

Thursday July 12th (10:00 - 11:30)

Strategy

- ID 015: 'Uncovering 3D Bioprinting Knowledge Management Drivers: Emerging Dental Applications'. Authors: Marisela Rodriguez-Salvador, Wendy Ortega-Lara
- ID 022: 'A Multicriteria Decision Model for the Evaluation and Selection of Technologies in a R&D Centre'. Authors: Rafael Lizarralde, Jaione Ganzarain, Ander Olanan
- ID 025: 'Success of Business Models through System Dynamics'. Authors: Jaione Ganzarain, Maria Ruiz, Juan Ignacio Igartua

Quality (Spanish)

- ID 065: 'El Modelo SBA en los modelos de integración de sostenibilidad en las organizaciones'. Authors: Ana Rodríguez-Olalla, Carmen Avilés-Palacios
- ID 074: 'Analysis of the Effects of Ecoinnovation in Industrial Firms'. Authors: Jabier Retegi, Kamp Bart
- ID 082: 'Análisis de los criterios de sostenibilidad en la integración ciudad puerto en la región del pacifico colombiano'. Authors: Carlos Arango, Isabella Zuluaga, Andres Azuero

Supply Chain

- ID 017: 'Conceptual Framework for the characterization of Vegetable Breton Supply Chain Sustainability in an Uncertain Context'. Authors: Vicente S. Fuertes-Miquel, Llanos Cuenca, Andrés Boza, Cécile Guyon, María del Mar Alemany Díaz
- ID 047: 'Supply Chain Management test bed under rolling horizons, multi-product, multi-echelon, multi-process for capacitated production planning modelling with strokes'. Authors: Gregorio Rius Sorolla, Julien Maheut, Sofia Estelles Miguel, Jose P. Garcia-Sabater
- ID 052: 'Redesign of the in-plant logistics for a production facility'. Authors: Aida Saez-Mas, Jose P. Garcia-Sabater, angel ruiz, Julio J. Garcia-Sabater

Education

- ID 008: 'Training in Quality Engineering concepts and skills: Case Study, simulations paper propeller using Six Sigma based methodology '. Authors: José Alberto Eguren, Toni Antero Bertlin, Joel Hannes Rehunen, Gorka Unzueta
- ID 020: 'The role of entrepreneurial education in entrepreneurship orientation of engineering students '. Authors: Grigorios Asimakopoulos, Virginia Hernández, Javier Peña Miguel
- ID 027: 'Using a Performance Management Framework to manage transversal competences development at University Degrees'. Authors: María-José Verdecho, Juan-José Alfaro-Saiz, Raúl Rodríguez-Rodríguez, Pedro Gomez-Gasquet

Thursday July 12th (14:30-16:30)**Strategy**

- ID 034: 'Individualism, Inequalities and Entrepreneurial Aspirations: Revisiting Results with GEM Data'. Authors: Juan Francisco Aguilera, Gustavo Morales, Yilsy Nuñez, Carlos Monroy
- ID 059: 'Digitalisation of manufacturing in the Spanish context: the path and effect'. Authors: Alba Manresa, Andrea Bikfalvi, Alexandra Simon
- ID 063: 'Digital Social Innovation: analysis of the conceptualization process and definition proposal'. Authors: Laura Rodrigo, Miguel Palacios, Isabel Ortiz-Marco
- ID 071: 'University Entrepreneurship based on gamification and experiential learning'. Authors: Carmen Avilés-Palacios, Ana Rodríguez-Olalla, Joaquin Garcia-Alfonso, Ignacio Martínez-Pedrero

Quality

- ID 002: 'Improving the management of a cultural association by means of Lean Office'. Authors: Alejandro Escudero-Santana, Pablo Aparicio Ruiz, Elena Barbadilla, María Rodríguez Palero
- ID 004: 'Confort adaptativo aplicado a edificios escolares y aplicabilidad en el sur de España'. Authors: Pablo Aparicio Ruiz, Luis Onieva, Alejandro Escudero-Santana, Jesús Muñuzuri
- ID 049: 'Fuzzy Logic for the Improvement of Thermal Comfort and Energy Efficiency in non-Residential Buildings '. Authors: Elena Barbadilla, Jose Guadix, Pablo Cortés, María Rodríguez Palero

