrotécnica (Master) Instituto Politécnico de Bragança, Portugal
2020/09 - 2021/11/29	Implementação de um sistema de monitoramento energético em um sistema de climatização industrial Supervisor of André Souza	Engenharia Industrial, especialização em Eng. Electrotécnica (Master) Instituto Politécnico de Bragança, Portugal

2020/09 - 2021/11/28	Identification and Characterization of Opportunities for Improvement in Industrial Processes by Lean Automation Method Co-supervisor of Ana Carolina Guimarães de Oliveira	Engenharia Industrial, especialização em Eng. Mecânica (Master) Instituto Politécnico de Bragança, Portugal
2020/09 - 2021/11/11	Practical Implementation of a Hybrid Indoor Localization System Supervisor of Leonardo Oliveira	Engenharia Industrial - Eng. Electrotécnica (Master) Instituto Politécnico de Bragança, Portugal
2020 - 2021/06	Estudo de uma solução robotizada para aumentar a eficiência de produção numa estação de corte Supervisor of Heitor Assumpção	Mestrado em Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal
2020 - 2021/06	Desenvolvimento de assistente digital de suporte à execução de procedimentos de medição de controlo de peças Supervisor of Giuseppe António Davanzo	Mestrado em Sistemas de Informação (Master) Instituto Politécnico de Bragança, Portugal
2020 - 2021/05	Análise e projeto de nós IoT energeticamente autónomos Supervisor of Néstor Núñez	Mestrado em Energias Renováveis e Eficiência Energética (Master) Instituto Politécnico de Bragança, Portugal
2020/03 - 2021/02	Analysis of the New Skills and Job Profiles in Industry 4.0 Context Supervisor	Pós-Doutoramento (Other) Instituto Politécnico de Bragança, Portugal
2020 - 2021/02	Utilização de plataforma Cloud para integração de um sistema multiagente de Smart Parking Supervisor of Milton Boos Junior	Mestrado em Sistemas de Informação (Master) Instituto Politécnico de Bragança, Portugal
2019 - 2020/12	Development of an automated bicycle parking spot for a smart parking system Supervisor of Samuel Werner	Mestrado em Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal
2019 - 2020/12	A Study on Energy Efficiency of na Internet of Things Sensor Node Supervisor of Guilherme Luz	Mestrado em Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal
2019 - 2020/12	Analysis of Trends in Industry 4.0 Supervisor of Balsam Khechini	Mestrado em Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal

2019 - 2020/12	Desenvolvimento de sistema de deteção de presença humana em ambiente robotizado compartilhado Supervisor	Mestrado em Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal
2019 - 2020/12	Desenvolvimento de sensores virtuais em superfícies finas para manutenção preditiva Supervisor	Mestrado em Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal
2019 - 2020/12	Development of an Intelligent Personal Assistant to Empower Operators in Industry 4.0 Environments Supervisor of Matheus Teixeira Talácio	Mestrado em Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal
2019 - 2020/11	Otimização de um sistema flexível de fabrico usando virtualização num contexto de digital twin Supervisor of Matheus Souza	Mestrado em Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal
2019 - 2020/10	Sistema de Controlo de Luminosidade Auto-Adaptativo usando Tecnologias de IoT Supervisor of João Pessegueiro Costa	Mestrado em Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal
2019 - 2020/06	Análise de consumo energético por tipologia de carga elétrica por quadro elétrico usando tecnologias IoT Supervisor of Enrique Nodar Carro	Mestrado em Energias Renováveis e Eficiência Energética (Master) Instituto Politécnico de Bragança, Portugal
2019 - 2020/04/02	Desenvolvimento de Mecanismos de Segurança num Sistema Modular e Auto-organizado de Tapetes Automático Supervisor of Gustavo Funchal	Mestrado em Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal
2019 - 2020/04/02	Virtualização de Sistema Modular e Auto-organizado de Tapetes Automático Supervisor of Vitoria Melo	Mestrado em Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal
2019 - 2020/03/19	Soiling Index Modeling for Photovoltaic Systems Supervisor of Vitor Henrique Pagani	Mestrado em Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal
2019 - 2020	Sensorização e monitorização da quantidade de insetos na cultura da oliveira Supervisor of Felipe Vieira	Mestrado em Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal

2019 - 2020	Rastreabilidade no Controlo de qualidade adaptativo de consolas HMI Supervisor	Mestrado em Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal
2019 - 2020	Virtualização de sistema flexível de fabrico no âmbito da Indústria 4.0 Supervisor	Mestrado em Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal
2019 - 2020	Sistema para controle de acesso de utilizadores utilizando ESP32 Supervisor of Vinícius Penckowski	Mestrado em Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal
2019 - 2020	Elaboração de um controle eletrônico para seguidor solar horizontal com limpeza automática Supervisor of Nelson Los	Mestrado em Engenharia Industrial (Master) Instituto Politécnico de Bragança, Portugal
2013 - 2019/12/16	Framework for Dynamic Service Reconfiguration in Service-oriented Multi-agent Systems Co-supervisor of Nelson Rodrigues	Engenharia Informática (PhD) Universidade do Porto Faculdade de Engenharia, Portugal
2018/10 - 2019/12/13	Estudo e implementação de protocolos para problemas de consenso em sistemas de bizantinos Supervisor of Bruno Alves	Mestrado em Sistemas de Informação (Master) Instituto Politécnico de Bragança, Portugal
2015 - 2019/12/05	A Predictive Manufacturing Framework for Smart Factory Environments Co-supervisor of Ricardo Peres	Engenharia Eletrotécnica e de Computadores (PhD) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2018/10 - 2019/07/17	Controlo de sistemas industriais usando low-cost automation Supervisor of Gustavo Vieira	Mestrado em Engenharia Industrial, especialização em Eng. Electrotécnica (Master) Instituto Politécnico de Bragança, Portugal
2019 - 2019	Machine learning applied to an intelligent and adaptive robotic inspection station Supervisor of Luís Sousa Pinto Variz	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2019 - 2019	Automated industrial inspection workbench for human machine interface (HMI) consoles Co-supervisor	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal

2019 - 2019	Escalonamento de recursos elétricos usando a técnica de campos de potencial Supervisor of Tânia Filipa Alves Cerdeira	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2019 - 2019	Ajuste dinâmico e automático de iluminação em sistemas industriais e edifícios usando tecnologias de IoT Supervisor of Carolina Miller da Silva	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2019 - 2019	Development of industrial agents in a smart parking system for bicycles Supervisor	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2017 - 2018/12	Caraterização de procedimentos a serem incorporados num sistema de apoio à decisão na realização de tarefas de manutenção Supervisor of Marina Ervedal Ribeiro	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2017 - 2018/10	Gestão inteligente e preditiva da manutenção em sistemas de produção Supervisor of Ana Cachada	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2018 - 2018	Simulação de Redes Elétricas Inteligentes Supervisor	Energias Renováveis e Eficiência Energética (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2018 - 2018	Projeto e montagem de célula flexível de montagem com colaboração homem/robô Supervisor	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2018 - 2018	Intelligent and predictive maintenance in manufacturing systems Supervisor	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2014 - 2017/11/07	Dynamic and hybrid architecture for the optimal reconfiguration of control systems: application to manufacturing control Co-supervisor of José Fernando Jimenez	Automatique – Génie Informatique (PhD) Université de Valenciennes et du Hainaut-Cambrésis Institut Universitaire de Technologie de Valenciennes, France
2015 - 2016/12	Desenvolvimento de um Sistema de Transporte Modular com Auto-Organização de Componentes Ciber-Físicos	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal

Supervisor of Joy Teixeira

2015 - 2016/12	Modelação e Simulação baseada em Agentes para Cadeias de Abastecimento Supervisor of José Dias	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2015 - 2016/11	Monitorização e Análise da Atividade Diária de Idosos num Lar de 3ª Idade para Determinar Indicadores de Saúde e Qualidade de Vida Supervisor of Solange Mendes	Tecnologia Biomédica (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2016 - 2016	Modelação e simulação baseada em agentes para cadeias de abastecimento Supervisor	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2016 - 2016	Desenvolvimento de um sistema de transporte modular com auto-organização de componentes ciber-físicos Supervisor	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2014 - 2015/12	Análise de Dados para Previsão de Micro Produção de Energia Solar e Eólica Supervisor	Energias Renováveis e Eficiência Energética (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2014 - 2015/12	Sistema Robótico Autónomo para Ambientes de Terapia de Iodo Supervisor of Ana Rita Andrade	Tecnologia Biomédica (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2011 - 2015/02/19	Specification of a multi-agent architecture for production control exhibiting self-organization and self-adaptation properties Co-supervisor of José Barbosa	Automatique – Génie Informatique (PhD) Université de Valenciennes et du Hainaut-Cambrésis Institut Universitaire de Technologie de Valenciennes, France
2015 - 2015	Análise de dados para previsão de micro produção de energia solar e eólica Supervisor of Artur Jorge Ferreira da Costa Dias	Energias Renováveis e Eficiência Energética (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2013 - 2014/11	Gestão Colaborativa de Micro-Redes Inteligentes Supervisor of Rafael Silva	Energias Renováveis e Eficiência Energética (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal

2013 - 2014/10	Qualidade de serviço em redes elétricas inteligentes autosustentadas Supervisor of Tiago Freitas	Energias Renováveis e Eficiência Energética (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2013 - 2014/09	Aquisição de dados de leituras de dose para integração a sistema de partição de produtos radioativos Supervisor of Carla Lopes	Tecnologia Biomédica (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2013 - 2014/07	Desenvolvimento de protótipo robotizado de preparação e partição de produtos radioativos Supervisor of Gabriela Guevara	Tecnologia Biomédica (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2014 - 2014	Towards robustness and self-organization of ESB-based solutions using service life-cycle management Supervisor of Arnaldo António Pinto Pereira	Sistemas de Informação (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2012 - 2013/12	Gestão Colaborativa e Inteligente em Microgrids Supervisor of Tito Fernandes	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2012 - 2013/11	Sistema de aquisição de dados para monitorização de transportes de carga Supervisor of Ana Preto	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2013 - 2013	Aplicação de métodos emergentes em problemas de escalonamento do tipo flexible job shop Supervisor	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2012 - 2013	Aplicação de Métodos Emergentes em Problemas de Escalonamento do Tipo Flexible Job Shop Supervisor of Inês Seixas	Engenharia Industrial Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2011 - 2012/12	Development of a Manipulator Robot based on BIOLOID Components Supervisor of Luis Sousa	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2011 - 2012/09	Development of an Ontology for a Multi-Agent System Controlling a Production Line Supervisor of Nelson Rodrigues	Sistemas de Informação (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal

2011 - 2012/07	An Adaptive Image Pre-processing System for Quality Control in Production Lines Supervisor of Esteban Arroyo	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2011 - 2012/07	Modelling and Optimization of Flexible Manufacturing Systems Supervisor of Vítor Granados	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2010 - 2011/12	Modelação Matemática da Exploração Energética de uma Cascata Hidroelétrica Supervisor of Fernando Fernandes	Energias Renováveis e Eficiência Energética (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2006 - 2011/02/21	Engineering Framework for Service-oriented Automation Systems Co-supervisor of João Marco Mendes	Engenharia Informática (PhD) Universidade do Porto Faculdade de Engenharia, Portugal
2011 - 2011	Análise cinemática e planificação de movimentos de um robô endoscópico accionado electromagneticamente Supervisor of Elisa Carina Carreira Pinheiro	Tecnologia Biomédica (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2009 - 2010/12	Desenvolvimento de robô manipulador didático baseado em componentes Bioloid Supervisor of Anildio Toca	Engenharia Industrial Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2009 - 2010/12	Sistema de visão artificial para manipulação de objectos de charcutaria fatiados Supervisor of João Gonçalves	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2009 - 2010/10	Modeling and Simulation of Healthcare Pharmaceutical Environments: A Petri Nets Approach Supervisor of Filipe Pereira	Engenharia Industrial Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2009 - 2010/10	Use of Bio-inspired Techniques to Solve Complex Engineering Problems: Industrial Automation Case Study Supervisor of José Barbosa	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2008 - 2009/12	Extraction of Knowledge from Petri Nets Models in SoA-based Industrial Automation Systems Supervisor of Joel Alves	Engenharia Industrial (Master) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal

Event organisation

Event name Type of event (Role)	Institution / Organization
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2023/10/12 - 2023/10/27	Organization of the special session entitle "Software Engineering for the Industrial Internet of Things", included in the IEEE 9th World Forum on Internet of Things (WF-IoT'23), Aveiro, Portugal, 12-27 October 2023. (2023/10 - 2023/10)
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Conference (Co-organisator)

2023/07/09 - 2023/07/14	Organization of the special session entitled "Human in the Loop of Artificial Intelligence in Smart Maintenance and Manufacturing Systems", included in the IFAC World Congress (IFAC WC'23), Yokohama, Japan, 9-14 July 2023. (2023/07 - 2023/07)
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Conference (Co-organisator)

2023/06/26 - 2023/06/26	General Co-chair da International Workshop on Petri Nets for Twin Transition (PN4TT'23), Lisboa, Portugal, a 26 de junho de 2023. (2023/06 - 2023/06)
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Conference (Other)

2023/06/19 - 2023/06/21	Chair da Track "Intelligent Factory Automation" included in the 32nd IEEE International Symposium on Industrial Electronics (ISIE'23), Helsinki, Finland, 19 - 21 June 2023. (2023/06 - 2023/06)
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Conference (Other)

2023/05/08 - 2023/05/11	Chair of the Special Sessions in the 6th IEEE International Conference on Industrial Cyber-Physical Systems (ICPS'23), Wuhan, China, 8-11 May 2023. (2023/05 - 2023/05)
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Conference (Other)

2023/04/04 - 2023/04/06	Chair of the Track "Cybersecurity in Industrial Applications" included in the 24th IEEE International Conference on Industrial Technology (ICIT'23), Orlando, Florida, USA, 4-6 April 2023. (2023/04 - 2023/04)
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Conference (Other)

2022/10/24 - 2022/10/25	Organization of the special session entitled "AOCPS - Advances and Optimization in Cyber-Physical Systems", included in the 2nd International Conference on Optimization, Learning Algorithms and Applications (OL2A'22), Póvoa de
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Varzim, Portugal, 24-25 October 2022.
(2022/10 - 2022/10)

Conference (Co-organisor)

2022/10/17 -
2022/10/20

Technical Programme Chair na 48th
Annual Conference of the IEEE
Industrial Electronics Society
(IECON'22), Bruxelas, Bélgica, 17-20
outubro de 2022. (2022/10 - 2022/10)

Conference (Other)

2022/08/31 -
2022/09/02

Organization of the thematic track
entitled "Multi-Agent Systems: Theory
and Applications (MASTA)", included in
the 1st EPIA Conference on Artificial
Intelligence, Lisboa, Portugal, 31 August
- 2 September 2022. (2022/08 - 2022/09)

Conference (Co-organisor)

2022/07/25 -
2022/07/28

Chair das Sessões Especiais incluída na
20th IEEE International Conference on
Industrial Informatics (INDIN'22), Perth,
Australia, 25-28 de julho de 2022.
(2022/07 - 2022/07)

Conference (Other)

2022/07/13 -
2022/07/15

General Co-chair da International
Workshop on Artificial Intelligence for
Industry (AI4Industry), L'Aquila (Italy), a
13-15 julho de 2022. (2022/07 - 2022/07)

Conference (Other)

2022/06/01 -
2022/06/03

Chair da Track "Industrial Informatics &
Its Applications" incluída na 31st IEEE
International Symposium on Industrial
Electronics (ISIE'23), que decorreu em
Anchorage, Alaska, USA, 1-3 de junho de
2022. (2022/06 - 2022/06)

Conference (Other)

2022/05/24 -
2022/05/26

Technical Programme Chair na 5th IEEE
International Conference on Industrial
Cyber-Physical Systems (ICPS'22),
Warwick, UK, 24-26 de maio de 2022.
(2022/05 - 2022/05)

Conference (Other)

2022/05/24 -
2022/05/26

Organização da sessão especial
intitulada "Digital Twin Driving Industry
4.0", incluída na 5th IEEE International
Conference on Industrial Cyber-Physical
Systems (ICPS'22), Warwick, UK, 24-26
maio de 2022. (2022/05 - 2022/05)

Conference (Co-organisor)

