

Monday, October 22nd

3.00pm-7.00pm Registration open until Welcome reception

4.00pm-6.30pm Optional Visit to Alhambra

7.00pm-8.00pm Opening and Plenary Session.

(ALTIPLANO)

“Warm Welcome” by Rafaela Alfalla, President of the Spanish Association of Operations and Technology Management (ACEDEDOT) and Rafael Cano, Dean of the School of Economics and Business Management, Universidad de Granada

“An overview of the OM contents of POMS Granada 2018” by Daniel Arias Aranda (Conference Chair, Universidad de Granada) and Beatriz Minguela (Former ACEDEDOT President, Universidad Complutense de Madrid)

“Humanitarian Operations and Crisis Management” by Professor Sushil Gupta, POMS Executive Director, Florida International University

8.30pm- 9.30pm Welcome reception

Tuesday, October 23rd

8.30 am- 9.00am Registration

9.00 am-10.00am Keynote Speakers

(ALTIPLANO)

“Design Thinking and lean UX in Telco Operations”. Jesús Claret Tremps, Operations Manager at Orange Telecommunications

“Profitability and Productivity on the new Omnichannel Retail”. Diego de Vicente, CEO of Modalia

10.00am-10.30am Coffee Break

10.30 am-11.45pm Parallel Sessions 1

11.45pm-1.00pm Parallel Sessions 2

1.15pm-2.30pm Lunch

2.30pm-4.00pm Meet the Editors Session

(ALTIPLANO)

Mark Pagell, Editor of the Journal of Supply Chain Management

Cristina Giménez Thomsen, Editor of International Journal of Operations and Production Management

- 4.00pm-5.15pm** Parallel Sessions 3
- 5.15pm-5.45pm** Coffee Break
- 5.45pm-7.00pm** Parallel Sessions 4
- 8.30pm-11.00pm** Conference dinner at Carmen de los Chapiteles. Departure from de Hotel Abades Nevada Palace at 8.00pm

Wednesday, October 24th

- 9.00am-10.30am** Keynote Speaker **(ALTIPLANO)**

"The source of knowledge in the Open Innovation age: How Crowdsourcing is changing the game". Giovanni Perrone, President of EUROMA

"Japan Smart Society 5.0: Hitachi Transformation beyond Industry 4.0". Jorge Calvo, Deputy Dean and Faculty of Strategy, Industry 4.0, Operations Strategy and Business Research at GLOBIS University Graduate School of Management, Tokyo, Japan

- 10.30am-11.00am** Coffee Break

- 11.00am-12.00pm** Keynote speaker **(ALTIPLANO)**

"New Trends on the Technology procurement in the Spanish Defense". Rafael González Sánchez, Commander of the Spanish Navy Intendancy Corps, and María Rosario Garzón, Ensign of the Military Corps of the Spanish Army

- 12.00pm-1.15pm** Parallel Sessions 5

- 1.15pm-2.45pm** Lunch

- 2.45pm-4.00pm** Keynote Speaker **(ALTIPLANO)**

"Tissue engineering for manufacturing artificial skin: Successful clinical experiences in Andalusia with severe burns patients". Salvador Arias Santiago, Head of the Cell Production and Tissue Engineering Unit of the Virgen de las Nieves & Assoc. Prof. Universidad de Granada

"Tech, Trust & Governance". Vladimir Stantchev, Professor at SRH Hochschule Berlin and Director of the Information Systems Institute

- 4.00pm-5.15pm** Parallel Sessions 6

- 5.15pm-5.45pm** Coffee Break

- 5.45pm-7.00pm** Parallel Sessions 7

- 7.00pm-7.30pm** Closing **(ALTIPLANO)**

- 8.00pm** Night visit to Albayzin and dinner (not included in registration)

TUESDAY, OCTOBER 23

10.30-11.45 PARALLEL SESSIONS 1

PARALLEL 1.1. Technology and Operations Management

(LECRIN)

Chair: Davood Golmohammadi (University of Massachusetts Boston)

The influence of motivations on the results of implementing EFQM excellence model. Raquel Gómez-López (Universidad De Cantabria), Patricia Martínez (Universidad De Cantabria), Lidia Sanchez-Ruiz (Universidad De Cantabria)