Miscellaneous

- ID 028: 'A Conceptual Framework for the Study of E-mail Marketing Effectiveness'. Authors: Angel-Jose Lorente-Paramo, Ángel Hernández-García, Julián Chaparro-Peláez
- ID 030: 'A model to study multi-channel e-commerce development: Barriers and Drivers'. Authors: Emiliano Acquila-Natale, Enrique Carlos Bianchi, Santiago Iglesias Pradas
- ID 045: 'Beyond the Customer Satisfaction: Are all customers equally satisfied?'. Authors: Dalilis Escobar Rivera, Martí Casadesús Fa, Paulo Alexandre Costa Araújo Sampaio, Alexandra Simon
- ID 099: 'Integrated Project Delivery: A Literature Review and Research Agenda'. Authors: Iván González Boubeta, José Carlos Prado Prado

Production Planning and Control

- ID 037: 'Gestión del aprovisionamiento sin previsiones: Del MRP al Demand Driven MRP'. Authors: Alaitz Kortabarria, Unai Apaolaza, Aitor Lizarralde Aiausti
- ID 046: 'Identificar los cuellos de botella en sistemas productivos: ¿una decisión estratégica u operativa? Perspectivas prácticas desde la industria'. Authors: Aitor Lizarralde Aiausti, Unai Apaolaza, Miguel Mediavilla
- ID 091: 'Setting the Order-Up-to Level in a Retailer: Challenges and Empirical Comparison of Simple Methods'. Authors: Vicent Asensio Molina, angel ruiz, Jose P. Garcia-Sabater, Julio J. Garcia-Sabater
- ID 095: 'Combined Inventory Management and Production Schedule : A case study with a closed-loop foam injection system '. Authors: Rodrigo Calle, Jose P. Garcia-Sabater, angel ruiz, Julien Maheut

Operations Research

- ID 032: 'A MILP model for evaluating the impact of strategic decisions on promotions in universities'. Authors: Rocio de la Torre, Manuel Mateo
- ID 050: 'Stock control analytics: a new approach to estimate the fill rate for the continuous base-stock policy'. Authors: Eugenia Babiloni, Ester Guijarro, Juan Ramon Trapero
- ID 080: 'A Multi-period Location-allocation Formulation for Network Design Problems with Intermodal Nodes'. Authors: Anny Del Mar Agamez Arias, Jose P. Garcia-Sabater, angel ruiz, José Moyano-Fuentes
- ID 094: 'A MILP approach to maximize productivity in mixed-model assembly lines '. Authors: Rocio Alfaro-Pozo, Joaquín Bautista

Friday July 13th (10:00 - 11:30)

Strategy

- ID 079: 'Crowdsourcing and the implementation process. The Crowd Pillars'. Authors: Hector Alonzo Castillo Aguiar, Mercedes Grijalvo, Alberto Martinez, Miguel Palacios
- ID 083: 'Identification and prioritization of Industry 4.0 projects in SME´s: A process approach'. Authors: Juan Ignacio Igartua, Jaione Ganzarain, Dorleta Ibarra
- ID 103: 'Empirical measurement instruments for Business Model Innovation: A review'. Authors: Dorleta Ibarra, Jaione Ganzarain, Juan Ignacio Igartua
- ID 122: 'Product innovation in Spain: Measuring the innovation performance of the firms in collaboration with universities and research institutes '. Authors: Giovanna Lara, Josep Llach, Anna Arbussà

Quality

- ID 057: 'Electrification of Madrid Fleet Public Transport Company (EMT): Strategic Analysis And Implementation.'. Authors: Jaime García Hernanz, Gustavo Morales, Gonzalo Fernández Sánchez, Eduardo Pilkington González, Teresa Sánchez Chaparro
- ID 106: 'Electric and hybrid motorcycle drivers at work, how do they perceive the effects of the lack of noise of these vehicles?'. Authors: M^a del Carmen Pardo-Ferreira, Juan Carlos Rubio-Romero, Manuel García-Jiménez
- ID 109: 'Sustainable urban mobility: development of a biking index'. Authors: Lorenzo Ros McDonnell, María Victoria de la Fuente, Diego Ros McDonnell, Manuel Cardós Carboneras

Supply Chain (Spanish)