2022/03/28 - 2022/03/31	Chair das Sessões Especiais incluída na 23rd IEEE International Conference on Industrial Technology (ICIT'22), Shanghai, China, 28-31 março de 2022. (2022/03 - 2022/03) Conference (Other)
2021/10/13 - 2021/10/16	Chair da Track "Industrial Automation, Communication, Networking and Informatics" incluída na 47th Annual Conference of the IEEE Industrial Electronics Society (IECON'21), 13 - 16 outubro de 2021. (2021/10 - 2021/10) Conference (Other)
2021/10/06 - 2021/10/08	Technical Programme Chair na 3rd International Congress on Blockchain and Applications, Salamanca, Spain, 6 - 8 outubro 2021. (2021/10 - 2021/10) Conference (Other)
2021/07/21 - 2021/07/23	Chair das Sessões Especiais incluída na 19th IEEE International Conference on Industrial Informatics (INDIN'21), que decorreu em Palma Mallorca, Spain, 21 - 23 de julho de 2021. (2021/07 - 2021/07) Conference (Other)
2021/05/10 - 2021/05/12	Chair das Sessões Especiais incluída na 4th IEEE International Conference on Industrial Cyber-Physical Systems (ICPS'21), que decorreu em Victoria, Canada, 10 -12 de maio de 2021. (2021/05 - 2021/05) Conference (Other)
2021/03/10 - 2021/03/12	Chair da Track "Cloud Computing, Big Data and Software Engineering" incluída na 22nd IEEE International Conference on Industrial Technology (ICIT'21), que decorreu em Valencia, Spain, 10 - 12 março de 2021. (2021/03 - 2021/03) Conference (Other)
2020/10/18 - 2020/10/21	Chair da Track "Cloud Computing, Big Data, and Industrial Informatics" incluída na 46th Annual Conference of the IEEE Industrial Electronics Society (IECON'20), Singapura, 18 - 21 outubro de 2020. (2020/10 - 2020/10) Conference (Other)

2020/07/20 - 2020/07/23	Chair of the Technical Program Committee of the 18th IEEE International Conference on Industrial Informatics (INDIN'20), Warwick, UK, 20 - 23 July 2020. (2020/07 - 2020/07) Conference (Other)
2020/06/17 - 2020/06/19	Chair da Track "Industrial Informatics and Cloud Computing" incluída na 29th IEEE International Symposium on Industrial Electronics (ISIE'20), Delft, Holanda. (2020/06 - 2020/06) Conference (Other)
2020/06/09 - 2020/06/12	Chair das Sessões Especiais na 3rd IEEE International Conference on Industrial Cyber-Physical Systems (ICPS'20), Tampere, Finland. (2020/06 - 2020/06)
2020/02/26 - 2020/02/28	Chair da sessão intitulada "Industrial Automation, Communication, Networking and Informatics 2" incluída na IEEE International Conference on Industrial Technology (ICIT'20), Buenos Aires, Argentina. (2020/02 - 2020/02) Conference (Other)
2020/02/26 - 2020/02/28	Chair da Track "Industrial Automation, Communication, Networking and Informatics" incluída na 21th IEEE International Conference on Industrial Technology (ICIT'20), que decorreu em Buenos Aires, Argentina. (2020/02 - 2020/02) Conference (Other)
2019/12/20 - 2019/12/20	Workshop on Disruptive Information and Communication Technologies for Innovation and Digital Transformation (2019/12/20) Workshop
2019/10/14 - 2019/10/17	Technical Programme Chair na 45th Annual Conference of the IEEE Industrial Electronics Society (IECON'19), que decorreu em Lisboa, Portugal. (2019/10 - 2019/10) Conference (Other)
2019/09/03 - 2019/09/06	Organização da thematic track intitulada "Artificial Intelligence in Cyber-Physical and Distributed Embedded Systems (AICPDES)", incluída na 19th EPIA Conference on

Artificial Intelligence, que decorreu em Vila Real, Portugal. (2019/09/03 - 2019/09/06)

Conference (Other)

2019/07/23 -
2019/07/25

Chair das Sessões Especiais na 17th IEEE International Conference on Industrial Informatics (INDIN'19), que decorreu em Helsinki, Finland. (2019/07 - 2019/07)

Conference (Other)

2019/07/23 -
2019/07/25

Organização da sessão especial intitulada "Innovative Technologies and Methods for Zero Defect Manufacturing on Industrial Cyber-Physical Systems Context", incluída na 17th International Conference on Industrial Informatics (INDIN'19), que decorreu em Helsinki, Finland, 23 - 25 julho de 2019. (2019/07/23 - 2019/07/25)

Conference (Other)

2019/07/23 -
2019/07/25

Organização da sessão especial intitulada "Integration of Software Agents and Low-Level Automation Functions", incluída na 17th International Conference on Industrial Informatics (INDIN'19), que decorreu em Helsinki, Finland, 23 - 25 julho de 2019. (2019/07/23 - 2019/07/25)

Conference (Other)

2018/10/21 - 2018/10/23

Chair da Track "Cyber Physical Systems and Internet of Things in Industry" incluída na 44th Annual Conference of the IEEE Industrial Electronics Society (IECON 2018), que decorreu em Washington, DC, US. (2018/10 - 2018/10)

Conference (Other)

2018/10/18 - 2018/10/21

Chair da Track "Cloud Computing, Big Data, and Industrial Informatics" incluída na 46th Annual Conference of the IEEE Industrial Electronics Society (IECON 2020), que decorrerá em Singapura. (2018/10 - 2018/10)

Conference (Other)

2018/07/18 -
2018/07/20

IEEE International Conference on Industrial Informatics (INDIN 2018) (2018/07/18 - 2018/07/20)

Conference (Co-organisator)

IEEE, United States

2018/07/18 - 2018/07/20	Organização da sessão especial intitulada "Innovative Technologies and Methods for Zero Defect Manufacturing on Industrial Cyber-Physical Systems Context", incluída na 16th International Conference on Industrial Informatics (INDIN 2018), que decorreu no Porto, Portugal, 18 - 20 julho de 2018. (2018/07/18 - 2018/07/20) Conference (Other)
2018/06/12 - 2018/06/15	Chair da track "Industrial Informatics, Cloud Computing and Internet of Things" incluída na 27th IEEE International Symposium on Industrial Electronics (ISIE'18), que decorreu em Cairns, Australia. (2018/06 - 2018/06) Conference (Other)
2018/05/15 - 2018/05/18	Chair das Sessões Especiais na 1st IEEE International Conference on Industrial Cyber-Physical Systems (ICPS 2018), que decorreu em Saint Petersburg, Russia. (2018/06 - 2018/06) Conference (Other)
2018/02/20 - 2018/02/22	Chair da Track "Education & standards" incluída na 19th IEEE International Conference on Industrial Technology (ICIT 2018), que decorreu em Lyon, França. (2018/02 - 2018/02) Conference (Other)
2017/10/29 - 2017/11/01	Chair da Track "Cloud Computing, Big Data & Industrial Informatics" incluída na 43rd Annual Conference of the IEEE Industrial Electronics Society (IECON 2017), que decorreu em Beijing, China. (2017/10 - 2017/11) Conference (Other)
2017/10/29 - 2017/11/01	Organização da sessão especial intitulada "Intelligent Agents in Industrial Systems and Applications", incluída na 43rd Annual Conference of the IEEE Industrial Electronics Society (IECON 2017), que decorreu em Pequim, China. (2017/10/29 - 2017/11/01) Conference (Other)
2017/07/24 - 2017/07/26	Chair das Sessões Especiais na 15th IEEE International Conference on Industrial Informatics (INDIN 2017), que decorreu em Emden, Alemanha. (2017/07 - 2017/07)

Conference (Other)

2017/07/24 -
2017/07/26

Organização da sessão especial intitulada "Smart Data and Data Analytics for Automation and Manufacturing Systems", incluída na 15th International Conference on Industrial Informatics (INDIN 2017), que decorreu em Emden, Alemanha. (2017/07/24 - 2017/07/26)

Conference (Other)

2017/07/17 - 2017/07/19

Chair da track "Security and Information System" incluída na 10th International Conference on Human System Interaction (HSI'17), que decorreu em Ulsan, South Korea. (2017/07 - 2017/07)

Conference (Other)

2017/06/19 - 2017/06/21

Chair da Track "Factory Automation and Industrial Informatics" incluída na 26th IEEE International Symposium on Industrial Electronics (ISIE 2017), que decorreu em Edinburgo, Escócia. (2017/06 - 2017/06)

Conference (Other)

2017/03/22 -
2017/03/25

Chair da Track "Industrial Automation, Communication & Informatics" incluída na 18th IEEE International Conference on Industrial Technology (ICIT 2017), que decorreu em Toronto, Canadá. (2017/03 - 2017/03)

Conference (Other)

2017/02/14 - 2017/02/17

Chair da Track "Industrial Automation" incluída na IEEE International Conference on Mechatronics (ICM'17), que decorreu em Gippsland, Australia. (2017/02 - 2017/02)

Conference (Other)

2016/10/23 - 2016/10/27

Chair da Track "Cloud computing, big data and industrial informatics" incluída na 42th Annual Conference of the IEEE Industrial Electronics Society (IECON'16), que decorreu em Florence, Italy. (2016/10 - 2016/10)

2016/10/23 - 2016/10/27

Organização da sessão especial intitulada "New trends in Education regarding Cyber-Physical Systems and Industrial Agents", incluída na 42nd

Annual Conference of the IEEE Industrial Electronics Society (IECON'16), que decorreu em Florença, Itália, 23 - 27 October de 2016. (2016/10/23 - 2016/10/27)

Conference (Other)

2016/10/06 -
2016/10/07

6th Workshop on Service Orientation in Holonic and Multi-Agent Manufacturing (SOHOMA'16) (2016/10/06 - 2016/10/07)

Conference (Co-organisor)

Universidade Nova de Lisboa
Faculdade de Ciências e Tecnologia,
Portugal

2016/07/18 - 2016/07/21

Chair da Track "Wireless, Cyber-Physical and Cloud Technologies" incluída na 14th IEEE International Conference on Industrial Informatics (INDIN'16), que decorreu em Poitiers, França. (2016/07 - 2016/07)

Conference (Other)

2016/07/18 - 2016/07/21

Organização da sessão especial intitulada "Cyber-Physical Systems: from technological solutions to real industrial applications", incluída na 14th IEEE International Conference on Industrial Informatics (INDIN'16), que decorreu em Poitiers, França, 18 - 21 julho de 2016. (2016/07/18 - 2016/07/21)

Conference (Other)

2016/07/09 -
2016/07/14

Organização da sessão especial intitulada "Cyber-physical systems for future industrial systems", incluído no 20th IFAC World Congress, que decorreu em Toulouse, France, 9 - 14 julho de 2016. (2016/07/09 - 2016/07/14)

Conference (Other)

2016/06/08 -
2016/06/10

Chair da Track "Automation, Communication, Informatics" incluída na 25th IEEE International Symposium on Industrial Electronics (ISIE'16), que decorreu em Santa Clara, California, US. (2016/06 - 2016/06)

Conference (Other)

2016/05/04 -
2016/05/06

IEEE International Conference on Autonomous Robot Systems and Competitions (ICARSC'16) (2016/05/04 - 2016/05/06)

Conference (Co-organisor)

IEEE, United States

2016/03/14 - 2016/03/17

Chair da Track "Industrial Automation, Communication and Informatics" incluída na IEEE International

Conference on Industrial Technology (ICIT'16), que decorreu em Taipei, Taiwan. (2016/03 - 2016/03)

Conference (Other)

2015/11/09 - 2015/11/12

Organização da sessão especial intitulada "Engineering Paradigms for Automated Facilities", incluída na 41st Annual Conference of the IEEE Industrial Electronics Society (IECON'15), que decorreu em Yokohama, Japan, 9 - 12 November de 2015. (2015/11/09 - 2015/11/12)

Conference (Other)

2015/11/09 - 2015/11/12

Organização da sessão especial intitulada "New trends in Education regarding Cyber-Physical Systems and Industrial Agents", incluída na 41st Annual Conference of the IEEE Industrial Electronics Society (IECON'15), que decorreu em Yokohama, Japan, 9 - 12 November de 2015. (2015/11/09 - 2015/11/12)

Conference (Other)

2015/11/09 - 2015/11/12

Organização da sessão especial intitulada "Big Data Analytics for Industrial Informatics", incluída na 41st Annual Conference of the IEEE Industrial Electronics Society (IECON'15), que decorreu em Yokohama, Japan, 9 - 12 November de 2015. (2015/11/09 - 2015/11/12)

Conference (Other)

2015/07/22 -
2015/07/24

Technical Programme Chair na 13th IEEE International Conference on Industrial Informatics (INDIN'15), Cambridge, UK. (2015/07 - 2015/07)

Conference (Other)

2015/07/22 -
2015/07/24

Organização da sessão especial intitulada "Advanced Automation Methods and Concepts Applied to Industrial Environments", incluída na 13th IEEE International Conference on Industrial Informatics (INDIN'15), que decorreu em Cambridge, UK, de 22 a 24 de julho de 2015. (2015/07/22 - 2015/07/24)

Conference (Other)

2015/03/17 - 2015/03/19

Chair da Track "Industrial Automation, Communication, Networking and Informatics" incluída na IEEE

International Conference on Industrial Technology (ICIT'15), que decorreu em Seville, Spain. (2015/03 - 2015/03)

Conference (Other)

2014/10/28 - 2014/11/01

Chair da Track "Industrial informatics & factory automation" incluída na 40th Annual Conference of the IEEE Industrial Electronics Society (IECON'14), que decorreu em Dallas, US. (2014/10)

2014/10/28 - 2014/11/01

Organização da sessão especial intitulada "Engineering Paradigms for Automated Facilities", incluída na 40th Annual Conference of the IEEE Industrial Electronics Society (IECON'14), que decorreu em Dallas, USA, de 28 outubro a 1 November de 2014. (2014/10/28 - 2014/11/01)

Conference (Other)

2014/10/08 -
2014/10/08

Publicity chair da IEEE International Workshop on Intelligent Energy Systems (IWIES'14), que decorreu em San Diego, US. (2014/10 - 2014/10)

Conference (Other)

2014/07/27 -
2014/07/30

Chair das Sessões Especiais na 12th IEEE International Conference on Industrial Informatics (INDIN'14), Porto Alegre, Brasil. (2014/07 - 2014/07)

2014/07/27 -
2014/07/30

Organização da sessão especial intitulada "Industrial Agents and Self-Organisation/Self-Adaptation", incluída na 12th IEEE International Conference on Industrial Informatics (INDIN 2014), Porto Alegre, Brazil, de 27 a 30 de July 2014. (2014/07/27 - 2014/07/30)

Conference (Other)

2014/06/01 -
2014/06/04

Organização da sessão especial intitulada "Distributed Intelligent Systems in Industrial Environments", incluída na 23rd IEEE International Symposium on Industrial Electronics (ISIE'14), que decorreu em Istanbul, Turkey. (2014/06/01 - 2014/06/04)

Conference (Other)

2014/02/26 -
2014/03/01

Organização da sessão especial intitulada "Engineering of Automated Facilities", incluída na 15th IEEE International Conference on Industrial

Technology (ICIT'14), que decorreu em Busan, Korea. (2014/02/26 - 2014/03/01)

Conference (Other)

2013/11/14 - 2013/11/14

Publicity chair da IEEE International Workshop on Intelligent Energy Systems (IWIES'14), Viena, Austria. (2013/11 - 2013/11)

Conference (Other)

2013/11/10 - 2013/11/13

Chair da Track "Factory Automation & Industrial Informatics" incluída na 39th Annual Conference of the IEEE Industrial Electronics Society (IECON'13), que decorreu em Viena, Austria. (2013/11 - 2013/11)

Conference (Other)

2013/11/10 - 2013/11/13

Organização da sessão especial intitulada "Engineering Paradigms for Automated Facilities", incluída na 39th Annual Conference of the IEEE Industrial Electronics Society (IECON'13), que decorreu em Viena, Austria, de 10 a 13 de November de 2013. (2013/11/10 - 2013/11/13)

Conference (Other)

2013/11/10 - 2013/11/13

Organização da sessão especial intitulada "Industrial Agents", incluída na 39th Annual Conference of the IEEE Industrial Electronics Society (IECON'13), que decorreu em Viena, Austria, de 10 a 13 de novembro de 2013. (2013/11/10 - 2013/11/13)

Conference (Other)