Ebusiness adoption in incumbents and its impact on firm performance. Lirios Alos-Simo (Universidad Miguel Hernández), Antonio Verdu-Jover (Universidad Miguel Hernández), Jose M. Gomez-Gras (Universidad Miguel Hernández), Marina Estrada-de-la-Cruz (Universidad Miguel Hernández)

Suitability of Internet of things investments assessment for making-decision. Jorge Tarifa-Fernández (Universidad de Almería), Ana María Sánchez-Pérez (Universidad de Almería), Salvador Cruz-Rambaud (Universidad de Almería)

An Analysis About the Role of Firm Size and Business Strategy During Disruption in Airline Industry. Davood Golmohammadi (University of Massachusetts Boston), Mahour Mellat Parast (North Carolina A&T State University)

PARALLEL 1.2 Sustainable Operations

(LOJA)

Chair: María José Montes-Sancho (Universidad Carlos III de Madrid)

Advancing Environmental Sustainability via Brownfield Remediation: Framework to Control Future Brownfield in Ethiopia lesson to Africa. Mikiale Gebreslase Gebremariam (Northwestern Polytechnical University), Yuming Zhu (Northwestern Polytechnical University, Farooq Sahibzada Umar (Northwestern Polytechnical University, Dawit Nega Bekele (University of Newcastle)

Development of indicators for circular economy assessment in Spanish companies. John Rincón-Moreno (Tecnun-Universidad de Navarra), Marta Ormazabal (Tecnun-Universidad de Navarra), María Jesús Alvarez (Tecnun-Universidad de Navarra), Carmen Jaca (Tecnun-Universidad de Navarra)

Social Value Creation in Supply Chains Through Procurement A Case Study on Interaction with Social Enterprises. Osama Meqdadi (Rennes School of Business), Thomas Johnsen (Politecnico di Milano - School of Management)

Circular Economy and Pay Per Generation Schemes: Package management in Spain. María José Alvarez Gil (Universidad Carlos III de Madrid), María José Montes Sancho (Universidad Carlos III de Madrid), Federico Martín Casillas (Universidad Carlos III de Madrid)

PARALLEL 1.3 Supply Chain Management

(ALPUJARRA)

Chair: Davide Luzzini (EADA Business School)

Ambidextrous strategy and Supply Chain Flexibility: a comparison between ISO-certified firms and non-ISO certified firms. Araceli Rojo Gallego-Burín (Universidad de Granada), Nieves Pérez-Aróstegui (Universidad de Granada), Javier Llorens Montes (Universidad de Granada), Irene Huertas-Valdivia (Universidad de Granada)

Reverse supply chain in wind farms repowering to recover valuable material for remanufacturing. Francisco Javier Ramírez Fernández (Universidad de Castilla-La Mancha), Andrés Honrubia Escribano (Universidad de Castilla-La Mancha), Emilio Gómez Lázaro (Universidad de Castilla-La Mancha), Duc T. Pham (University of Birmingham)

Social impact supply chain management: Relationship management approaches in presence of institutional complexity. Davide Luzzini (EADA Business School), Madeleine Pullman (EADA Business School), Annachiara Longoni (ESADE Business School), Martin Habiague (Mescladis)

Cooperatives or intermediaries in the cocoa supply chain: What motivates the Peruvian farmer in the channel selection? Angie Higuchi (Universidad del Pacifico), Rafaela Alfalla-Luque (Universidad de Sevilla), Daniel Coq-Huelva (Universidad de Sevilla), Ruth Arias-Gutierrez (Universidad Estatal Amazonica)

PARALLEL 1.4 Service Operations and Servitization

(COSTA TROPICAL)

Chair: Maria Luz Martín Peña (Universidad Rey Juan Carlos)

The increase of the Absorptive Capacity: a solution before the crisis of the Regional and Local Press. Francisco Sanchez-Montesinos (Universidad de Granada), Oscar F. Bustinza (Universidad de Granada), Daniel Arias-Aranda (Universidad de Granada), Manuel Ríos (Universidad de Granada)

Technological Innovation and Servitization in Manufacture. An Analysis in Spanish Industry. María-Luz Martín-Peña (Universidad Rey Juan Carlos), Eloísa Díaz-Garrido (Universidad Rey Juan Carlos), José-María Sánchez-López (Universidad Rey Juan Carlos), Elena Giménez-Fernández (Universidad Rey Juan Carlos)