- ID 038: 'What are the main factors that reduce the efficiency of road transport? An exploratory study '. Authors: Mar Fernández Vázquez-Noguerol, Andrea González, Iván González Boubeta, José Carlos Prado Prado
- ID 066: 'Impacto de la Perspectiva de Género en la Resiliencia de la Cadena de Suministro'. Authors: Elena Navarro Astor, Llanos Cuenca, Ana Estesó
- ID 090: 'Planning the transportation of perishable products: the case of an export company '. Authors: Paola Peralta Sanchez, Joan Morant-Llorca, Jose P. Garcia-Sabater, angel ruiz
- ID 092: 'Planning of storage space and material handling alternatives to supply an Assembly Line '. Authors: Javier Reina-Megias, Jose P. Garcia-Sabater, angel ruiz, Aida Saez-Mas

Operations Research

- ID 005: 'A Case Study at the factory Nissan Barcelona on Flow Shop Scheduling Problems with Demand Plans of Job Types'. Authors: Joaquín Bautista, Rocio Alfaro-Pozo
- ID 009: 'Performance of Unreliable Merging Lines with Uneven Buffer Capacity Allocation'. Authors: Sabry Shaaban, Rodrigo Romero, Miguel Mujica Mota
- ID 012: 'Improving Vegetables Quality in Small-Scale Farms Through Stakeholders Collaboration'. Authors: Ana Estesó, María del Mar Eva Alemany, Angel Ortiz
- ID 014: 'Assignment of Volunteers in a sport event. Case Restricted Fitness by Cut-off mark'. Authors: Joaquín Bautista, Manuel Mateo, Rocio de la Torre

Human Resources

- ID 069: 'Which 4.0 professional competencies should develop middle managers and operators?'. Authors: Álvaro Lleó, José Ignacio Terrés Goena, Elisabeth Viles, Javier Santos
- ID 104: 'Evolution of the Functional Resonance Analysis Method (FRAM) through the combination with other methods '. Authors: M^a del Carmen Pardo-Ferreira, María Martínez-Rojas, Francisco Salguero Caparros, Juan Carlos Rubio-Romero
- ID 077: 'Audiovisual documentation as the basis of an Occupational Health and Safety Management System'. Authors: Arturo J. Fernández González, Iván González Boubeta, Andrea González, José Carlos Prado Prado

Friday July 13th (12:15 - 13:45)

Strategy (Spanish)

- ID 007: 'Mecanismos de gobernanza de la sostenibilidad de la cadena de suministro'. Authors: Jesús Morcillo, Alfonso Duran Heras
- ID 023: 'Simulation Model at a Strategic Level: Application to Information Technologies Integration, Lean /Just-in-time and Lead-time'. Authors: Luciano Novais, Angel Ortiz, Juan Maqueira
- ID 105: 'Why does Facebook matter in the internationalization of Higher Education?'. Authors: Virginia Hernández, Belen Usero

Quality

- ID 024: 'Industrial Symbiosis: exploring challenges and opportunities for SMEs in an industrial park '. Authors: Carmen Jaca, Javier Santos, Elisabeth Viles, Marta Ormazabal
- ID 035: 'MARPOL issues in Canary Islands ports: alternatives and optimization of energy management'. Authors: Manuel Uche-Soria, Carlos Monroy
- ID 044: 'A multi-criteria methodology to select suppliers for sustainable supply chains'. Authors: María-José Verdecho, Faustino Alarcón Valero, David Perez Perales, Juan-José Alfaro-Saiz, Raúl Rodríguez-Rodríguez

Supply Chain

- ID 062: 'How to negotiate with dominant suppliers? A game-theory perspective from the industry'. Authors: Miguel Mediavilla, Kepa Mendibil, Olga Rivera
- ID 064: 'Reverse Logistics Causes and treatment Alternatives.'. Authors: Pascual Cortes, Faustino Alarcón Valero
- ID 067: 'Organizational best practices in packaging design. An analysis in perfumery and cleaning products'. Authors: Jesus García Arca, A. Trinidad Gonzalez Portela Garrido, José Carlos Prado Prado

Production Planning and Control

- ID 016: 'Adapting a pull-based production system for use during the ramp-up phase. A simulation case in an automotive plant.'. Authors: Elisabeth Viles, Ramón Bultó, Ricardo Mateo, Esteban Solá
- ID 073: 'Joint Price and Reorder Point Determination for Profit Maximization'. Authors: Manuel Cardós Carboneras, María Victoria de la Fuente, Lorenzo Ros McDonnell
- ID 088: 'A Discrete Firefly Algorithm for solving the Flexible Job Shop Scheduling Problem in a make-to-order manufacturing system'. Authors: Nicolás Álvarez Gil, Rafael Rosillo Cambor, David de la Fuente, Raul Pino, Alberto Gomez Gomez