2013/10/13 - 2013/10/16

Organização da sessão especial intitulada "Intelligent and Adaptive Production Management", incluída na IEEE International Conference on Systems, Man and Cybernetics (SMC 2013), que decorreu em Manchester, UK, de 13 a 16 de outubro de 2013. (2013/10/13 - 2013/10/16)

Conference (Other)

2013/07/29 - 2013/07/31

Chair das Sessões Especiais na 11th IEEE International Conference on Industrial Informatics (INDIN'13), que decorreu em Bochum, Alemanha. (2013/07 - 2013/07)

Conference (Other)

2013/05/28 - 2013/05/31	Organização da sessão especial intitulada "Resilience and Security in Industrial Agents and Cyber-physical Systems", incluída na 22nd IEEE International Symposium on Industrial Electronics (ISIE'13), que decorreu em Taipei, Taiwan. (2013/05/28 - 2013/05/31) Conference (Other)
2013/05/22 - 2013/05/24	Organização da sessão especial intitulada "Cooperative and Re-configurable MultiAgent System for Industrial Environments", incluída na 11th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS'13), que decorreu em Salamanca, Espanha, de 22 a 24 de maio de 2013. (2013/05/22 - 2013/05/24) Conference (Other)
2013/02/25 - 2013/02/27	Chair da Track "Industrial Automation, Communication & Informatics" incluída na IEEE International Conference on Industrial Technology (ICIT 2013), Cape Town, Africa do Sul. (2013/02 - 2013/02) Conference (Other)
2012/10/25 - 2012/10/28	Organização da sessão especial intitulada "Research and Development Projects on Industrial Agents", incluída na 38th Annual Conference of the IEEE Industrial Electronics Society (IECON 2012), Montreal, Canada, de 25 a 28 de outubro de 2012. (2012/10/25 - 2012/10/28) Conference (Other)
2012/10/25 - 2012/10/28	Organização da sessão especial intitulada "Industrial Applications of Holonic and Multi-Agent Systems", incluída na 38th Annual Conference of the IEEE Industrial Electronics Society (IECON 2012), que decorreu em Montreal, Canada, de 25 a 28 de outubro de 2012. (2012/10/25 - 2012/10/28) Conference (Other)
2012/10/25 - 2012/10/28	Organização da sessão especial intitulada "Petri nets Fifty Years After: Applications and Theory for Industry Electronics" incluída na 38th Annual Conference of the IEEE Industrial Electronics Society (IECON 2012), que decorreu em Montreal, Canada, de 25 a 28 de outubro de 2012. (2012/10/25 - 2012/10/28)

Conference (Other)

2012/09/17 - 2012/09/21 Organização da sessão especial intitulada "Distributed and Autonomous Intelligent Systems", incluída na 13th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA'12), Cracóvia, Polónia. (2012/09/17 - 2012/09/21)

Conference (Other)

2012/09/14 - 2012/09/14 Workshop on Technologies for the Organization, Adaptation, and Simulation of Transport Systems (TOASTS'12) (2012/09/14 - 2012/09/14)

Conference (Co-organisor)

2012/07/13 - 2012/07/16 Chair das Sessões Especiais na 10th IEEE International Conference on Industrial Informatics (INDIN 2012), Beijing, China. (2012/07 - 2012/07)

Conference (Other)

2012/05/28 - 2012/05/31 Chair da Track "Industrial Informatics and Factory Automation" incluída na 21st IEEE International Symposium on Industrial Electronics (ISIE 2012), Hangzhou, China. (2012/05 - 2012/05)

Conference (Other)

2012/05/28 - 2012/05/31 Organização da sessão especial intitulada "New Automation System Paradigms in Industry", incluída na 21st IEEE International Symposium on Industrial Electronics (ISIE 2012), Hangzhou, China, de 28 a 31 de maio de 2012. (2012/05/28 - 2012/05/31)

Conference (Other)

2012/03/28 - 2012/03/30 Organização da sessão especial intitulada "Cooperative and Re-configurable MultiAgent System for Industrial Environments", incluída na 10th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS 2012), Salamanca, Espanha, de 28 a 30 de março de 2012. (2012/03/28 - 2012/03/30)

Conference (Other)

2011/09/05 - 2011/09/09 Organização da sessão especial intitulada "Applying Agent-based Technology in Industrial Systems",

incluída na 16th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA 2011), que decorreu em Toulouse, France, de 5 a 9 de setembro de 2011 (2011/09/05 - 2011/09/09)

Conference (Other)

2011/08/29 - 2011/08/31

5th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS 2011) (2011/08/29 - 2011/08/31)

Conference

2011/07/26 - 2011/07/29

Chair das Sessões Especiais na 9th IEEE International Conference on Industrial Informatics (INDIN'11), que decorreu em Lisboa, Portugal. (2011/11 - 2011/11)

Conference (Other)

2011/07/26 - 2011/07/29

Organização da sessão especial intitulada "Agent-Directed Simulation for Industrial Applications", incluída na 9th IEEE International Conference on Industrial Informatics (INDIN'11), que decorreu em Lisboa, Portugal. (2011/07/26 - 2011/07/29)

Conference (Other)

2011/06/27 - 2011/06/30

Organização da sessão especial intitulada "Agent Technology in Manufacturing Automation", incluída na 20th IEEE International Symposium on Industrial Electronics (ISIE 2011), que decorreu em Gdansk, Polónia, de 27 a 30 de junho de 2011. (2011/06/27 - 2011/06/30)

Conference (Other)

2011/05/25 - 2011/05/27

Organização da sessão especial intitulada "Service-Oriented Control in Holonic Manufacturing", incluída na International Conference on Industrial Engineering and Systems Management (IESM 2011), que decorreu em Metz, França, de 25 a 27 de maio de 2011. (2011/05/25 - 2011/05/27)

Conference (Other)

2010/11/07 - 2010/11/10

Organização da sessão especial intitulada "Bio-inspired Techniques and Algorithms with Application in Industrial Systems", incluída na 35th IEEE Annual Conference of the IEEE Industrial Electronics Society (IECON'10), Glendale, US, de 7 a 10 de novembro de

2010. (2010/11/07 - 2010/11/10)

Congress (Other)

2010/07/13 - 2010/07/16

Chair da Track "Factory Automation" incluída na 8th IEEE International Conference on Industrial Informatics (INDIN'10), Osaka, Japão. (2010/07 - 2010/07)

Conference (Other)

2010/07/04 -
2010/07/07

Organização da sessão especial intitulada "Collaborative Systems in Industrial Automation", incluída na IEEE International Symposium on Industrial Electronics (ISIE'10), que decorreu em Bari, Itália, de 4 a 7 de julho de 2010. (2010/07/04 - 2010/07/07)

Conference (Other)

2010/07/01 -
2010/07/02

10th IFAC Workshop on Intelligent Manufacturing Systems (IMS'10) (2010/07/01 - 2010/07/02)

Conference (Co-organisor)

2008/09/15 -
2008/09/18

Organização da sessão especial intitulada "Industrial Agents", incluída na 13th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA'08), Hamburgo, Alemanha, de 15 a 18 de setembro de 2008. (2008/09/15 - 2008/09/18)

Conference (Other)

2008/06/23 -
2008/06/25

Organização da sessão especial intitulada "Self-Adaptation Approaches", incluída na 8th IFIP International Conference on Information Technology for Balanced Automation Systems in Manufacturing and Services (BASYS'08), Porto, Portugal, de 23 a 25 de junho de 2008. (2008/06/23 - 2008/06/25)

Conference (Other)

Event participation

Activity description
Type of event

Event name
Institution / Organization

2005/11/24 - Current

Participation in international congress "49° Convegno Nazionale ANIPLA (Associazione Nazionale Italiana per L'Automazione)", Naples, Italy.

Congress

49° Convegno Nazionale ANIPLA

2020/02/26 - 2020/02/28	Participation in international conference "IEEE International Conference on Industrial Technology (ICIT'20)", Buenos Aires, Argentina.	IEEE International Conference on Industrial Technology (ICIT'20)
2019/10/14 - 2019/10/17	Participation in international conference "45th Annual Conference of the IEEE Industrial Electronics Society (IECON'19)", Lisbon, Portugal. Conference	45th Annual Conference of the IEEE Industrial Electronics Society (IECON'19) IEEE Industrial Electronics Society, United States
2019/10/14 - 2019/10/17	Chair da sessão intitulada "Smart Building Technologies" incluída na 45th Annual Conference of the IEEE Industrial Electronics Society (IECON'19). Conference	45th Annual Conference of the IEEE Industrial Electronics Society (IECON'19)
2019/10/14 - 2019/10/17	Chair da sessão intitulada "Cyber Physical Systems and IoT 2" incluída na 45th Annual Conference of the IEEE Industrial Electronics Society (IECON'19), Lisbon, Portugal Conference	45th Annual Conference of the IEEE Industrial Electronics Society (IECON'19)
2019/10/03 - 2019/10/04	Participation in international conference "9th International Workshop on Service-oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future (SOHOMA'19)", Valencia, Spain. Workshop	9th International Workshop on Service-oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future (SOHOMA'19) Université Polytechnique Hauts-de-France, France Universitat Politècnica de València, Spain Instituto Politécnico de Bragança, Portugal University Politehnica of Bucharest , Romania
2019/10/03 - 2019/10/04	Chair da sessão intitulada "Control Approaches in Cyber-Physical Production Systems for Industry 4.0" incluída na 9th Workshop on Service Oriented, Holonic and Multi-agent Manufacturing Systems for Industry of the Future (SOHOMA'19), Valencia, Spain. Conference	9th Workshop on Service Oriented, Holonic and Multi-agent Manufacturing Systems for Industry of the Future
2019/09/23 - 2019/09/25	Participation in international conference "20th Working Conference on Virtual Enterprises (PRO-VE'19)", Turim, Italy. Conference	20th Working Conference on Virtual Enterprises (PRO-VE'19)

2019/09/03 - 2019/09/06	Participation in international conference "XL Jornadas de Automatica", Ferrol, Spain. Other	XL Jornadas de Automatica Comite Español de Automatica, Spain Universidade da Coruña - Campus de Esteiro, Spain Universidade da Coruña Escola Politécnica Superior, Spain IEEE, United States
2019/07/22 - 2019/07/25	Participation in international conference "17th International Conference on Industrial Informatics (INDIN'19)", Helsinki-Espoo, Finland. Conference	17th International Conference on Industrial Informatics (INDIN'19)
2019/07/22 - 2019/07/25	Chair da sessão intitulada "Artificial Intelligence in Industrial Applications -1" incluída na 19th IEEE International Conference on Industrial Informatics (INDIN'19), Helsinki-Espoo, Finland. Conference	19th IEEE International Conference on Industrial Informatics (INDIN'19)
2019/07/22 - 2019/07/25	Chair da sessão intitulada "SS10 - Integration of Software Agents and Low-level Automation Functions" incluída na 19th IEEE International Conference on Industrial Informatics (INDIN'19), Helsinki-Espoo, Finland. Conference	19th IEEE International Conference on Industrial Informatics (INDIN'19)
2019/07/22 - 2019/07/25	Chair da sessão intitulada "SS12 - Innovative Technologies and Methods for Zero Defects Manufacturing on Industrial Cyber-Physical Systems Context" incluída na 19th IEEE International Conference on Industrial Informatics (INDIN'19), Helsinki-Espoo, Finland. Conference	19th IEEE International Conference on Industrial Informatics (INDIN'19)
2019/07/18 - 2019/07/20	Participation in international conference "16th IEEE International Conference on Industrial Informatics (INDIN'18)", Porto, Portugal. Conference	16th IEEE International Conference on Industrial Informatics (INDIN'18)
2019/06/12 - 2019/06/14	Participation in international conference "28th International Symposium on Industrial Electronics (ISIE'19)", Vancouver, Canada.	28th International Symposium on Industrial Electronics (ISIE'19)
2019/05/06 - 2019/05/09	Participation in international conference "IEEE International Conference on Industrial Cyber-Physical Systems (ICPS'19)", Taipei, Taiwan.	IEEE International Conference on Industrial Cyber-Physical Systems (ICPS'19)

Conference

2019/05/06 - 2019/05/08	Chair da sessão intitulada "ICPS Applications II" incluída na 2nd IEEE International Conference on Industrial Cyber-Physical Systems (ICPS'19), Taipei, Taiwan. Conference	2nd IEEE International Conference on Industrial Cyber-Physical Systems (ICPS'19)
2018/07/18 - 2018/07/20	Chair da sessão intitulada "Innovative Technologies and Methods for Zero Defect Manufacturing on Industrial Cyber-Physical Systems Context" incluída na 16th IEEE International Conference on Industrial Informatics (INDIN 2018), Porto, Portugal. Conference	16th IEEE International Conference on Industrial Informatics (INDIN 2018)
2018/06/13 - 2018/06/15	Participation in international symposium "27th IEEE International Symposium on Industrial Electronics (ISIE 2018)", Cairns, Australia. Symposium	27th IEEE International Symposium on Industrial Electronics (ISIE 2018)
2018/06/13 - 2018/06/15	Chair da sessão intitulada "Industrial Informatics & Cloud Computing" incluída na 27th IEEE International Symposium on Industrial Electronics (ISIE 2018), Cairns, Australia. Conference	27th IEEE International Symposium on Industrial Electronics (ISIE 2018)
2017/10/29 - 2017/11/01	Participation in international conference "43rd Annual Conference of the IEEE Industrial Electronics Society (IECON 2017)", Beijing, China. Conference	43rd Annual Conference of the IEEE Industrial Electronics Society (IECON' 17)
2017/10/29 - 2017/11/01	Chair da sessão intitulada "SS Intelligent Agents in Industrial Systems and Applications" incluída na 43rd Annual Conference of the IEEE Industrial Electronics Society (IECON 2017), Beijing, China, 29 de outubro a 1 de novembro de 2017. Conference	43rd Annual Conference of the IEEE Industrial Electronics Society (IECON 2017)
2017/10/19 - 2017/10/20	Participation in international workshop "7th Workshop on Service Orientation in Holonic and Multi-Agent Manufacturing (SOHOMA 2017)", Nantes, France. Workshop	7th Workshop on Service Orientation in Holonic and Multi-Agent Manufacturing (SOHOMA 2017)

2017/08/28 - 2017/08/30	Participation in international conference "8th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS 2017)", Lyon, France. Conference	8th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS 2017)
2017/07/24 - 2017/07/26	Participation in international conference "15th IEEE International Conference on Industrial Informatics (INDIN 2017)", Emden, Germany. Conference	15th IEEE International Conference on Industrial Informatics (INDIN 2017)
2017/07/24 - 2017/07/26	Chair da sessão intitulada "SS03: Smart Data and Data Analytics for Automation and Manufacturing Systems" incluída na 15th IEEE International Conference on Industrial Informatics (INDIN'17), Emden, Germany. Conference	15th IEEE International Conference on Industrial Informatics (INDIN'17)
2017/07/12 - 2017/07/15	Chair da sessão intitulada "Comunicações Oraís 7" incluída no III Congresso Ibero-Americano de Empreendedorismo, Energia, Ambiente e Tecnologia (CIEEMAT'17), Bragança, Portugal, 12 - 15 julho de 2017. Conference	III Congresso Ibero-Americano de Empreendedorismo, Energia, Ambiente e Tecnologia (CIEEMAT'17)
2017/06/21 - 2017/06/23	Chair da sessão intitulada "Privacy & Security/trust" incluída na 15th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS'17), Porto, Portugal. Conference	15th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS'17)
2017/06/18 - 2017/06/20	Participation in international conference "12th IEEE Conference on Industrial Electronics and Applications (ICIEA 2017)", Siem Reap, Camboja. Conference	12th IEEE Conference on Industrial Electronics and Applications (ICIEA 2017)
2017/05/11 - 2017/05/11	Participation in the discussion panel "Indústria 4.0 e Economia Digital - Desafios Emergentes" Round table	Semana da Tecnologia e Gestão (STG'17) Instituto Politécnico de Bragança Escola Superior de Tecnologia e Gestão, Portugal
2017/05/04 - 2017/05/04	Participation in the discussion panel entitled "Cyber-Physical Systems in Industry 4.0" Round table	8th Advanced Doctoral Conference on Computing, Electrical and Industrial Systems (DoCEIS 2017)

2016/10/24 - 2016/10/27	Participation in international conference "42nd Annual Conference of the IEEE Industrial Electronics Society (IECON'16)", Florence, Italy. Conference	42nd Annual Conference of the IEEE Industrial Electronics Society (IECON'16)
2016/10/23 - 2016/10/27	Chair das sessões intituladas "New trends in education regarding cyber-physical systems and industrial agents" e "Engineering system-of-systems towards flexible and reconfigurable industrial production environment" incluídas na 42nd Annual Conference of the IEEE Industrial Electronics Society (IECON'16), Florença, Itália. Conference	42nd Annual Conference of the IEEE Industrial Electronics Society (IECON'16)
2016/10/06 - 2016/10/07	Participation in international workshop "6th Workshop on Service Orientation in Holonic and Multi-Agent Manufacturing (SOHOMA'16)", Lisboa, Portugal. Workshop	6th Workshop on Service Orientation in Holonic and Multi-Agent Manufacturing (SOHOMA'16)
2016/07/19 - 2016/07/22	Participation in international conference "14th IEEE International Conference on Industrial Informatics (INDIN'16)", Poitiers, France. Conference	14th IEEE International Conference on Industrial Informatics (INDIN'16)
2016/07/19 - 2016/07/22	Chair das sessões intituladas "TT09 - Wireless, Cyber-Physical and Cloud Technologies" e "SS05 - Cyber-Physical Systems: from Technological Solutions to Real Industrial Applications" incluídas na 14th IEEE International Conference on Industrial Informatics (INDIN'16), Poitiers, France. Conference	14th IEEE International Conference on Industrial Informatics (INDIN'16)
2016/06/20 - 2016/06/20	Participation in the discussion panel "Como podem as empresas e instituições regionais beneficiar da produção científica disponibilizada em acesso aberto?" Round table	10 anos de Ciência Aberta no IPB Instituto Politécnico de Bragança, Portugal
2016/06/08 - 2016/06/10	Participation in international symposium "25th IEEE International Symposium on Industrial Electronics (ISIE'16)", Santa Clara, California, US. Symposium	25th IEEE International Symposium on Industrial Electronics (ISIE'16)
2016/06/08 - 2016/06/10	Chair da sessão intitulada "ACI - Automation, Communication and Informatics / Resilience and Security for	25th IEEE International Symposium on Industrial Electronics (ISIE'16)

Industrial Applications" incluída na 25th IEEE International Symposium on Industrial Electronics (ISIE'16), Santa Clara, California, US.