Servitization as a source of industrial value creation: overcoming the product paradigm . Monika Maria Moehring (Technische Hochschule Mittelhessen)

Assessing perceived quality in Collaborative Consumption services. Josep Llach (University of Girona), Frederic Marimon (Universitat Internacional de Catalunya), Marta Mas-Machuca (Universitat Internacional de Catalunya), María del Mar Alonso Almeida (Universidad Autónoma de Madrid)

11.45-1.00 PARALLEL SESSIONS 2

PARALLEL 2.1 Technology and Operations Management

(LECRIN)

Chair: Miguel Malek Maalouf (Aalborg University)

Investigating the complementarity between operational and OHS capabilities in the garment industry in Bangladesh. Miguel Malek Maalouf (Aalborg University), Abu Hamja (Aalborg University), Peter Hasle (Aalborg University)

Do trust and distrust substitute each other or may co-exist. Sayed Muhammad Fawad Sharif (Northwestern Polytechnical University, Xian China), Yang Naiding (Northwestern Polytechnical University, Xian China), Fouzia Kanwal (Southwest Jiaotong University, Chengdu)

Vendor integration in the supply chain of the buyer for IT outsourcing success. Andrés J. Navarro-Paule (Universidad de Granada), M. Mercedes Romerosa-Martínez (Universidad de Granada)

Absorptive capacity as enabler of the relationship between quality management and innovation performance. Nieves Pérez-Aróstegui (Universidad de Granada), Araceli Rojo Gallego-Burín (Universidad de Granada), FranciscoJavier Llorens Montes (Universidad de Granada)

PARALLEL 2.2 Technology and Operations Management

(COSTA TROPICAL)

Chair: Cristina López (Universidad Pablo de Olavide),

An integrative approach to proactively enhance resilience capacity in business environments. Cristina López (Universidad Pablo de Olavide), Isaac Alayón-Marrero (Universidad Pablo de Olavide), Luciana Fazzini (Universidad Pablo de Olavide)

Incidence of the slope of the land in the manual harvest indicators of oranges in Caldas-Colombia. Alex Mauricio Ovalle Castiblanco (Universidad Autónoma de Manizales), Diana María Cárdenas Aguirre (Universidad Nacional de Colombia-Sede Manizales)

Robots in a new era of productivity and efficiency: Implications for industry transformation. Manuel Morales Contreras (Universidad Complutense Madrid), José Ignacio López Sánchez (Universidad Complutense Madrid), Antonio Rodríguez Duarte (Universidad Complutense Madrid)

Quality systems, human aspects and competitive advantage in tourism industry. Juan José Tarí (Universidad de Alicante), Jorge Pereira Moliner (Universidad de Alicante), María D. López Gamero (Universidad de Alicante), José F. Molina-Azorín (Universidad de Alicante)

PARALLEL 2.3 Sustainable Operations

(ALTIPLANO)

Chair: Boualem Rabta (Aplén-Adria Universitaet Klagenfurt)

Validation of a scale for measuring middle managers' trustworthiness in continuous improvement environments. Alvaro Lleo de Nalda (Universidad de Navarra), Elisabeth Viles (Universidad de Navarra), Daniel Jurburg (CINOI-Universidad de Montevideo), Fernando Ruiz (Universidad de Navarra)

Lean Supply Chain and Environmental Sustainability: A Systematic Literature Review and paths for further investigation. María Macarena Melero López (Universidad de Jaen), José Moyano-Fuentes (Universidad de Jaen), Pedro Martínez-Jurado (Universidad de Jaen)

Optimal order quantity inventory model in a circular economy. Boualem Rabta (Aplén-Adria Universitaet Klagenfurt)

Sustainable Supply Chain Management and Sharing Economy in Spain: How "conventional" Hotels innovate to remain competitive. Maria Jose Alvarez Gil (Universidad Internacional de Andalucía), Maria del Mar Alonso Almeida (Universidad Autónoma de Madrid), María José Montes Sancho (Universidad Carlos III de Madrid)

PARALLEL 2.4 Supply Chain Management

(LOJA)

Chair: Jorge Tarifa-Fernández (Universidad de Almería)

Inventory signaling with non-monotone prices: Theory and evidence from the air travel industry. Katherine Ashley (Montclair State University)