Operations Research (Spanish)

- ID 060: 'Subastas combinatorias basadas en agentes para la asignación de slots ferroviarios'. Authors: Eduardo Navas, David Poza, Félix Villafañez, Adolfo Lopez-Paredes, Javier Pajares
- ID 096: 'Tipologías productivas en la programación de producción: identificación y gestión'. Authors: Pilar I. Vidal-Carreras, Julio J. Garcia-Sabater, Julien Maheut, angel ruiz

Doctoral Symposium

Thursday July 12th (10:00 - 11:30)

- ID 118: 'Human resource management and the implementation of cyber-physical production systems in medium-sized Spanish enterprises. '. Authors: daniel llinas, Jesus abad, Josep Coll Bertran
- ID 040: 'Study on barriers and success factors for a sustainable and successful Lean Transformation'. Authors: Nestor Gavilan, Carolina Consolación
- ID 051: 'Sustainability and the Sharing Economy: Modelling the Interconnections'. Authors: Meisam Ranjbari, Gustavo Morales, Zahra Shams Esfandabadi, Ruth Carrasco-Gallego

Thursday July 12th (14:30-17:00)

- ID 124: 'Blockchain for Electronic Voting Purposes'. Authors: Ricardo Chica, Anna Arbussà, Ricard Torres
- ID 010: 'Toolkit for simultaneously improving production and environmental efficiencies'. Authors: Andrés Muñoz-Villamizar, Javier Santos, Paloma Grau, Elisabeth Viles
- ID 068: 'Pharmaceutical Supply Chain Analysis'. Authors: Francisco Amaro-Martinez, Rodolfo De Castro
- ID 110: 'Taxation of Touristic Digital Industry: Measurement Tools and Tax Risk Management'. Authors: Daniel Vaccaro, Carme Martínez Costa
- ID 115: 'Orchestrating organisational transformation for business model innovation towards servitization in the automotive industry'. Authors: prasanna kumar kukkamalla, Andrea Bikfalvi, Anna Arbussà

Posters

- ID 013: 'Proposal of a Customer-Oriented Sustainable Balanced Scorecard for Agri-food Supply Chains '. Authors: María-José Verdecho, David Perez Perales, Faustino Alarcón Valero
- ID 018: 'Analysis of technological knowledge flows in the Basque Country'. Authors: Javier Gavilanes-Trapote, Ismael Etxeberria-Agiriano, Ernesto Cilleruelo, Gaizka Garechana, Iñaki Bildosola
- ID 021: 'Dimensioning the Supply Chain Decision Support Systems'. Authors: Julio César Puche Regaliza, Borja Ponte, José Costas Gual, Raul Pino, David de la Fuente
- ID 031: 'Outline for distribution network design'. Authors: Imma Ribas, Amaia Lusa, Albert Corominas, Manel Mateo
- ID 036: 'Scrip Dividends and Share Buy-Back Strategies Based on Volatility'. Authors: angel huerga, Carlos Monroy
- ID 041: 'Fuzzy Economic Order Quantity models: a literature review'. Authors: Sofia Estelles Miguel, Marta Palmer Gato, Jose Miguel Albarracín Guillem, Ester Guijarro
- ID 043: 'An approach to explore historical construction accident data using data mining techniques'. Authors: María Martínez-Rojas, Antonio Trillo-Cabello, M^a del Carmen Pardo-Ferreira, Juan Carlos Rubio-Romero
- ID 048: 'The role of people on the supply chain integration and coordination: Food for thought '. Authors: Eva Gallardo, Imma Ribas, Vicenc Fernandez
- ID 053: 'Human capital and strategic technological decisions on turbulence environment'. Authors: Lourdes Sáiz Bárcena, David Perez, Miguel Angel Manzanedo del Campo, Arturo Pérez-Miguel
- ID 054: 'Sequencing Planning MILP for multi-machine with limited availability of setup operators'. Authors: Beatriz Andres, Raquel Sanchis, Raúl Poler
- ID 055: 'Methodology to Validate Results from European Projects: The C2NET Case Study'. Authors: Raquel Sanchis, Beatriz Andres, Raúl Poler
- ID 056: 'Patentometric: monitoring the scientific and technological trends of Additive Manufacturing in Medical Applications'. Authors: Izaskun Alvarez, Enara Zarrabeitia, Rosa Rio-Belver, Iñaki Bildosola, Itziar martinez de alegria
- ID 061: 'Identification of Barriers of Entry to the European Market of Medical Devices. Study of Cases in Spanish Companies.'. Authors: Yariza Chaveco, Juan Carlos Rubio-Romero, Rosa Mayelin Guerra Bretaña