Conference

2016/01/18 - 2016/01/22	Participação num programa de mobilidade ERASMUS+ na PWSZ Kalisz, Polónia, no âmbito do programa comunitário Sócrates.	ERASMUS+ na PWSZ Kalisz
	Other	
2015/11/09 - 2015/11/12	Participation in international conference "41st Annual Conference of the IEEE Industrial Electronics Society (IECON'15)", Yokohama, Japan.	41st Annual Conference of the IEEE Industrial Electronics Society (IECON'15)
	Conference	
2015/11/09 - 2015/11/12	Chair das sessões intituladas "Big Data Analytics for Industrial Informatics" e "Engineering Paradigms for Automated Facilities" incluídas na 41st Annual Conference of the IEEE Industrial Electronics Society (IECON'15), Yokohama, Japan.	41st Annual Conference of the IEEE Industrial Electronics Society (IECON'15)
	Conference	
2015/11/05 - 2015/11/06	Participation in international workshop "5th Workshop on Service Orientation in Holonic and Multi-Agent Manufacturing (SOHOMA'15)", Cambridge, UK.	5th Workshop on Service Orientation in Holonic and Multi-Agent Manufacturing (SOHOMA'15)
	Workshop	
2015/09/08 - 2015/09/11	Participation in international conference "20th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA'15)", Luxembourg.	20th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA'15)
	Conference	
2015/09/08 - 2015/09/11	Chair das sessões intituladas "SS02.1: Advanced Flexibility Methods in Engineering & Operation of Automated Production Systems" e "SS02.2: Advanced Flexibility Methods in Engineering & Operation of Automated Production Systems", incluídas na 20th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA'15), Luxembourg.	20th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA'15)
	Conference	
2015/07/22 - 2015/07/25	Participation in international conference "13th IEEE International Conference on Industrial Informatics	13th IEEE International Conference on Industrial Informatics (INDIN'15)

(INDIN'15)", Cambridge, UK.

Conference

2015/07/22 - 2015/07/25	Chair da sessão de posters 1 e da sessão intitulada "Advanced Automation Methods and Concepts Applied to Industrial Environments" incluídas na 13th IEEE International Conference on Industrial Informatics (INDIN'15), Cambridge, UK.	13th IEEE International Conference on Industrial Informatics (INDIN'15)
	Conference	
2015/06/22 - 2015/06/25	Participation in international conference "XVII International Conference on Complex Systems: Control and Modeling Problems (CSCMP'15)", Samara, Russia.	XVII International Conference on Complex Systems: Control and Modeling Problems (CSCMP'15)
	Conference	
2015/06/15 - 2015/06/17	Participation in international conference "10th IEEE Conference on Industrial Electronics and Applications (ICIEA'15)", Auckland, New Zealand, 15-17 June 2015.	10th IEEE Conference on Industrial Electronics and Applications (ICIEA'15)
	Conference	
2015/06/15 - 2015/06/17	Chair da sessão intitulada "Industrial Informatics II" incluída na 10th IEEE Conference on Industrial Electronics and Applications (ICIEA'15), Auckland, New Zealand.	10th IEEE Conference on Industrial Electronics and Applications (ICIEA'15)
	Conference	
2015/03/17 - 2015/03/19	Participation in international conference "IEEE International Conference on Industrial Technology (ICIT'15)", Sevilha, Spain.	IEEE International Conference on Industrial Technology (ICIT'15)
	Conference	
2015/03/17 - 2015/03/19	Chair da sessão intitulada "Industrial Automation, Communication, Networking and Informatics 5" incluída na IEEE International Conference on Industrial Technology (ICIT'15), Sevilha, Espanha.	IEEE International Conference on Industrial Technology (ICIT'15)
	Conference	
2014/11/05 - 2014/11/06	Participation in international workshop "4th Workshop on Service Orientation in Holonic and Multi-Agent Manufacturing (SOHOMA'14)", Nancy, France.	4th Workshop on Service Orientation in Holonic and Multi-Agent Manufacturing (SOHOMA'14)
	Workshop	

2014/10/29 - 2014/11/01	Participation in international conference "40th Annual Conference of the IEEE Industrial Electronics Society (IECON'14)", Dallas, US. Conference	40th Annual Conference of the IEEE Industrial Electronics Society (IECON'14)
2014/10/29 - 2014/11/01	Chair das sessões intituladas "TT Industrial Informatics and factory automation I" e "SS Engineering paradigms for automated facilities", incluídas na 40th Annual Conference of the IEEE Industrial Electronics Society (IECON'14), realizada em Dallas, US. Conference	40th Annual Conference of the IEEE Industrial Electronics Society (IECON'14)
2014/07/26 - 2014/07/29	Participation in international conference "2th IEEE International Conference on Industrial Informatics (INDIN'14)", Porto Alegre, Brazil. Conference	2th IEEE International Conference on Industrial Informatics (INDIN'14)
2014/07/26 - 2014/07/29	Chair da sessão intitulada "DNCS B - Distributed and Networked Control Systems" incluída na 2th IEEE International Conference on Industrial Informatics (INDIN'14), Porto Alegre, Brazil. Conference	2th IEEE International Conference on Industrial Informatics (INDIN'14)
2014/06/01 - 2014/06/04	Participation in international conference "IEEE International Symposium on Industrial Electronics (ISIE'14)", Istambul, Turkey. Conference	IEEE International Symposium on Industrial Electronics (ISIE'14)
2014/06/01 - 2014/06/04	Chair da sessão intitulada "Distributed Intelfigent Systems in Industrial Environments I", incluída na IEEE International Symposium on Industrial Electronics (ISIE'14), realizada em Istambul, Turkey. Conference	IEEE International Symposium on Industrial Electronics (ISIE'14)
2014/05/19 - 2014/05/23	Participação num programa de mobilidade de professores ERASMUS na Lilebaelt Academy, Dinamarca, no âmbito do programa comunitário Sócrates, com a apresentação de duas aulas intituladas "Flexible Manufacturing Systems and Robotics" e "Cyber-physical Systems" com a duração total de 5 horas. Other	ERASMUS na Lilebaelt Academy

2013/11/10 - 2013/11/13	Participation in international conference "39th Annual Conference of the IEEE Industrial Electronics Society (IECON'13)", Viena, Austria. Conference	39th Annual Conference of the IEEE Industrial Electronics Society (IECON'13)
2013/11/10 - 2013/11/13	Chair da sessão SS37 intitulada "Engineering Paradigms for Automated Facilities", e da sessão SS47 intitulada "Industrial Agents", incluídas na 39th Annual Conference of the IEEE Industrial Electronics Society (IECON'13), realizada em Viena, Austria. Conference	39th Annual Conference of the IEEE Industrial Electronics Society (IECON'13)
2013/10/13 - 2013/10/16	Participation in international conference "IEEE International Conference on Systems, Man, and Cybernetics (SMC'13)", Manchester, UK. Conference	IEEE International Conference on Systems, Man, and Cybernetics (SMC'13)
2013/08/26 - 2013/08/28	Participation in international conference "6th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS 2013)", Prague, Czech Republic. Conference	6th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'13)
2013/08/26 - 2013/08/28	Chair da sessão Session 7 intitulada "New Trends I", incluída na 6th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'13), realizada em Prague, Czech Republic. Conference	6th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'13)
2013/05/28 - 2013/05/31	Participation in international symposium "22nd IEEE International Symposium on Industrial Electronics (ISIE 2013)", Taipei, Taiwan. Symposium	22nd IEEE International Symposium on Industrial Electronics (ISIE 2013)
2013/05/28 - 2013/05/31	Chair da sessão SS15 intitulada "SS15 - Concepts and Technologies for Factories of the Future", incluída na 22nd IEEE International Symposium on Industrial Electronics (ISIE 2013), realizada em Taipei, Taiwan. Conference	22nd IEEE International Symposium on Industrial Electronics (ISIE 2013)
2013/02/25 - 2013/02/27	Participation in international conference "IEEE International Conference on Industrial Technology (ICIT'13)", Viena, Austria. Conference	IEEE International Conference on Industrial Technology (ICIT'13)

(ICIT 2013)", Cape Town, South Africa.

Conference

2013/02/25 - 2013/02/27	Chair da sessão intitulada "Signal and Image Processing and Computational Intelligence 4", incluída na IEEE International Conference on Industrial Technology (ICIT 2013), realizada em Cape Town, South Africa.	IEEE International Conference on Industrial Technology (ICIT'13)
	Conference	
2012/10/25 - 2012/10/28	Participation in international conference "38th Annual Conference of the IEEE Industrial Electronics Society (IECON 2012)", Montreal, Canada.	38th Annual Conference of the IEEE Industrial Electronics Society (IECON'12)
	Conference	
2012/10/25 - 2012/10/28	Chair da sessão intitulada "Research and Development Projects on Industrial Agents" e "Petri Nets Fifty Years After: Applications and Theory for Industrial Eletronics", incluída na 38th Annual Conference of the IEEE Industrial Electronics Society (IECON 2012), realizada em Montreal, Canada.	38th Annual Conference of the IEEE Industrial Electronics Society (IECON'12)
	Conference	
2012/10/27 - 2012/10/27	Lecturing the tutorial entitled "Towards Industrial Implementation of Cyber-Physical Systems Merging Service-oriented and Multi-agent System Infra-structures" at the 38th Annual Conference of the IEEE Industrial Electronics Society (IECON'12)	38th Annual Conference of the IEEE Industrial Electronics Society (IECON'12)
	Conference	
2012/09/24 - 2012/09/25	Participation in international workshop about "Intelligent Product", Cambridge, UK.	Intelligent Product
	Workshop	
2012/05/28 - 2012/05/31	Participation in international symposium "21st IEEE International Symposium on Industrial Electronics (ISIE 2012)", Hangzhou, China.	21st IEEE International Symposium on Industrial Electronics (ISIE'12)
	Symposium	
2012/05/28 - 2012/05/31	Chair da sessão TT-7 intitulada "Industrial Informatics and Factory Automation", incluída na 21st IEEE International Symposium on Industrial Electronics (ISIE 2012), Hangzhou, China.	21st IEEE International Symposium on Industrial Electronics (ISIE'12)
	Conference	

2011/12/08 - 2011/12/09	Participation in international conference "International Conference Beyond AI: Interdisciplinary Aspects of Artificial Intelligence", Pilsen, Czech Republic. Conference	International Conference Beyond AI: Interdisciplinary Aspects of Artificial Intelligence,
2011/12/08 - 2011/12/08	Chair da sessão n. 2 incluída na conferência Beyond AI: Interdisciplinary Aspects of Artificial Intelligence, realizada em Pilsen, República Checa. Conference	Beyond AI: Interdisciplinary Aspects of Artificial Intelligence
2011/11/07 - 2011/11/10	Participation in international conference "37th Annual Conference of the IEEE Industrial Electronics Society (IECON'11)", Melbourne, Australia. Conference	37th Annual Conference of the IEEE Industrial Electronics Society (IECON'11)
2011/11/07 - 2011/11/10	Chair da sessão TT2-1 FAAl intitulada "Reconfigurable and Flexible Automation", incluída na 37th Annual Conference of the IEEE Industrial Electronics Society (IECON'11), realizada em Melbourne, Australia. Conference	37th Annual Conference of the IEEE Industrial Electronics Society (IECON'11)
2011/08/29 - 2011/08/31	Participation in international conference "5th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'11)", Toulouse, France. Conference	5th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'11)
2011/08/29 - 2011/08/31	Chair da sessão intitulada "Simulation and Modelling 1", incluída na 5th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'11), realizada em Toulouse, France. Conference	5th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'11)
2011/07/26 - 2011/07/29	Participation in international conference "9th IEEE International Conference on Industrial Informatics (INDIN'11)", Lisbon, Portugal. Conference	9th IEEE International Conference on Industrial Informatics (INDIN'11)
2011/07/26 - 2011/07/29	Chair das sessões intituladas "SS06A - Knowledge Management Applications in Service Eng." e intitulada "SS05D - Modern Software Eng. Methods and Approaches in Industrial Informatics", incluídas na 9th IEEE International Conference on Industrial Informatics	9th IEEE International Conference on Industrial Informatics (INDIN'11)

(INDIN 2011), realizada em Lisbon, Portugal.

