

DPISE 2023 PROGRAM

2:00 PM	Opening Session (Room: 0.08/Ed.11) President of the School of Engineering, Professor Pedro Arezes Director of ALGORITMI Centre, Professor José Machado Deputy Director of the Department of Production and Systems, Professor Nélson Costa Director of DPISE, Professora Paula Ferreira Best Papers Awards Announcement		
PARALLEL SESSIONS #A			
Session A1 Room: 0.08/Ed.11 Moderator: Jorge Cunha		Session A2 Room: 0.07/Ed.11 Moderator: Lino Costa	
Session A3 Room: 0.11/Ed.11 Moderator: Leonilde Varela			
2:30 PM	Hospital Operations Management - sensor fusion and data analytics for the improvement of patients' flow Erik Teixeira Lopes	Whole-system effects of transport electrification in Portugal Alaize Dall-Orsoletta	Characterization of the perception of high frequency vibrations of the hand Emanuel Teixeira Silva
2:45 PM	Adoption of modern training techniques and their influence on the financial performance of companies Lauro Eduardo Magrini	The importance of open design João Dias	Contributions to the industrialization process in the construction industry Sara Rego da Costa
3:00 PM	IMUs-based human breathing mechanics measurement wearable device Rodrigo Brandão Martins	On optimizing firefighting resources using a genetic algorithm Marina Araújo de Matos	User requirements and stakeholder considerations in the implementation of Robotic Process Automation (RPA): A multiobjective model for efficiency evaluation Leonel Filipe S. Patrício
3:15 PM	Multivariate Statistical Method to Detect Drowsiness in Drivers Ana Rita Oliveira Antunes	Multi-objective optimization in job shop scheduling problems with unrelated machines Francisco Álvaro dos Santos	Smart and Parallel General Variable Neighborhood Search for the Pollution-Routing Problem Mário Leite
3:30 PM	On the development of a Rapid Assessment Method of the potentiality for the implementation of collaborative robots in manufacturing workstations André Cardoso	Development of a questionnaire to understand future users' preferences about human-centric Autonomous car interior Hatice Kirkici Gonçalves	A Critical Overview of Shale Gas Exploitation Impact Andrea Gomes
3:45 PM	Break		

PARALLEL SESSIONS #B

Session B1
Room: 0.08/Ed.11
Moderator: Sameiro Carvalho

Session B2
Room: 0.07/Ed.11
Moderator: Celina Leão

Session B3
Room: 0.11/Ed.11
Moderator: Anabela Tereso

4:05 PM	Application of artificial intelligence algorithms: the case of olive growing João Mendes	Barriers of Kanban Implementation in Agile Project Management Ingrid Teixeira de Souza	Multi-Project Scheduling Under Uncertainty: an approach to exploit resource flexibility Marzieh Aghileh
4:20 PM	Intelligent System for Occupational Safety and Well-being in the Retail Sector Inês Sena	A safety index to improve Humans-Robots collaboration towards Industry 5.0 Eduarda Manuel Barros Pereira	Assessment of consumer willingness to participate in demand-side management Sara Golmaryami
4:35 PM	Lean Safety - The impact of lean on safety José Carlos Sá	Influence of the Urban Waste Collection Strategy on Work-related Musculoskeletal Injuries Pamela Consuelo Castro e Sant'Anna	Enhancing Stakeholders Communication in Non-Governmental Organizations: Exploring Effective Governance Models Paulo Manuel Ferreira de Sousa
4:50 PM	Supply Chain Quality Management and Industry 5.0 - A Literature Review and Analysis Joana Lazzaris	Industry 4.0: The Challenges of a Revolution Pedro José de Araújo Pinheiro	Socioeconomic Evaluation of Projects: A Methodological Contribution Thomaz Fagá
5:05 PM	Applying deep learning algorithms to keep track of emotions during online training Walter Aoiama Nagai	Digital Transformation in the Water Sector: Present Situation, Future Prospects, Challenges and Opportunities - A Case Study on Operational Alerts and Notification Frederico Lopes	Identification and Categorization of Data Science Project Barriers Natan Labarrère Mendes
5:20 PM	Closing Session (Room: 0.08/Ed.11) Best Posters Awards Announcement		

More info: dpise2023.dps.uminho.pt