- ID 070: 'Training Program on Advanced ICT Tools for enhancing Manufacturing Process Planning competences in Plastic Industries SMEs'. Authors: Andrés Boza, Llanos Cuenca, Raquel Sanchis, Raúl Poler
- ID 078: 'Women in STEM education: a longitudinal study'. Authors: Ruth Carrasco-Gallego, Ana Moreno Romero, Silvia Serrano Calle
- ID 085: 'Impacto de la Calidad del Aire en la Movilidad Urbana. Análisis de una Ciudad Mediterránea'. Authors: Lorenzo Ros McDonnell, María Victoria de la Fuente, Diego Ros McDonnell, Manuel Cardós Carboneras
- ID 087: 'Desarrollo de una red social online para el diseño, seguimiento y coordinación de los TFG en Ingeniería'. Authors: Raúl Rodríguez-Rodríguez, María-José Verdecho, Juan-José Alfaro-Saiz, Pedro Gómez-Gasquet
- ID 089: 'Empirical study of the business growth strategy related to the added value by intellectual capital.'. Authors: Roberto Alcalde, Lourdes Sáiz Bárcena, Miguel Ángel Manzanedo del Campo, Ricardo del Olmo
- ID 093: 'FAHP applications for manufacturing environments: A contemporary review and classification'. Authors: Victor Anaya, Raul Rodriguez, Angel Ortiz
- ID 097: 'Application of Combinatorial Auctions to create a 3Dprinting market'. Authors: Adolfo Lopez-Paredes, Javier Pajares, Natalia Martín, Ricardo del Olmo, Salvador Castillo
- ID 100: 'Allocation of resources in a regional hospital. A case study for the Gachetá hospital'. Authors: Javier Parra Peña, Rafael Ernesto Hidalgo Durán
- ID 101: 'Influencia de los stakeholders en la implementación de prácticas de logística inversa. Caso de Mipymes, Bogotá D.C. (Colombia)'. Authors: Yeny Andrea Niño Villamizar, Carlos Eduardo Moreno Mantilla
- ID 108: 'Exploring the drivers of Consumers' Logistics Selection in Omni channel '. Authors: mohammad mahdi zarei, Emiliano Acquila-Natale, Ángel F. Agudo
- ID 112: 'Teaching Business Subjects to Engineers: assessing automatic e-learning correctors'. Authors: Assumpció Rafart, Andrea Bikfalvi, Jordi Poch, Josep Soler
- ID 116: 'The evolution of Business Intelligence with Neuroinformatics. '. Authors: Irene Martín-Rubio, Juan Fombellida, Diego Andina
- ID 117: 'A Method to Select Key Performance Indicators using Multivariate Factor Analysis'. Authors: Rafael Sanchez Marquez, Jose Miguel Albarracín Guillem, Eduardo Vicens-Salort

- ID 119: 'Explorando los factores que influyen en la felicidad en el aula: un estudio comparado en Chile, México y Portugal'. Authors: Susana Quirós y Alpera, Luis Manuel Cerdá Suárez
- ID 120: 'Incorporación de la lógica difusa en modelos de electrificación para comunidades rurales'. Authors: Rosa Galleguillos-Pozo, Laia Ferrer-Martí, Bruno Domenech, Rafael Pastor
- ID 123: 'Proyecto SEAFRESH. Diseño y desarrollo de un sistema inteligente de apoyo a la decisión en el sector del pescado refrigerado y congelado'. Authors: Antonio García-Lorenzo, Joaquin Romero-Rivero
- ID 125: 'A general overview of the industry 4.0 concept for production management and engineering '. Authors: Héctor Cañas, Josefa Mula
- ID 126: 'G-Tweet: Tool allowing to detect incidents on Twitter'. Authors: José Juan Nebro Mellado