Conference

2011/06/27 - 2011/06/30	Participation in international symposium "20th IEEE International Symposium on Industrial Electronics (ISIE'11)", Gdansk, Poland.	20th IEEE International Symposium on Industrial Electronics (ISIE'11).
	Symposium	
2011/06/27 - 2011/06/30	Chair da sessão intitulada "Agent Technology in Manufacturing Automation", incluída na 20th IEEE International Symposium on Industrial Electronics (ISIE'11), realizada em Gdansk, Poland.	20th IEEE International Symposium on Industrial Electronics (ISIE'11)
	Conference	
2010/11/07 - 2010/11/10	Participation in international conference "36th Annual Conference of the IEEE Industrial Electronics Society (IECON'10)", Glendale, US.	36th Annual Conference of the IEEE Industrial Electronics Society (IECON'10)
	Conference	
2010/07/13 - 2010/07/16	Participation in international conference "8th IEEE International Conference on Industrial Informatics (INDIN'10)", Osaka, Japan.	8th IEEE International Conference on Industrial Informatics (INDIN'10)
	Conference	
2010/07/13 - 2010/07/16	Chair da sessão intitulada "Factory Automation", incluída na 8th IEEE International Conference on Industrial Informatics (INDIN'10), realizada em Osaka, Japão.	8th IEEE International Conference on Industrial Informatics (INDIN'10)
	Conference	
2010/07/04 - 2010/07/06	Participation in international symposium "IEEE International Symposium on Industrial Electronics (ISIE'10)", Bari, Italy.	IEEE International Symposium on Industrial Electronics (ISIE'10)
	Symposium	
2010/07/04 - 2010/07/06	Chair da sessão intitulada "Factory Automation and Industrial Informatics", incluída na IEEE International Symposium on Industrial Electronics (ISIE'10), realizada em Bari, Itália.	IEEE International Symposium on Industrial Electronics (ISIE'10)
	Conference	
2010/07/01 - 2010/07/02	Participation in international workshop "10th IFAC Workshop on Intelligent Manufacturing Systems (IMS'10)", Lisboa, Portugal.	10th IFAC Workshop on Intelligent Manufacturing Systems (IMS'10)

Workshop

2010/07/01 - 2010/07/02	Chair da sessão intitulada "Holonic and Multi-agent Systems II", incluída na 10th IFAC Workshop on Intelligent Manufacturing Systems (IMS'10), realizada em Lisboa, Portugal.	10th IFAC Workshop on Intelligent Manufacturing Systems (IMS'10)
	Conference	
2009/08/31 - 2009/09/02	Participation in international conference "4th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'09)", Linz, Austria.	4th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'09)
	Conference	
2009/08/31 - 2009/09/02	Chair da sessão intitulada "Selected Theoretical Aspects", incluída na 4th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'09), realizada em Linz, Austria.	4th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'09)
	Conference	
2008/10/09 - 2008/10/10	Participation in international workshop "9th IFAC Intelligent Manufacturing Systems Workshop (IMS'08)", Szczecin, Polónia.	9th IFAC Intelligent Manufacturing Systems Workshop (IMS'08), Szczecin, Polónia.
	Workshop	
2008/09/15 - 2008/09/18	Participation in international conference "13th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA'08)", Hamburgo, Germany.	13th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA'08)
	Conference	
2008/07/13 - 2008/07/16	Participation in international conference "6th IEEE International Conference on Industrial Information (INDIN'08)", Daejeon, South Korea.	6th IEEE International Conference on Industrial Information (INDIN'08)
	Conference	
2008/06/23 - 2008/06/25	Participation in international conference "IFIP International Conference on Information Technology for Balanced Manufacturing Systems (BASYS'08)", Porto, Portugal.	IFIP International Conference on Information Technology for Balanced Manufacturing Systems (BASYS'08)
	Conference	
2008/06/02 - 2008/06/06	Participação num programa de mobilidade de professores ERASMUS na Universidad de Las Palmas de Gran Canaria, Espanha, no âmbito do	ERASMUS

programa comunitário Sócrates, com a apresentação de duas aulas intituladas "Robótica" e "Modelação de Sistemas Discretos Conduzidos por Eventos" com a duração total de 8 horas.

Other

2008/03/09 - 2008/03/12	Participation in international conference "IEEE International Conference on Distributed Human-Machine Systems (DHMS'08)", Atenas, Greece. Conference	IEEE International International Conference on Distributed Human-Machine Systems (DHMS'08)
2007/09/03 - 2007/09/05	Participation in international conference "3rd International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'07)", Regensburg, Germany. Conference	3rd International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'07)
2007/09/03 - 2007/09/05	Chair da sessão intitulada "Planning and Scheduling I", incluída na 3rd International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'07), Regensburg, Alemanha. Conference	3rd International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'07)
2007/05/23 - 2007/05/25	Participation in international workshop "IFAC Intelligent Manufacturing Systems Workshop (IMS'07)", Alicante, Spain. Workshop	IFAC Intelligent Manufacturing Systems Workshop (IMS'07)
2007/05/23 - 2007/05/25	Chair da sessão intitulada "Modeling and Simulation", incluída na IFAC Intelligent Manufacturing Systems Conference (IMS'07), Alicante, Espanha. Conference	IFAC Intelligent Manufacturing Systems Conference (IMS'07)
2007/01/17 - 2007/01/18	Participation in international workshop "Manufacturing in FP7", Cardiff, Wales. Workshop	Manufacturing in FP7
2006/09/04 - 2006/09/06	Participation in international conference "7th IFIP International Conference on Information Technology for Balanced Automation Systems in Manufacturing and Services (BASYS'06)". Conference	7th IFIP International Conference on Information Technology for Balanced Automation Systems in Manufacturing and Services (BASYS'06)

2006/06/15 - 2006/06/16	Participation in international workshop "IEEE 2006 Workshop on Distributed Intelligent Systems", Praga, Czech Republic. Workshop	IEEE 2006 Workshop on Distributed Intelligent Systems
2006/05/17 - 2006/05/19	Participation in international symposium "12th IFAC Symposium on Information Control Problems in Manufacturing (INCOM'06), Saint-Etienne, France. Symposium	12th IFAC Symposium on Information Control Problems in Manufacturing (INCOM'06)
2006/05/17 - 2006/05/19	Chair da sessão intitulada "Multi-Agents III" incluída na 12th IFAC Symposium on Information Control Problems in Manufacturing (INCOM'06), Saint-Etienne, França. Symposium	12th IFAC Symposium on Information Control Problems in Manufacturing (INCOM'06)
2005/12/12 - 2005/12/15	Participation in international conference "44th IEEE International Conference on Decision and Control (CDC'05)", Sevilha, Spain. Conference	44th IEEE International Conference on Decision and Control (CDC'05), Sevilha, Spain.
2005/09/19 - 2005/09/22	Participation in international conference "10th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA'05)", Catânia, Italy. Conference	10th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA'05)
2005/08/22 - 2005/08/24	Participation in international conference "2nd International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'05)", Copenhagen, Denmark. Conference	2nd International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'05)
2004/09/27 - 2004/09/29	Participation in international conference "6th IFIP International Conference on Information Technology for Balanced Automation Systems in Manufacturing and Services (BASYS'04)", Viena, Áustria. Conference	6th IFIP International Conference on Information Technology for Balanced Automation Systems in Manufacturing and Services (BASYS'04)
2004/06/24 - 2004/06/26	Participation in international conference "2nd IEEE International Conference on Industrial Informatics (INDIN'04)", Berlim, Germany. Conference	2nd IEEE International Conference on Industrial Informatics (INDIN'04), Berlim, Germany, 24-26 June 2004.

2004/06/24 - 2004/06/26	Co-Chair das sessões intituladas "Collaborative Information Management" e "Applications" incluídas na 2nd IEEE International Conference on Industrial Informatics (INDIN'04), Berlim, Alemanha. Conference	2nd IEEE International Conference on Industrial Informatics (INDIN'04)
2004/04/05 - 2004/04/07	Participation in international symposium "11th IFAC Symposium on Information Control Problems in Manufacturing", Salvador da Baía, Brazil. 5-7 April 2004. Symposium	11th IFAC Symposium on Information Control Problems in Manufacturing
2003/09/16 - 2003/09/18	Participation in international conference "9th IEEE international conference on Emerging Technologies and Factory Automation", Lisboa, Portugal. Conference	9th IEEE international conference on Emerging Technologies and Factory Automation
2003/09/16 - 2003/09/18	Co-Chair da sessão intitulada "Computational Platforms for Automated Manufacturing Systems Engineering", incluída na 9th IEEE international Conference on Emerging Technologies and Factory Automation (ETFA'03), Lisboa, Portugal. Conference	9th IEEE international Conference on Emerging Technologies and Factory Automation (ETFA'03)
2003/09/01 - 2003/09/03	Participation in international conference "1st International conference on Industrial Applications of Holonic and Multi-agent Systems (HoloMAS'03)", Praga, Czech Republic Conference	1st International conference on Industrial Applications of Holonic and Multi-agent Systems (HoloMAS'03)
2003/09/01 - 2003/09/03	Chair da sessão intitulada "Applications" incluída na 1st International conference on Industrial Applications of Holonic and Multi-agent Systems (HoloMAS'03), Praga, República Checa. Conference	1st International conference on Industrial Applications of Holonic and Multi-agent Systems (HoloMAS'03)
2003/06/16 - 2003/06/18	Participation in international conference "3rd International/Central and Eastern European Conference on Multi-Agent Systems (CEEMAS'03)", Praga, Czech Republic. Conference	3rd International/Central and Eastern European Conference on Multi-Agent Systems (CEEMAS'03)
2003/06/16 - 2003/06/18	Chair da sessão intitulada "E-business and Virtual Organizations" incluída na 3rd International/Central and Eastern	3rd International/Central and Eastern European Conference on Multi-Agent Systems (CEEMAS'03)

European Conference on Multi-Agent Systems (CEEMAS'03), Praga, República Checa.

Conference

2003/04/06 - 2003/04/08	Participation in international workshop "7th IFAC Workshop on Intelligent Manufacturing Systems", Budapeste, Hungary.	7th IFAC Workshop on Intelligent Manufacturing Systems, Budapeste, Hungary, 6-8 April 2003.
	Workshop	
2002/11/05 - 2002/11/08	Participation in international conference "28th Annual Conference of the IEEE Industrial Electronics Society", Sevilha, Spain.	28th Annual Conference of the IEEE Industrial Electronics Society
	Conference	
2002/09/25 - 2002/09/27	Participation in international conference "5th IEEE/IFIP International Conference on Information Technology for Balanced Automation Systems in Manufacturing and Services (BASYS'02)", Cancun, Mexico.	5th IEEE/IFIP International Conference on Information Technology for Balanced Automation Systems in Manufacturing and Services (BASYS'02)
	Conference	
2002/09/02 - 2002/09/06	Participation in international workshop "13th International Workshop on Database and Expert Systems Applications (DEXA'02)", Aix en Provence, France.	13th International Workshop on Database and Expert Systems Applications (DEXA'02)
	Workshop	
2002/03/09 - 2002/03/15	Participação num programa de mobilidade de professores ERASMUS na Univerza de Ljubljana da Eslovénia, no âmbito do programa comunitário Sócrates, com a apresentação de uma aula intitulada "Tecnologias e Sistemas de Controlo em Automação" com a duração de 8 horas.	ERASMUS
	Other	
2001/10/15 - 2001/10/18	Participation in international conference "8th IEEE international conference on Emerging Technologies and Factory Automation", Antibes, France.	8th IEEE international conference on Emerging Technologies and Factory Automation
	Conference	
2001/05/21 - 2001/05/24	Participation in international conference "International Conference on Robotics and Manufacturing", Cancun, México.	International Conference on Robotics and Manufacturing
	Conference	

2000/09/18 - 2000/09/20	Participation in international conference "Internacional Advanced Summer Institute - Life Cycle Approaches to Production Systems: Management, Control, Supervision", Bordeaux, France. Conference	Internacional Advanced Summer Institute - Life Cycle Approaches to Production Systems: Management, Control, Supervision.
2000/06/21 - 2000/06/23	Participation in international conference "CIRP - Seminar on Intelligent Computation in Manufacturing Engineering (ICME'00)", Capri, Italy. Conference	- CIRP - Seminar on Intelligent Computation in Manufacturing Engineering (ICME'00)
1999/09/21 - 1999/09/23	Participation in international conference "Internacional Advanced Summer Institute - Life Cycle Approaches to Production Systems: Management, Control, Supervision", Leuven, Belgium. Conference	Internacional Advanced Summer Institute - Life Cycle Approaches to Production Systems: Management, Control, Supervision
1998/10/06 - 1998/10/08	Participation in international conference "Integration in Manufacturing (IIM'98)", Gotemburgo, Sweden. Conference	Integration in Manufacturing (IIM'98)
1997/06/25 - 1997/06/27	Participation in international conference "Flexible Automation and Intelligent Manufacturing (FAIM'97)", Middlesbrough. Conference	Flexible Automation and Intelligent Manufacturing (FAIM'97)
1997/05/14 - 1997/05/16	Participation in international conference "Integrated and Sustainable Industrial Production (ISIP'97)", Lisboa, Portugal. Congress	Integrated and Sustainable Industrial Production (ISIP'97)
1996/06 - 1996/06	2nd IEEE/ECLA/IFIP International Conference on Architectures and Design Methods for Balance Automation Systems (BASYS'96), Lisboa, Portugal. Conference	2nd IEEE/ECLA/IFIP International Conference on Architectures and Design Methods for Balance Automation Systems (BASYS'96)

Jury of academic degree

	Theme Role	Candidate name (Type of degree) Institution / Organization
2023/12/14	Development of a Transformer-Based Electrical Stimulation Driver for a Wearable Physiotherapy System	João Lucas Gonçalves (Master) Instituto Politécnico de Bragança, Portugal

(Thesis) Main arguer

2023/10/24	Escalonamento e Controle da Produção Utilizando Estratégias de Consenso Multiagente (Thesis) Main arguer	Alex Luiz de Sousa (PhD) Universidade Tecnológica Federal do Paraná, Brazil
2023/09/19	Desarrollo de Estrategias de Control Biocooperativo para Plataformas Robotizadas de Rehabilitación Neuromotora (Thesis) Main arguer	Ana Cisnal de la Rica (PhD) Universidad de Valladolid, Spain
2023/09/12	Estudo das Limitações Energéticas em Sensores Inteligentes sem Fios Compatíveis com a Norma IEEE1451 (Thesis) Main arguer	João Luís Dâmaso Pereira (PhD) Universidade da Beira Interior, Portugal
2023/06/27	Soluciones integradas de bajo costo para componentes de la Industria 4.0 (Thesis) Main arguer	Martín Alejandro Bär (Master) Universidad Tecnológica Nacional, Argentina
2023/04/21	ACOA: application quality of service aware orchestration architecture for the Edge to Cloud continuum President of the jury	Adrian Orive (PhD) Universidad del País Vasco, Spain
2023/03/08	Evaluating Resilience of Cyber-physical Social Systems: Using Graphical Security Models and Timed Coloured Petri nets (Thesis) Main arguer	Shabnam Pasandideh (PhD) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2023/03/02	Desenvolvimento de hardware modulado para condicionamento, digitalização e transmissão wireless de biosinais: eletrocardiograma, eletromiograma, saturação de oxigenação sanguínea e temperatura corporal (Thesis) Main arguer	Luiz Eduardo de Melo Luiz (Master) Instituto Politécnico de Bragança, Portugal
2023/02/01	A Control Framework for Industrial Plug & Produce (Thesis) Main arguer	Mattias Bennulf (PhD) Högskolan Väst, Sweden
2023/01/30	Standardized Infrastructure of Low Power Wide Area Networks for IoT (Thesis) Main arguer	LIU Yucheng (PhD) City University of Hong Kong, Hong Kong SAR China
2022/12/16	MAS-RECON: Plataforma de Gestión de Aplicaciones Distribuidas, Adaptables y Sensibles al Contexto President of the jury	Unai Gangoiti Gurtubay (PhD) Universidad del País Vasco, Spain

2022/11/18	Digitalização dos dados operacionais de uma pedreira utilizando conceitos da Indústria 4.0 (Thesis) Main arguer	Tiago Manuel Vila Franca (Master) Instituto Politécnico de Bragança, Portugal
2022/07/08	Sistema Multi-agente Inteligente para Gestão Energética baseado em Dispositivos IoT Distribuídos (Thesis) Main arguer	João Filipe Soares Caçote (Master) Instituto Politécnico do Porto Instituto Superior de Engenharia do Porto, Portugal
2022/07/05	Educational framework for teaching of cyber-physical systems engineering (Thesis) Main arguer	Elena Viktorovna Mäkiö (PhD) University of Warwick, United Kingdom
2022/03/02	DIN Spec 91345 RAMI 4.0 compliant data pipelining: An approach to support data understanding and data acquisition in smart manufacturing environments (Thesis) Main arguer	Kevin Nagorny (PhD) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2022/02/22	Open Scalable Production System: An Industry 4.0 Framework for Cyber-Physical Systems (Thesis) Main arguer	Rafael Arrais (PhD) Universidade do Porto Faculdade de Engenharia, Portugal
2021/12/14	Decisão Consensual em Sistemas Multirobôs (Thesis) Main arguer	Vivian Cremer Kalempa (PhD) Universidade Tecnológica Federal do Paraná, Brazil
2021/11/10	Implementação de um sistema de análise automática do ECG para identificação de episódios de fibrilação atrial utilizando sensores BITalino® e um smartphone Android (Thesis) Main arguer	Gabriel Saatkamp Lazaretti (Master) Instituto Politécnico de Bragança, Portugal
2021/11/03	Electromagnetic Radiation on Human Health: Analysis, Dosimetry Study, Machine Learning and Performance Index (Thesis) Main arguer	HE Yaqing (PhD) City University of Hong Kong, Hong Kong SAR China
2021/04/14	Holistic Approach for Selecting Appropriate Manufacturing Shop Floor KPIs (Thesis) Main arguer	Abdul Rehan Khan Mohammed (PhD) University of Warwick, United Kingdom
2021/01/08	Industrial Device Integration and Virtualization for Smart Factories (Thesis) Main arguer	André Fagundes Martins (Master) Instituto Politécnico de Leiria, Portugal