Up-scaling the suppliers and operations of a niche hybrid fuel vehicle manufacturer. Ben Clegg (Aston University), Dimitra Kalaitzi (Aston University), Aristides Matopoulos (Aston University)

The importance of establishing a solid-foundation interorganizational relationship. Jorge Tarifa-Fernández (Universidad de Almería), Jerónimo de-Burgos-Jiménez (Universidad de Almería), José Felipe Jiménez-Guerrero (Universidad de Almería)

An empirical model for estimating berth and sailing times of mega container ships. Mohamed Grida (Zagazig University), Chung-Yee Lee (The Hong Kong University of Science and Technology)

PARALLEL 2.5 General Track

(ALPUJARRA)

Chair: Andrea Roberto Beraldin (Università degli Studi di Padova)

The effect of soft lean practices on workers' well-being – an empirical analysis. Andrea Roberto Beraldin (Università degli Studi di Padova), Pamela Danese (Università degli Studi di Padova), Pietro Romano (Università degli Studi di Udine)

Quality as a Goal: How the number of tasks impacts compliance and quality levels. Jatinder (Jeet) N. D. Gupta (University of Alabama in Huntsville), Anna G. Devlin (University of Alabama in Huntsville)

Entrepreneurial characteristics and traits: A gender comparative study. Hina Munir (Northwestern Polytechnical University Xi'an, China), Cai Jianfeng (Northwestern Polytechnical University Xi'an, China)

Is Mass Customisation for Every Country? Ali Nazarpour (Maynooth University Business School), Brian Fynes (University College Dublin), Joseph Coughlan (Maynooth University Business School)

04.00-05.15 PARALLEL SESSIONS 3

PARALLEL 3.1 Technology and Operations Management

(LECRIN)

Chair: Kohei Mishima (Keio University, Tokyo)

Management of MNEs on Overseas Subsidiaries and Innovation; Case of the Brazilian Motorcycle Industry. Kohei Mishima (Keio University, Tokyo)

Optimising the speed of screening in an EPQ model with speed-dependent defect detection rate. Zsuzsanna Hauck (University of Pécs), Boualem Rabta (Alpen-Adria Universitaet Klagenfurt), Gerald Reiner (Alpen-Adria Universitaet Klagenfurt)

Facilitating business model change: The development of an index measuring business model distance. Hannah Fabry (RWTH Aachen University)

Success Through Strategically Disrupting the BCG Portfolio Matrix of the Firm. Arthur I. Rutledge (Mercer University), Carol J. Cagle (Mercer University)

PARALLEL 3.2 Technology and Operations Management

(ALPUJARRA)

Chair: Javier Merino Diaz de Cerio (Universidad Pública de Navarra)

The impact of Suppliers, Customers and Manufacturing Involvement in New Product Development on performance. Alejandro Bello-Pintado (Universidad Pública de Navarra), Javier Merino Diaz de Cerio (Universidad Pública de Navarra), Carlos Bianchi (Universidad Pública de Navarra)

A data-driven analysis of equilibrium in the U.S. airline market. Soheil Sibdari (University of Massachusetts Dartmouth)

Launching Next-Generation Products in a Competitive Market. Xishu Li (Rotterdam School of Management, Erasmus University), Rob Zuidwijk (Rotterdam School of Management, Erasmus University), Rene de Koster (Rotterdam School of Management, Erasmus University), Suresh Sethi (University of Texas at Dallas)

Including risk considerations into the Supply Chain Network Design. Sergio Rubio (Universidad de Extremadura), Ernest Benedito (Universitat Politècnica de Catalunya), M. Carme Martínez-Costa (Universitat Politècnica de Catalunya)

PARALLEL 3.3 Supply Chain Management

(COSTA TROPICAL)

Chair: Werner Jammerneegg (WU Vienna)

Applying fuzzy theory in value stream mapping: a case study of a footwear manufacturer. Qingqi Liu (Dalian Maritime University), Hualong Yang (Dalian Maritime University), Zhihong Jin (Dalian Maritime University),

Factors delineating SCM Strategy into Business Strategy. A case study in Latam. Carlos R. Arredondo (Universidad Católica de Argentina), José A. Alfaro-Tanco (Universidad de Navarra)

Lean management in hotels: a systematic literature review. Macarena Sacristán-Díaz (Universidad de Sevilla), Vladimir Perdomo-Verdecia (Hotel Meliá Santiago de Cuba)

