

8th July

13:15-14:00	1 Operations Research, Modelling and Simulation	Chairperson: Fernando Acebes	033	Impacto económico de la supresión de espacios entre estaciones en un taller Heijunka de flujo regular	Joaquín Bautista, Rocio Alfaro-Pozo
			053	False Alarm Analysis for Wind Turbine Maintenance Management by Ensemble Trees	Ana María Peco Chacón, Isaac Segovia Ramírez, Fausto Pedro García Márquez
			073	Design of a simulation environment for training or testing algorithms to solve the job shop scheduling problem	Efraín Pérez, Raúl Poler
			092	The Expected Shortage per Replenishment cycle for the (s, S) policy: proposal of an unbiased approach	Ester Guijarro, Juan Ramon Trapero, Eugenia Babiloni
			103	Design and implementation of an Experimentation Service of the Production Scheduling Algorithms	María Angeles Rodríguez, Pedro Gomez-Gasquet, Llanos Cuenca, María del Mar Eva Alemany
			077	Truck-multiple drones team logistics. Heuristic resolution	David Sanchez-Wells, Pedro Luis Gonzalez-Rodriguez
			035	Optimización del problema de reposición de tiendas usando algoritmo conjunto de PSO y Recocido Simulado	Jose Angel Gutierrez De Rave, Jesús Muñozuri, Luis Onieva, Jose Guadix
	2 Circular Economy	Chairperson: Jesús Morcillo Bellido	093	Circular design for clean mobility: on the materials mix of end-of-life electric vehicles	Carlos Soriano-González, Ruth Carrasco-Gallego, M ^a Luisa Martínez-Muneta
			022	The application of distributed ledger technology in Industry 4.0	Simon Fernandez, Rafael Rosillo, Paolo Priore, Javier Puente
			044	BIM Implementation in Construction Project Management	Fernando Acebes, Romina Testa, Jerónimo Alonso, David Curto
			108	Can the investment in intangible assets of Industry 4.0 projects increase the likelihood of bankruptcy?	Roberto Alcalde Delgado, Carlos Alonso De Armiño, Miguel Ángel Manzanedo Del Campo, Ricardo Del Olmo
			114	Collaborative Planning as a Determining Factor at the Group Level in Collaborative Intelligence	Ángeles Ramírez Peña, Carlos Monroy
	3 Strategy, Innovation, Networks and Entrepreneurship	Chairperson: Mercedes Grijalvo Martín	008	Seguridad laboral e industrial: nuevas tecnologías en la Industria 4.0	Francisco Salguero Caparros
			098	Business model archetypes: A systematic literature review	Dorleta Ibarra, Ane Miren Valenciano, Juan Ignacio Igartua
			104	Systematic mapping study sobre métodos de previsión e inteligencia artificial aplicados en la investigación sobre marketing online	María Cueto, Jose Parreño, David De La Fuente, Alberto Gomez
105			Driving the digital transformation of the business model through organizational capabilities	José Manuel González-varona, David Poza, Fernando Acebes, Natalia Martín-cruz, Adolfo Lópezparedes	
030			Machine learning approaches to predict the use of share bicycles according to weather conditions	Alejandro Escudero-santana, Andrea Beltrante, Elena Barbadilla, María Rodríguez Palero	
4 Production Planning and Control	Chairperson: Juan José Lavios	002	Redefinition of the layout and the impact on the reduction of wastes: case study in a metalworking industry	Bruna Fernandes, Daniel Botelho, Francisco Fernandes, Inês Aquino, João Fer-reira, José Pinto, Maria Feveiro, Maria Machado, Nuno Rafael, Rui Lima	
		006	The potential of Industry 4.0 in Lean Supply Chain Management	John Reyes, Josefa Mula, Manuel Díaz-Madroñero	
		019	Digital twin enabling intelligent scheduling in ZDM environments: an overview	Julio César Serrano Ruiz, Josefa Mula, Raúl Poler	
		029	Sustainable Inventory Management in Supply Chains: Trends and Further Research.	Pablo Becerra, Josefa Mula, Raquel Sanchis	
		031	Overview of lean manufacturing under uncertainty	Tania Rojas, Josefa Mula, Raquel Sanchis	
5 Education in Organizational Engineering	Chairperson: Juan Ignacio Igartua López	027	Inteligencia de Negocio aplicada a la Ingeniería de Organización. Propuesta de una nueva asignatura	Sandra Serrano, Luis R. Izquierdo, José Manuel Galán, Segismundo Izquierdo, José I. Santos	
		028	PROTOCOL- Assessing the transversal competence of teamwork in bachelor's and master's degree by means the competency-based interview	Amable Juárez-Tarraga, Cristina Santandreu-Mascarell, Pilar I. Vidal-Carreras, Julio J. García-Sabater, Juan A. Marín-García, M.Vicenta Fuster-Estruch	
		041	Herramienta docente en NetLogo para ilustrar el proceso de enfriamiento en el recocido simulado mediante el modelo de Metrópolis	José I. Santos, María Pereda, Virginia Ahedo, José Manuel Galán	
		051	A conceptual framework of a blockchain application in a manufacturing supply chain	Erick Ponce, Josefa Mula, David Peidro	
		115	Manufacturing synergies in the design of supply chains	Nicolás Anich, Manuel Mateo	
PhD track	Chairperson: Fernando Acebes	033	Impacto económico de la supresión de espacios entre estaciones en un taller Heijunka de flujo regular	Joaquín Bautista, Rocio Alfaro-Pozo	
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Management Information Systems and Knowledge Management	Chairperson: Jesús Morcillo Bellido	108	Can the investment in intangible assets of Industry 4.0 projects increase the likelihood of bankruptcy?	Roberto Alcalde Delgado, Carlos Alonso De Armiño, Miguel Ángel Manzanedo Del Campo, Ricardo Del Olmo	
		114	Collaborative Planning as a Determining Factor at the Group Level in Collaborative Intelligence	Ángeles Ramírez Peña, Carlos Monroy	
		060	La organización hospitalaria, factor de eficiencia ante una pandemia	Javier Llovera, Luis Asmarats Mercadal	
		008	Seguridad laboral e industrial: nuevas tecnologías en la Industria 4.0	Francisco Salguero Caparros	
		098	Business model archetypes: A systematic literature review	Dorleta Ibarra, Ane Miren Valenciano, Juan Ignacio Igartua	
Sustainability, Eco-efficiency and Quality Management	Chairperson: Mercedes Grijalvo Martín	104	Systematic mapping study sobre métodos de previsión e inteligencia artificial aplicados en la investigación sobre marketing online	María Cueto, Jose Parreño, David De La Fuente, Alberto Gomez	
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		084	Analizando la aplicabilidad de machine learning en la predicción del confort térmico	Elena Barbadilla-Martín, Pablo Aparicio-Ruiz, José Guadix Martín, Antonio Lorenzo-Espejo	
		002	Redefinition of the layout and the impact on the reduction of wastes: case study in a metalworking industry	Bruna Fernandes, Daniel Botelho, Francisco Fernandes, Inês Aquino, João Fer-reira, José Pinto, Maria Feveiro, Maria Machado, Nuno Rafael, Rui Lima	

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