2020/12/18	Aplicação de Técnica de Simulação para Modelar o Funcionamento de uma Cantina do IPB (Thesis) Main arguer	Juliana Pacheco (Master) Instituto Politécnico de Bragança, Portugal
2020/12/10	Computational Studies for Smart Building Applications: Localization, Car Parking and Healthcare (Thesis) Main arguer	Hung Faan Hei (PhD) City University of Hong Kong, Hong Kong SAR China
2020/11/25	A general purpose tool for reliability and availability analysis of repairable systems (Thesis) Main arguer	Alexandre Ribeiro (Master) Instituto Politécnico de Bragança, Portugal
2020/09/24	μGIM - microgrid intelligent management system based on a multi-agent approach and the active participation of end-users (Thesis) Main arguer	Luis Gomes (PhD) Universidad de Salamanca, Spain
2020/07/23	Comunicação Segura numa Plataforma de Simulação Distribuída (Thesis) Main arguer	Davide Henrique Fernandes da Costa (Master) Universidade do Porto Faculdade de Engenharia, Portugal
2020/07/23	Distributed Simulation and Exploration of a Game Environment (Thesis) Main arguer	João Francisco Veríssimo Dias Esteves (Master) Universidade do Porto Faculdade de Engenharia, Portugal
2020/07/23	Co-Simulation Architecture for Environmental Disturbances (Thesis) Main arguer	Rafael Ricardo Damasceno (Master) Universidade do Porto Faculdade de Engenharia, Portugal
2020/07/23	Data Collection and Analysis in a Distributed Simulation Platform (Thesis) Main arguer	Tiago Rodrigues Vieira de Carvalho (Master) Universidade do Porto Faculdade de Engenharia, Portugal
2020/07/20	Auto-Parametrização de Meta-Heurísticas para Problemas de Escalonamento em Ambiente Industrial (Thesis) Main arguer	André Borges Guimarães Serra e Santos (PhD) Universidade do Minho, Portugal
2020/06/16	Queuing analysis – a case study (Thesis) Main arguer	Janaina Cristina Ferreira (Master) Instituto Politécnico de Bragança, Portugal
2020/05/07	Machine Learning Algorithms for Smart City Applications (Thesis) Main arguer	Wu Chung Kit (PhD) City University of Hong Kong, Hong Kong SAR China

2020/02/14	Modelo Teórico de Categorização dos Riscos Provenientes da Implantação da Indústria 4.0 no Sector Manufatureiro (Thesis) Main arguer	Ramon Soltovski (Master) Universidade Tecnológica Federal do Paraná, Brazil
2019/12/13	Implementação de uma Solução Inteligente de Controlo de Estores (Thesis) Main arguer	Gabriel Elwino Friling (Master) Instituto Politécnico de Bragança, Portugal
2019/07/18	The Use of Discrete Simulation Models to Analyse Production Environments – A Case Study (Thesis) Main arguer	Fabiane Setti (Master) Instituto Politécnico de Bragança, Portugal
2019/07/17	Modelo de Maturidade para a Análise das Indústrias no Contexto da Indústria 4.0 (Thesis) Main arguer	Ana Laura Basseto (Master) Universidade Tecnológica Federal do Paraná, Brazil
2018/12/14	Increase the Adoption of Agent-based Cyber-Physical Production Systems through the Design of Minimally Invasive Solutions (Thesis) Main arguer	André Dionisio Bettencourt da Silva Parreira Rocha (PhD) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2018/12/13	Desenvolvimento de uma Arquitectura Multiagente Holônica Reconfigurável Aplicada ao Cenário de Smart Parking (Thesis) Main arguer	Lucas Castro (Master) Universidade Tecnológica Federal do Paraná, Brazil
2018/04/10	Self-Reconfigurable Manufacturing Control based on Ontology-Driven Automation Agents (Thesis) Main arguer	Wilfried Lepuschitz (PhD)
2018/03/08	Application of a Mobile Robot to Spatial Mapping of Radioactive Substances in Indoor Environment (Thesis) Main arguer	Luis Piardi (Master) Instituto Politécnico de Bragança, Portugal
2017/07/05	A model-based approach for supporting flexible automation production systems and an agent-based implementaction (Thesis) Main arguer	Rafael Priego Rementeria (PhD) Universidad del País Vasco, Spain
2016/12/15	Modelização e Gestão de Equipamentos e Sistemas Elétricos no Sector Residencial (Thesis) Main arguer	Bruno Diogo Machado Martins (Master) Instituto Politécnico de Bragança, Portugal
2016/11/17	Estudo sobre Procedimentos Ótimos de Visitas Domiciliárias em Unidades de Saúde	Filipe Marcelo Ferreira Alves (Master) Instituto Politécnico de Bragança, Portugal

(Thesis) Main arguer

2016/11/04	Bio-Inspired Self-Organising Architecture for Cyber-Physical Manufacturing Systems (Thesis) Main arguer	João Dias-Ferreira (PhD) KTH Royal Institute of Technology Centre for Autonomous Systems, Sweden
2016/07/28	Modelização de eventos: aplicação a modelos de interação do sistema com o ambiente (Thesis) Main arguer	Rogério Rebelo (PhD) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2015/12/21	Spectrum-Based Fault Diagnosis in Multi-Agent Systems (Thesis) Main arguer	Lúcio Passos (PhD) Universidade do Porto Faculdade de Engenharia, Portugal
2015/12/11	An Agent Based Architecture to Support Monitoring in Plug and Produce Manufacturing Systems using Knowledge Extraction (Thesis) Main arguer	Ricardo Peres (Master) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2015/07/02	Un Sistema de Odometria Visual Monocular Bajo Restricciones de Tiempo Real (Thesis) Main arguer	Jesús Fernando Rodríguez-Aragón (PhD) Universidad de Salamanca, Spain
2015/05/07	Infraestrutura para gestão de sistemas de autimação híbridos baseados em controladores lógicos programáveis e agentes (Thesis) Main arguer	Tiago Peralta Santos (Master) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2014/11/14	Condition-Based Maintenance Framework Development for Several Applications (Thesis) Main arguer	Ricardo Ferreira (Master) Universidade do Minho - Campus de Azurém, Portugal
2014/07/24	Petri net based development of globally-asynchronous locally-synchronous distributed embedded systems (Thesis) Main arguer	Filipe Moutinho (PhD) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2014/07/03	Reducing Myopic Behavior in FMS Control: A Semi-Heterarchical Simulation-Optimization Approach (Thesis) Main arguer	Gabriel Zambrano Rey (PhD) Université de Lille, France
2013/12/03	Service-oriented Architecture for Device Lifecycle Support in Industrial Automation (Thesis) Main arguer	Gonçalo Candido (PhD) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal

2013/12/03	Integrated consideration of product quality within factory automation systems (Thesis) Main arguer	Matthias Foehr (PhD) Otto von Guericke Universität Magdeburg Fachdisziplin Germanistik, Germany
2013/06/07	Procedimientos de obtención de configuraciones de agarre en manipulación robótica (Thesis) Main arguer	Angeles Maria Moreno Montero (PhD) Universidad de Salamanca, Spain
2013/02/13	Simulating Drivers' Decision-making Under Information Dissemination (Thesis) Main arguer	Manuel Guilherme Figueiredo Soares (Master) Universidade do Porto Faculdade de Engenharia, Portugal
2013/02/13	Fault-Tolerance: A Testbed for Multi-Agent Systems (Thesis) Main arguer	Tiago Martins Lomba (Master) Universidade do Porto Faculdade de Engenharia, Portugal
2013/02/13	An Integrated Framework for Multi-paradigm Traffic Simulation (Thesis) Main arguer	José Luis Pereira Macedo (Master) Universidade do Porto Faculdade de Engenharia, Portugal
2012/12/14	Análise de Dados numa Linha de Montagem (Thesis) Main arguer	Reinaldo Ferreira (Master) Instituto Politécnico de Bragança, Portugal
2012/11/20	Desenvolvimento de um Sistema Automático de Determinação do Tipo Sanguíneo (Thesis) Main arguer	Vânia Sofia Coelho Moreira (Master) Universidade do Minho - Campus de Azurém, Portugal
2012/07/25	Desenvolvimento e Infra-estrutura de Comando Multifunções EIB-KNX para Smartphone (Thesis) Main arguer	Adriano Manuel Ferreira (Master) Instituto Politécnico de Bragança, Portugal
2012/06/08	Improving the Decision Support in Shop Floor Operations by Using Agent-based Systems and Visibility Frameworks (Thesis) Main arguer	Pablo García-Ansola (PhD) Universidad de Castilla-La Mancha, Spain
2012/03/08	Open Real-Time Control and Emulation of Robots and Production Systems (Thesis) Main arguer	Morten Lind (PhD) Kavli Institute for Systems Neuroscience at the Norwegian University of Science and Technology, Norway
2011/12/15	Distributed Control of Flexible Manufacturing Systems - Implementation of a Specialized Multi-Agent Middleware and Applications of Holonic Concepts	Olivier Roulet-Dubonnet (PhD) Kavli Institute for Systems Neuroscience at the Norwegian University of Science and Technology, Norway

(Thesis) Main arguer

2010/12/22	A comparative study between centralization and decentralization of diagnostic reasoning in EPS (Thesis) Main arguer	Bruno Alves (Master) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2010/12/18	Estudo da influência das tensões residuais na fractura catastrófica de rodas dentadas em serviço President of the jury	Marcelo Sousa (Master) Instituto Politécnico de Bragança, Portugal
2010/05/17	Self-Organization in Evolvable Assembly Systems (Thesis) Main arguer	Regina Frei (PhD) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2009/12/21	Acesso remoto e controlo de processos de uma rede de autómatos (Thesis) Main arguer	Júlio Costa (Master) Universidade do Minho - Campus de Azurém, Portugal
2009/12/15	Sistema de Geração e aquisição das características I-V de painéis fotovoltaicos President of the jury	Pedro Rodrigues (Master) Instituto Politécnico de Bragança, Portugal
2009/12/14	Eficiência energética em edifícios: Gestão do sistema de iluminação President of the jury	Nelson Louçano (Master) Instituto Politécnico de Bragança, Portugal
2009/07/28	Self-Organization and Complexity Theory to Support Evolvable Production Systems (Thesis) Main arguer	Bruno Ferreira (Master) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2009/05/07	Integration of a Production Planning System and a Manufacturing Execution System based on Multi-agent Technology (Thesis) Main arguer	Paul Verstraete (PhD) Katholieke Universiteit Leuven - Campus Brussel, Belgium
2009/03/10	DPWS Middleware to Support Agent-based Manufacturing Control and Simulation (Thesis) Main arguer	Rui Milagaia (Master) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2008/12/18	Integração de Microgeração em Larga Escala nas Redes de Baixa Tensão President of the jury	Alice Assunção (Master) Instituto Politécnico de Bragança, Portugal
2008/12/18	Dimensionamento de Sistemas Fotovoltaicos	Susana Freitas (Master) Instituto Politécnico de Bragança,

President of the jury

Portugal

Association member

	Society Organization	Role
2010/01 - Current	IEEE - Industrial Electronics society	Membro do comité de administração (AdCom)
1999 - Current	IEEE - Institute of Electrical and Electronics Engineers	Senior Member
1995 - Current	Ordem dos Engenheiros	Member

Committee member

	Activity description Role	Institution / Organization
2016/01 - Current	Technical Committee on Smart Grids Member	IEEE Industrial Electronics Society, United States
2016/01 - Current	Technical Committee on Industrial Cyber-Physical Systems Member	IEEE Industrial Electronics Society, United States
2010/01 - Current	Technical Committee on IndustrialAgents Member	IEEE Industrial Electronics Society, United States
2004/07 - Current	TC5.1 Technical Committee on Manufacturing Plant Control Member	International Federation of Automatic Control, Austria
2022/01 - 2023/12	Technical Committee on Standards Other	IEEE Industrial Electronics Society, United States
2020/01 - 2023/12	Technical Committee on Industrial Agents Coordinator	IEEE Industrial Electronics Society, United States
2020/10/01 - 2020/10/02	Membro do Comité de Direção da 10th Workshop on Service Oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future (SOHOMA'20), Paris, França. Director	

2015/10 - 2020/09	IEEE P2660.1 Working Group (Recommendation Practices on Industrial Agents: Integration of Software Agents and Low Level Automation Functions) Coordinator	IEEE Standards Association, United States
2020/08/26 - 2020/08/27	Membro do Comité de Direção da 1st Latin-American Workshop on Service-Oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future (SOHOMA Latin America 2020), que decorrá em Bogotá, Colômbia. Director	
2020/07/20 - 2020/07/23	Coordenador do Comité de Programa Técnico na 18th IEEE International Conference on Industrial Informatics (INDIN'20), Warwick, UK. Coordinator	
2016/01 - 2019/12	Technical Committee on Industrial Agents Other	IEEE Industrial Electronics Society, United States
2019/10/03 - 2019/10/04	Membro do Comité de Direção da International Workshop on Service-oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future (SOHOMA'19), Valência, Espanha. Director	
2010/01/01 - 2015/12	Technical Committee on Industrial Agents Coordinator	IEEE Industrial Electronics Society, United States

Conference scientific committee

	Conference title	Conference host
2023/11/22 - 2023/11/24	Member of the International Program Committee da Sixth Iberian Robotics Conference (ROBOT'23)	Coimbra, Portugal
2023/09/28 - 2023/09/29	Member of the International Program Committee of the 13th Workshop on Service Oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future (SOHOMA'23)	Annecy, France
2023/09/27 - 2023/09/29	Member of the International Program Committee of the 3rd International Conference on Optimization, Learning	Ponta Delgada, Azores, Portugal

Algorithms and Applications (OL2A'23)

2023/09/05 - 2023/09/08	Member of the International Program Committee of the 22nd EPIA Conference on Artificial Intelligence (EPIA'23)	Faial, Açores, Portugal
2023/07/12 - 2023/07/14	Member of the International Program Committee of the 21st International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS'23)	Guimarães, Portugal
2023/07/12 - 2023/07/14	Member of the International Program Committee of the 5th International Congress on Blockchain and Applications	Guimarães, Portugal
2023/07/01 - 2023/07/10	Member of the International Program Committee of the 35th International Conference on Software Engineering & Knowledge Engineering (SEKE'23)	San Francisco Bay, USA
2023/07/07 - 2023/07/07	Member of the Program Committee of the 7th International Young Engineers Forum on Electrical and Computer Engineering (YEF-ECE'23)	Lisboa, Portugal
2023/06/21 - 2023/06/23	Member of the International Program Committee of the International Conference on Sustainable Smart Cities and Territories (SSCt'23)	Manizales, Colombia
2022/11/22 - 2022/11/24	Member of the International Program Committee of the Encontro Consórcio Montanha para o Conhecimento de Jovens Investigadores - STEAM e VII Encontro de Jovens Investigadores (EJI'22)	Bragança, Portugal
2022/11/21 - 2022/11/24	Member of the International Program Committee of the XII Brazilian Symposium on Computing Systems Engineering (SBESC'22)	Fortaleza, Brazil
2022/10/27 - 2022/10/28	Member of the Program Committee of the 5th IFIP International Internet of Things Conference (IFIP IoT'22)	Amsterdam, the Netherlands
2022/10/24 - 2022/10/25	Membro do International Program Committee da 2nd International Conference on Optimization, Learning Algorithms and Applications (OL2A'22)	Póvoa de Varzim, Portugal
2022/09/22 - 2022/09/23	Membro do International Program Committee da 12th Workshop on Service Oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future (SOHOMA'22)	Bucareste, Roménia
2022/08/31 - 2022/09/02	Membro do International Program Committee da 21st EPIA Conference on Artificial Intelligence (EPIA'22)	Lisboa, Portugal

2022/07/26 - 2022/07/29	5th IFAC Workshop on Advanced Maintenance Engineering, Services and Technology (A-MEST'22)	
2022/07/13 - 2022/07/15	Membro do International Program Committee da 20th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS'22)	L'Aquila, Itália
2022/07/13 - 2022/07/15	Membro do International Program Committee da 4th International Congress on Blockchain and Applications	L'Aquila, Itália
2022/07/01 - 2022/07/01	Membro do Program Committee da 6th International Young Engineers Forum on Electrical and Computer Engineering (YEF-ECE'22)	Lisboa, Portugal
2022/06/22 - 2022/06/22	Membro do Advisory Committee do 2nd Symposium of Applied Science for Young Researchers (SASYR'22)	Viana do Castelo, Portugal
2022/03/29 - 2022/03/30	14th IFAC Workshop on Intelligent Manufacturing Systems (IMS 2022)	
2021/11/24 - 2021/11/26	Membro do International Program Committee da International Conference on Intelligent Edge Processing in the IoT Era (Edge-IoT'21)	
2021/11/18 - 2021/11/19	Membro do International Program Committee da 11th Workshop on Service Oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future (SOHOMA'21)	Cluny, França
2021/11/04 - 2021/11/05	Membro do International Program Committee da 4th IFIP International Internet of Things (IOT) Conference	
2021/10/14 - 2021/10/15	Membro do International Program Committee da 4º Workshop de Pesquisa em Computação dos Campos Gerais (WPCCG'21)	
2021/10/06 - 2021/10/08	19th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS'21)	
2021/10/06 - 2021/10/08	Membro do International Program Committee da 19th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS'21)	Salamanca, Spain
2021/09/07 - 2021/09/09	Membro do International Program Committee da Thematic Track intitulada "Multi-Agent Systems: Theory and Applications (MASTA)" incluída na 20th EPIA Conference on Artificial Intelligence (EPIA'21)	

2021/08/10 - 2021/08/12	Membro do International Program Committee da 15th Workshop-School on Agents, Environments, and Applications (WESAAC'21)	Rio de Janeiro, Brasil
2021/07/09 - 2021/07/09	Membro do Program Committee da 5th International Young Engineers Forum on Electrical and Computer Engineering (YEF-ECE'21)	Lisboa, Portugal
2021/07/07 - 2021/07/07	Membro do Scientific Committee do Symposium of Applied Science for Young Researchers (SASYR'21)	
2021/07/07 - 2021/07/07	Membro do International Program Committee da Symposium of Applied Science for Young Researchers (SASYR'21)	Bragança, Portugal
2020/10/01 - 2020/10/02	Membro do International Program Committee da 10th Workshop on Service Oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future (SOHOMA'20)	França
2020/09/14 - 2020/09/16	Membro do International Program Committee da 21st IFIP/SOCOLNET Working Conference on Virtual Enterprises (PRO-VE'20)	Valência, Espanha
2020/08/26 - 2020/08/27	Membro do International Program Committee da 1st Latin-American Workshop on Service-Oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future (SOHOMA Latin America 2020)	Bogotá, Colômbia
2020/07/01 - 2020/07/03	Membro do International Program Committee da 14th APCA International Conference on Automatic Control and Soft Computing (CONTROLO'20)	Bragança, Portugal
2020/06/17 - 2020/06/19	Membro do International Program Committee da 18th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS'20)	L'Aquila, Itália
2020/06/08 - 2020/06/10	Membro do International Program Committee da 14th Workshop-School on Agents, Environments, and Applications (WESAAC'20)	Ponta Grossa / Paraná, Brasil
2020/05/08 - 2020/05/08	Membro do Program Committee da 4th International Young Engineers Forum on Electrical and Computer Engineering (YEF-ECE'20)	Lisboa, Portugal
2019/11/20 - 2019/11/22	Membro do International Program Committee da Fourth Iberian Robotics Conference (ROBOT'19)	Porto, Portugal

2019/10/03 - 2019/10/04	Membro do International Program Committee da International Workshop on Service-oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future (SOHOMA'19)	Valência, Espanha
2019/09/19 - 2019/09/20	Membro do International Program Committee da 3º Workshop de Pesquisa em Computação dos Campos Gerais (WPCGG'19)	Ponta Grossa - PR
2019/09/09 - 2019/09/11	Membro do International Program Committee da 6th International Embedded Systems Symposium (IESS'19)	Friedrichshafen, Germany
2019/09/03 - 2019/09/06	Membro do International Program Committee da 19th EPIA Conference on Artificial Intelligence (EPIA'19)	Vila Real, Portugal
2019/08/26 - 2019/08/28	Membro do Program Committee da 9th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'19)	Linz, Áustria
2019/08/12 - 2019/08/14	Membro do International Program Committee da 13th IFAC Workshop on Intelligent Manufacturing Systems (IMS'19)	Oshawa, Ontario, Canada
2019/06/26 - 2019/06/28	Membro do International Program Committee da 17th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS'19)	Ávila, Espanha
2019/05/23 - 2019/05/24	Membro do Program Committee da 20th International Conference on Research and Education in Mechatronics (REM 2019)	Wels, Áustria
2019/05/10 - 2019/05/10	Membro do Program Committee da 3rd International Young Engineers Forum on Electrical and Computer Engineering (YEF-ECE 2019)	Lisboa, Portugal
2019/05/02 - 2019/05/04	Membro do International Program Committee da 13th Workshop-School on Agents, Environments, and Applications (WESAAC'19)	Florianópolis - Santa Catarina, Brazil
2019/04/24 - 2019/04/26	Membro do International Program Committee da 19th IEEE International Conference on Autonomous Robot Systems and Competitions (ICARSC 2019)	Porto, Portugal
2018/06/20 - 2018/06/22	Membro do International Program Committee da 16th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS'18)	Toledo, Espanha
2018/06/11 - 2018/06/12	Membro do International Program Committee da 8th Workshop on Service-	Bergamo, Itália

orientation in Holonic and Multi-Agent
Manufacturing (SOHOMA 2018)

2018/05/04 - 2018/05/04	Membro do Program Committee da 2nd International Young Engineers Forum on Electrical and Computer Engineering (YEF- ECE 2018)	Lisboa, Portugal
2017/09/12 - 2017/09/15	Membro do International Program Committee da Track 9 Complex Systems and Systems Engineering da 22nd IEEE International Conference on Emerging Technologies and Factory Automation (ETFA'17)	Limassol, Chipre
2017/09/05 - 2017/09/08	Membro do Program Committee da 18th EPIA Conference on Artificial Intelligence	Porto, Portugal
2017/08/28 - 2017/08/30	Membro do Program Committee da 8th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'17)	Lyon, França
2017/07/12 - 2017/07/15	Membro da Comissão Científica do III Congresso Ibero-Americano de Empreendedorismo, Energia, Ambiente e Tecnologia (CIEEMAT'17)	Bragança, Portugal
2017/06/21 - 2017/06/23	Membro do International Program Committee da 15th International Conference on Practical Applications of Agents and Multi- Agent Systems (PAAMS'17)	Porto, Portugal
2017/06/14 - 2017/06/17	Membro do International Program Committee da 12ª Conferência Ibérica de Sistemas e Tecnologias de Informação (CISTI'17)	Lisboa, Portugal
2017/05/05 - 2017/05/05	Membro do Program Committee da International Young Engineers Forum on Electrical and Computer Engineering (YEF- ECE 2017)	Lisboa, Portugal
2017/04/26 - 2017/04/28	Membro do Program Committee do IEEE 2017 International Conference on Autonomous Robot Systems and Competitions (ICARSC 2017)	Coimbra, Portugal
2016/12/05 - 2016/12/07	Membro do International Program Committee da 12th IFAC Workshop on Intelligent Manufacturing Systems (IMS'16)	Austin, US
2016/09/06 - 2016/09/09	Membro do International Program Committee da Track 9 Information and Communication Technology in Energy Systems da 21th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA'16)	Berlim, Alemanha

2016/09/05 - 2016/09/07	Membro do International Program Committee da 5th International Work Conference on Bioinspired Intelligence (IWOB'16)	Marceió, Brazil
2016/06/01 - 2016/06/03	Membro do International Program Committee da Workshop on Multi-agent based Applications for Energy Markets, Smart Grids and Sustainable Energy Systems (MASGES'16)	Sevilha, Espanha
2015/11/05 - 2015/11/06	Membro do International Program Committee da 5th Workshop on Manufacturing and Robotics Service Orientation in Holonic and Multi-Agent (SOHOMA'15)	Cambridge, UK
2015/09/28 - 2015/10/02	Membro do International Technical Program Committee da 13th German Conference on Multiagent Technology Technologies (MATES'15)	Cottbus, Germany
2015/09/02 - 2015/09/04	Membro do International Program Committee da 7th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'15)	Valencia, Espanha
2015/06/21 - 2015/06/26	Membro do International Technical Program Committee da The Fifth International Conference on Advanced Communications and Computation (INFOCOMP'15)	Bruxelas, Bélgica
2015/06/10 - 2015/06/15	Membro do International Program Committee da 4th International Work Conference on Bioinspired Intelligence (IWOB'15)	Donostia, Basque Country
2015/04/13 - 2015/04/15	Membro do International Program Committee da 6th Doctoral Conference on Computing, Electrical and Industrial Systems (DOCEIS'15)	Lisboa, Portugal
2015/03/17 - 2015/03/19	Membro do International Technical Program Committee da IEEE International Conference on Industrial Technology (ICIT'15)	Sevilha, Espanha.
2014/11/05 - 2014/11/06	Membro do International Program Committee da 4th Workshop on Manufacturing and Robotics Service Orientation in Holonic and Multi-Agent (SOHOMA'14)	Nancy, França
2014/09/01 - 2014/09/05	Membro do International Program Committee da Third International Workshop on Intelligent Agent Technology, Power Systems and Energy Markets (IATEM'14)	Munique, Alemanha
2014/07/16 -	Membro do International Program	Costa Rica

2014/07/18	Committee da 3rd International Work Conference on Bioinspired Intelligence (IWOBI'14)	
2014/06/18 - 2014/06/21	Membro do International Program Committee da 9ª Conferência Ibérica de Sistemas e Tecnologias de Informação (CISTI'14)	Barcelona, Espanha
2014/04/07 - 2014/04/09	Membro do International Program Committee da 5th Doctoral Conference on Computing, Electrical and Industrial Systems (DOCEIS'14)	Lisboa, Portugal
2013/12/03 - 2013/12/06	Membro do International Program Committee da International Workshop on Real-Time and Distributed Computing in Emerging Applications (REACTION'13)	Vancouver, Canada
2013/11/17 - 2013/11/22	Membro do International Program Committee da The Third International Conference on Advanced Communications and Computation (INFOCOMP'13)	Lisboa, Portugal
2013/10/13 - 2013/10/16	Membro do International Program Committee da IEEE International Conference on Systems, Man and Cybernetics (SMC'13)	Manchester, UK
2013/09/09 - 2013/09/12	Membro do International Program Committee da Thematic Track on "Artificial Intelligence in Transportation Systems" at the XVI Portuguese Conference on Artificial Intelligence (EPIA'13)	Angra do Heroísmo, Azores, Portugal
2013/09/02 - 2013/09/04	Membro do International Program Committee da 7th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'15)	Praga, República Checa
2013/08/26 - 2013/08/28	Membro do International Program Committee da 6th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'13)	Praga, República Checa
2013/08/27 - 2013/08/27	Membro do International Program Committee da Second International Workshop on Intelligent Agent Technology, Power Systems and Energy Markets (IATEM'13)	Praga, Republica Checa
2013/06/26 - 2013/06/28	Membro do International Program Committee da Flexible Automation and Intelligent Manufacturing (FAIM'13)	Porto, Portugal
2013/06/20 - 2013/06/21	Membro do International Program Committee da 3rd Workshop on Manufacturing and Robotics Service Orientation in Holonic and Multi-Agent (SOHOMA'13)	Valenciennes, França

2013/05/22 - 2013/05/24	Membro do International Program Committee da 11th IFAC Workshop on Intelligent Manufacturing Systems Conference (IMS'13)	São Paulo, Brasil
2013/04/15 - 2013/04/17	Membro do International Program Committee da 4th Doctoral Conference on Computing, Electrical and Industrial Systems (DOCEIS'13)	Lisboa, Portugal
2013/02/27 - 2013/03/01	Membro do International Program Committee da International Conference on Mechatronics (ICM'13)	Vicenza, Itália
2012/12/04 - 2012/12/04	Membro do International Program Committee da International Workshop on Real-Time and Distributed Computing in Emerging Applications (REACTION'12)	San Juan, Puerto Rico
2012/09/04 - 2012/09/04	Membro do International Program Committee da First International Workshop on Intelligent Agent Technology, Power Systems and Energy Markets (IATEM'12)	Viena, Austria
2012/05/23 - 2012/05/25	Membro do International Program Committee da IFAC IFIP Symposium on Information Control Problems in Manufacturing (INCOM'12)	Bucareste, Roménia
2012/02/27 - 2012/02/29	Membro do International Program Committee da 3rd Doctoral Conference on Computing, Electrical and Industrial Systems (DOCEIS'12)	Lisboa, Portugal
2011/05/25 - 2011/05/27	Membro do International Program Committee da International Conference on Industrial Engineering and Systems Management (IESM'11)	Metz, França
2011/02/21 - 2011/02/23	Membro do International Program Committee da 2nd Doctoral Conference on Computing, Electrical and Industrial Systems (DOCEIS'11)	Lisboa, Portugal
2010/08/30 - 2010/08/31	Membro do International Program Committee da 12th International Conference on The Modern Information Technology in the Innovation Processes of the Industrial Enterprises (MITIP'10)	Aalborg, Dinamarca
2010/07/13 - 2010/07/16	Membro do International Program Committee da 8th IEEE International Conference on Industrial Informatics (INDIN'10)	Osaka, Japan
2010/07/01 - 2010/07/02	International Program Committee da 1st IFAC Workshop on Advanced Maintenance Engineering, Services and Technology (A-	Lisboa, Portugal

MEST'10)

2010/07/01 - 2010/07/02	Membro do International Program Committee da 10th IFAC Workshop on Intelligent Manufacturing Systems Conference (IMS'10)	Lisboa, Portugal
2009/10/15 - 2009/10/16	Membro do International Program Committee da 11th International Conference on The Modern Information Technology in the Innovation Processes of the Industrial Enterprises (MITIP'09)	Bergamo, Itália
2009/10/12 - 2009/10/15	Membro do International Program Committee da 5th Workshop on Multi-Agent Systems: Theory and Applications (MASTA'09)	Aveiro, Portugal
2009/08/31 - 2009/09/02	Membro do International Program Committee da 4th International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS'09)	Linz, Austria
2009/07/24 - 2009/07/26	Membro do International Program Committee da 7th IEEE International Conference on Industrial Informatics (INDIN'09)	Cardiff, UK
2009/06/10 - 2009/06/12	Membro do International Program Committee da 1st International Conference on Reforming Education: The Edge of the 21st Century (IC-EDUCA'09)	Atenas, Grécia
2008/12/08 - 2008/12/11	Membro do International Program Committee da Workshop State-of-the-art Semantic Technology Adoption Results (SASTAR'08)	Bangkok, Thailand
2008/10/20 - 2008/10/20	Membro do International Program Committee da 1st International Workshop on Self-Adaptation for Robustness and Cooperation in Holonic Multi-Agent Systems (SARC-HOLOMAS'08)	Veneza, Itália
2008/10/09 - 2008/10/10	Membro do International Program Committee da 9th IFAC Workshop on Intelligent Manufacturing Systems Conference (IMS)	Szczecin, Polónia
2008/07/13 - 2008/07/16	Membro do International Program Committee of the Track Service-Oriented Architecture, da 6th IEEE International Conference on Industrial Informatics (INDIN'08)	Daejeon, South Korea
2008/06/05 - 2008/06/06	Membro do International Program Committee da Workshop Foundational Ontologies Meet Industry (FOMI'08)	Torino, Itália

2008/03/09 - 2008/03/12	Membro do International Program Committee da International Conference Distributed Human-Machine Systems (DHMS'08)	Atenas, Grécia
2007/12/03 - 2007/12/07	Membro do International Program Committee da 4th Workshop on Multi-Agent Systems: Theory and Applications (MASTA'07)	Guimarães, Portugal
2007/11/13 - 2007/11/13	Membro do International Program Committee da Workshop on Industrial Applications of Distributed Intelligent Systems (INADIS'07)	Salamanca, Espanha
2007/05/23 - 2007/05/25	Membro do International Program Committee da IFAC Intelligent Manufacturing Systems Conference (IMS'07)	Alicante, Espanha
2006/12/14 - 2006/12/15	Membro do International Program Committee da Workshop Foundational Ontologies Meet Industry (FOMI'06)	Trento, Itália
2006/10/27 - 2006/10/27	Membro do International Program Committee da Workshop on Industrial Applications of Distributed Intelligent Systems (INADIS'06)	Ribeirao Preto, São Paulo, Brasil
2006/06/15 - 2006/06/16	Membro do International Program Committee da IEEE 2006 Workshop on Distributed Intelligent Systems: Collective Intelligence and its Applications	Praga, Republica Checa
2005/06/09 - 2005/06/10	Membro do International Program Committee da workshop FOMI (Foundational Ontologies Meet Industry)	Verona, Itália
2004/03/09 - 2004/03/11	Membro do International Program Committee da Workshop Techniques and Applications for Mobile Commerce (TAMoCo'04)	Essen, Alemanha

Evaluation committee

	Activity description Role	Institution / Organization	Funding entity
2023/11 - 2023/11	Evaluation panel of the 2023 call for Marie Skłodowska-Curie Postdoctoral Fellowships (MSCA-PF) Evaluator	European Commission Marie Skłodowska-Curie Actions, Belgium	European Commission Marie Skłodowska-Curie Actions, Belgium
2023/03 - 2023/11	Intermediate and final evaluation of the execution of the project "Continental FoF - Continental AA's Factory of the Future", funded under the	Agência para o Investimento e Comércio Externo de Portugal EPE, Portugal	Agência para o Investimento e Comércio Externo de Portugal EPE, Portugal

call n. 26/SI/2016 - Projetos de interesse especial e de interesse estratégico de I&D em co-promoção under the scope of Portugal 2020 programme, promoted by the Agência para o Investimento e Comércio Externo de Portugal, E.P.E.

Evaluator

2022/11 - 2022/11	Evaluation panel of the 2022 call for Marie Skłodowska-Curie Postdoctoral Fellowships (MSCA-PF) Evaluator	European Commission Marie Skłodowska-Curie Actions, Belgium	European Commission Marie Skłodowska-Curie Actions, Belgium
2022/07 - 2022/07	Evaluation panel of 5 proposals submitted to call n.º 09/ C05-i03/2021 projetos I&D+I - Agricultura 4.0, under the scope of Plano de Recuperação e Resiliência (PRR) and coordinated by Direção-Geral de Agricultura e Desenvolvimento Rural (DGADR) Evaluator	Direcção-Geral de Agricultura e Desenvolvimento Rural, Portugal	Direcção-Geral de Agricultura e Desenvolvimento Rural, Portugal
2022/05 - 2022/07	Coordinator of the evaluation panel "Digital Transformation in Manufacturing" from the Call for MPP2030-FCT PhD Research Grants 2022, promovido pelo programa MIT Portugal. Coordinator	Fundação para a Ciência e a Tecnologia, Portugal	Fundação para a Ciência e a Tecnologia, Portugal
2022/06 - 2022/06	Evaluation panel of the Call 2023 "Education: Panel 3 Circular Manufacturing & Engage Programs" promoted by EIT Manufacturing Evaluator	European Institute of Innovation & Technology Manufacturing, France	European Institute of Innovation & Technology Manufacturing, France
2022/05 - 2022/05	Evaluation panel of two proposals under the scope of the "University of Salamanca Programme to Foster Research Excellence" (USAL4EXCELLENCE) project, funded by the MSCA - Marie Skłodowska-Curie Actions programme from EU Horizon 2020, and co-funded by Junta de Castilla y León (H2020-MSCA-COFUND-2020)	Universidad de Salamanca, Spain	European Commission, Belgium

Evaluator

2021/09 - 2021/10	Evaluation panel "Digital Transformation in Manufacturing" under the Call for MPP2030-FCT PhD Research Grants 2021, promoted by the MIT Portugal programme Evaluator	Fundação para a Ciência e a Tecnologia, Portugal	Fundação para a Ciência e a Tecnologia, Portugal
2021/07 - 2021/07	Evaluation of the DiManD (Digital Manufacturing and Design Training Network project), n. 814078, funded by EU under the H2020-MSCA-ITN-2018 Grants programme Evaluator	European Commission, Belgium	European Commission, Belgium
2021/06 - 2021/06	Evaluation panel of the Call 2022 "Education 2 - Segment 1.4 Skill-driven Learning" promoted by the EIT Manufacturing Evaluator	European Institute of Innovation & Technology Manufacturing, France	European Institute of Innovation & Technology Manufacturing, France
2021/06 - 2021/06	Evaluation panel of the project ManuSkills - Manufacturing Skills Observatory and Competencies Framework, funded by the EIT Manufacturing Member	European Institute of Innovation & Technology Manufacturing, France	European Institute of Innovation & Technology Manufacturing, France
2020/10 - 2020/12	Membro do painel de avaliação "Digital Transformation in Manufacturing" no âmbito da Call for MPP2030-FCT PhD Research Grants 2020, promovido pelo programa MIT Portugal. Evaluator	Fundação para a Ciência e a Tecnologia, Portugal	Fundação para a Ciência e a Tecnologia, Portugal
2020/11 - 2020/11	Avaliação de 1 proposta de projeto de investigação e desenvolvimento, na área dos sistemas ciber-físicos, submetido à Dutch Research Council (NWO) Evaluator		
2020/10 - 2020/11	Membro do painel de avaliação "Information Science and Engineering" no âmbito da Call 2020 Marie Skłodowska-Curie	European Commission, Belgium	European Commission, Belgium

Individual Fellowships (IF)

2020/09 - 2020/09	Membro do painel de avaliação de 2 candidaturas submetidas ao aviso 17/SI/2019 - Sistema de Incentivos à Investigação e Desenvolvimento Tecnológico (SI I&DT) - projetos em Copromoção no âmbito do Portugal 2020 Evaluator	Agência Nacional de Inovação SA, Portugal	Agência Nacional de Inovação SA, Portugal
2020/09 - 2020/09	Membro do painel de avaliação de 1 candidatura submetida ao aviso 26/SI/2016 - Projetos de interesse especial e de interesse estratégico de I&D em co-promoção no âmbito do Portugal 2020 Evaluator	Agência para o Investimento e Comércio Externo de Portugal EPE, Portugal	Agência para o Investimento e Comércio Externo de Portugal EPE, Portugal
2020/06 - 2020/06	Auditor do projeto INSTAGRI (Intelligent Cloud Based Environment for Precision Agriculture using Remote Sensing Technology), financiado no âmbito do programa de incentivos ID&T individuais do Portugal 2020. Evaluator	Portugal 2020, Portugal	Portugal 2020, Portugal
2019/05 - 2019/05	Painel avaliação do aviso 03/SI/2018 no âmbito do Portugal 2020 - projetos de I&D em Copromoção (Clube de Fornecedores) Evaluator	Agência Nacional de Inovação SA, Portugal	Agência Nacional de Inovação SA, Portugal
2018/10 - 2018/10	Painel de avaliação do aviso 31/SI/2017 no âmbito do Portugal 2020 - projetos de de I&D Industrial à Escala Europeia e em Copromoção Evaluator	Agência Nacional de Inovação SA, Portugal	Agência Nacional de Inovação SA, Portugal
2017/07 - 2017/07	Avaliação de proposta de projeto de investigação e desenvolvimento submetido à agência Flandres Innovation & Entrepreneurship Evaluator		
2016/10/23 - 2016/10/27	Organização da sessão especial intitulada "Engineering system-of-		

systems towards flexible and reconfigurable industrial production environment", incluída na 42nd Annual Conference of the IEEE Industrial Electronics Society (IECON'16), que decorreu em Florença, Itália, 23 - 27 October de 2016.

2015/04 - 2015/04	Avaliação de proposta de projeto de investigação e desenvolvimento, na área dos sistemas de fabrico inteligentes, submetido à Research Council of KU Leuven Evaluator		
2013/02 - 2013/02	Painel de avaliação da chamada de projetos "The Small Grant Scheme" incluída no Polish-Norwegian Research Programme, promovido pelo National Centre for Research and Development do governo da Polónia Evaluator		
2009/12 - 2009/12	Evaluation panel for the call FP7-2010-NMP-ICT-FoF da Comissão Europeia Evaluator	European Commission, Belgium	European Commission Seventh Framework Programme for Research and Technological Development, Belgium
2009/10 - 2009/10	Evaluation panel for the call POSCCE-A2-02.1.2-2009-2, sectoral operational programme "Increase of Economic Competitiveness", priority axis 2 "RTD and Innovation for Competitiveness", "2.1.2 - Complex research projects fostering the participation of high-level international experts", promoted by the Romanian National Authority for Scientific Research Evaluator		
2007/12 - 2007/12	Evaluation of a R&D project proposal submitted to the Slovak Research and		

Development Agency

Evaluator

Journal scientific committee

	Journal title (ISSN)	Publisher
2023/08 - Current	Journal of Intelligent Manufacturing	Springer
2021/09 - Current	IEEE Journal of Emerging and Selected Topics in Industrial Electronics (JESTIE)	IEEE
2021/01 - Current	Open Journal of the Industrial Electronics Society (OJIES)	IEEE
2019/08 - Current	IEEE Transactions on Industrial Informatics (1941-0050)	Institute of Electrical and Electronics Engineers
2017 - Current	Intelligent Industrial Systems (2199-854X)	Springer-Verlag
2017 - Current	IEEE IE Technology News	IEEE

Other jury / evaluation

	Activity description	Institution / Organization
2023/02 - Current	Presidente do júri do concurso documental para recrutamento de um Investigador Principal para a área científica de "Recursos Naturais, Agricultura e Alterações Climáticas", "Alimentos e Soluções de Base Biológica" e "PMEs Inovadoras e de Base Tecnológica", para o Laboratório Associado para a Sustentabilidade e Tecnologia em Regiões de Montanha (SusTEC) do Instituto Politécnico de Bragança, publicado no aviso nº 2337/2023 do Diário da República, II Série nº 24 de 2 de fevereiro de 2023.	Instituto Politécnico de Bragança Laboratório Associado para a Sustentabilidade e Tecnologia em Regiões do Interior, Portugal
2022/10 - Current	Presidente do júri do concurso documental para recrutamento de dois Investigadores Auxiliares para a área científica de "PME inovadoras e de base tecnológica", para o Laboratório Associado para a Sustentabilidade e Tecnologia em Regiões de Montanha (SusTEC) do Instituto Politécnico de Bragança, publicado no aviso nº 20013/2022 do Diário da República, II Série nº 20 de 203 de outubro de 2022.	Instituto Politécnico de Bragança Laboratório Associado para a Sustentabilidade e Tecnologia em Regiões do Interior, Portugal
2022/07 - Current	Membro do júri do concurso documental para recrutamento de um Professor Coordenador para a área disciplinar de de Eletrotecnia da Escola	Universidade de Aveiro Escola Superior de Tecnologia e Gestão de Águeda, Portugal

Superior de Tecnologia e Gestão de Águeda da Universidade de Aveiro, publicado no edital n.º Edital Ref.ª CD-CTFP-181-SGRH/2022 de 7 de julho de 2022.

2022/07 - Current	Membro do júri do concurso documental para recrutamento de um Investigador Auxiliar para a área científica de Engenharia Eletrotécnica, Eletrónica e Informática, com especialização em Eletrónica médica e inteligência artificial, para o 2AI - Laboratório de Inteligência Artificial Aplicada da Escola Superior de Tecnologia do Instituto Politécnico do Cávado e do Ave, publicado no edital n.º 1108-A/2022 do Diário da República, II Série n.º 146 de 29 de julho de 2022.	Instituto Politécnico do Cávado e do Ave Laboratório de Inteligência Artificial Aplicada, Portugal
2021/07 - Current	Membro do painel de avaliação para seriação de candidatos para a posição de Assistant Professor / Associate Professor / Full professor in Industrial informatics for energy system disruption (tenure track) na School of Energy Systems da Lappeenranta-Lahti University of Technology (LUT), Finlândia, em julho de 2021.	LUT University, Finland
2021/03 - Current	Membro do júri do concurso documental para recrutamento de um Professor Adjunto para a área disciplinar de Eletrónica e Hardware, do Departamento de Inovação Tecnológica da Escola Técnica Superior Profissional do Instituto Politécnico do Cávado e do Ave, publicado no edital n.º 351/2021 do Diário da República, II Série n.º 59 de 25 de março de 2021.	Instituto Politécnico do Cávado e do Ave, Portugal
2020/12 - Current	Membro do júri do concurso documental interno para preenchimento de cinco vagas na modalidade de contrato de trabalho em funções públicas por tempo indeterminado para Professor Coordenador do Instituto Politécnico de Viseu, na área disciplinar de Engenharia Eletrotécnica, publicado no edital n.º 20979/2020 do Diário da República, II Série n.º 250 de 28 de dezembro de 2020.	Instituto Politécnico de Viseu, Portugal
2020/04 - Current	Presidente do júri do concurso documental para recrutamento de um Investigador Júnior para a área científica de Tecnologias de Informação, Comunicação e Eletrónica, para o CeDRI (Centro de Investigação em	Instituto Politécnico de Bragança Centro de Investigação em Digitalização e Robótica Inteligente, Portugal

Digitalização e Robótica Inteligente) do Instituto Politécnico de Bragança, publicado em abril de 2020.

2018/11 - Current	Membro do júri do concurso documental para recrutamento de um Professor Adjunto para a área científica de Eletrotecnia e Informática, grupo disciplinar de Eletrotecnia e Telecomunicações, área disciplinar de Sistemas Embebidos, na especialidade em Processamento de Sinal, da Escola Superior de Tecnologia do Instituto Politécnico de Viana do Castelo, publicado no edital n° 1083/2018 do Diário da República, II Série n° 217 de 12 de novembro de 2018.	Instituto Politécnico de Viana do Castelo, Portugal
2016/05 - Current	Membro do júri do concurso documental para recrutamento de dois Professores Coordenadores para a área disciplinar de Eletrotecnia da Escola Superior de Tecnologia e Gestão do Instituto Politécnico de Bragança, publicado no edital n° 5788/2016 do Diário da República, II Série n° 86 de 4 de maio de 2016.	Instituto Politécnico de Bragança, Portugal
2014/06 - Current	Membro do júri do concurso documental para recrutamento de um Professor Adjunto para a área disciplinar de Electrónica e Instrumentação da Escola Superior de Tecnologia do Instituto Politécnico do Cávado e do Ave, publicado no edital n° 568/2014 do Diário da República, II Série n° 123 de 30 de junho de 2014	Instituto Politécnico do Cávado e do Ave, Portugal
1999/08 - Current	Membro do júri do concurso documental para recrutamento de dois Assistentes de 1º triénio para a área científica de Engenharia Electrotécnica, especialização em Electrónica e Automação, do Departamento de Electrotecnia, para integrar o corpo docente da Escola Superior de Tecnologia e de Gestão do Instituto Politécnico de Bragança, publicado no edital n° 697/99 do Diário da República, II Série, n° 189 de 14 de agosto de 1999.	Instituto Politécnico de Bragança, Portugal
2022/11 - 2023/03	Presidente do júri do concurso documental para recrutamento de um Professor Coordenador Principal para a área disciplinar de Ciências da Engenharia e Tecnologias, da Escola Superior de Tecnologia e Gestão do Instituto Politécnico de Bragança, publicado no aviso n° 21834/2022 do Diário da República, II Série n° 221 de 16	Instituto Politécnico de Bragança, Portugal

de novembro de 2022.

1995/01/01 - 2020/04/20	Revisão de dezenas de artigos científicos submetidos a revistas científicas internacionais
1995/01/01 - 2020/04/20	Revisão de centenas de artigos científicos submetidos a conferências internacionais

Distinctions

Award

2022	Best paper award student - IEEE International Conference on Industrial Technology (ICIT 2022) IEEE, United States
2022	Prémio IACOBUS - Publicacións Científicas (papers)
2021	Best paper award - 19th IEEE International Conference on Industrial Informatics (INDIN'21), Palma, Spain
2020	Best paper award - International Congress in Blockchain and Applications (Blockchain'20), L'Aquila, Italy
2019	3º prémio IBM Award of Scientific Excellence
2013	Best paper award - Third International Conference on Advanced Communications and Computation (INFOCOMP'13)
2010	Best paper award - 8th IEEE International Conference on Industrial Informatics (INDIN'10)
2006	Best paper award - 12th IFAC Symposium on Information Control Problems in Manufacturing (INCOM'06)
2006	Best paper award - 7th IFIP International Conference on Information Technology for Balanced Automation Systems in Manufacturing and Services (BASYS'06)