Relating risk preferences to ordering behavior in non-standard newsvendor models. Werner Jammerneegg (WU Vienna), Peter Kischka (University of Jena), Lena Silbermayr (WU Vienna)

PARALLEL 3.4 Service Operations and Servitization

(LOJA)

Chair: José Ignacio López-Sánchez (Universidad Complutense De Madrid)

Optimal Police Staffing and Workload Assignment in Law Enforcement using Multi-Server Queueing model. Xin Zhai (Guanghua School of Management, Peking University), Zhongyi Liu (School of Management, People's Public Security University of China), Jingchen Liu (Guanghua School of Management, Peking University), Guanying Wang (College of Management and Economics, Tianjin University)

Does the location of the tourist influence the economic impact of the service sector? Antonio Rodriguez-Duarte (Universidad Complutense De Madrid), Jose Ignacio Lopez-Sanchez (Universidad Complutense De Madrid), Francesco D. Sandulli (Universidad Complutense De Madrid), Elena Gimenez (Universidad Complutense De Madrid)

Improving the Service Design Process using Quality Management Principles. Canan Kocabasoglu-Hillmer (Cass Business School), Lilian de Menezes (Cass Business School)

Ranking Performances of Service Departments via Integrated Interval Type 2 Fuzzy AHP and Hesitant Fuzzy TOPSIS. Ozlem Senvar (Marmara University)

PARALLEL 3.5 Humanitarian, Healthcare Operations and Crisis Management (ALTIPLANO)

Chair: Sushil Gupta (Florida International University),

Diagnosing and digitizing patient-centric processes: applied research in large-scale clinical operations. Monika Maria Moehring (Technische Hochschule Mittelhessen)

A Fuzzy Cognitive Map approach to risk management for the humanitarian sector. Claudia Paciarotti (Università Politecnica delle Marche), Giovanni Mazzuto (Università Politecnica delle Marche), Chrysostomos Stylios (Technological Educational Institute of Epirus), Filippo Emanuele Ciarapica (Università Politecnica delle Marche), Maurizio Bevilacqua (Università Politecnica delle Marche)

Impact of Frequency and Magnitude of Natural Disasters on Inventory Pre-Positioning. Reza Zanjirani Farahani (Kingston University, UK), Sushil Gupta (Florida International University), Martin Starr (Rollins College), Fatemeh Ghasemzadeh (Allameh Tabataba'i University Business School, Tehran, Iran), Hoda Davarzani (Deloitte, Sydney, Australia)

Sustainable Healthcare Operations: Perceived Organizational Support's contribution towards Service Quality with mediating role of Internal Marketing and Innovative Work Behavior. Zahid Shafait (Northwestern Polytechnical University Xian China), Zhu Yuming (Northwestern Polytechnical University Xian China), Umar Farooq Sahibzada (Northwestern Polytechnical University Xian China)

The Uses and Gratifications Theory on Facebook Fans Page in the Hospitality Industry. Su-Mei Chiu (NSYSU, Kaohsiung, Taiwan)

05.45-07.00 PARALLEL SESSIONS 4

PARALLEL 4.1 Supply Chain Management

(LOJA)

Chair: Lidia Sanchez-Ruiz (Universidad de Cantabria)

Advantages derived from outsourcing: a rank based on rasch measurement theory analysis. Lidia Sanchez-Ruiz (Universidad de Cantabria), Beatriz Blanco (Universidad de Cantabria), Raquel Gomez-Lopez (Universidad de Cantabria)

Research on Multi-item/Two-stage JIT Joint Replenishment Considering Consumer Responses to Stock-out. Hualong Yang (Dalian Maritime University), Zhihong Jin (Dalian Maritime University), Qingqi Liu (Dalian Maritime University)

Joint Purchasing with Demand and Technology Uncertainty. Philippe Chevalier (Université catholique de Louvain), Wenli Peng (Université catholique de Louvain), Gilles Merckx (University of Namur), Aadhar Chaturvedi (University of Namur)

Consignment and revenue-sharing contracts with competing retailers under demand uncertainty. Younes Hamdouch (United Arab Emirates University), Kilani Ghoudi (United Arab Emirates University)

PARALLEL 4.2 General Track

(LECRIN)

Chair: Tonny Rodrigues(Centro Universitário Santo Agostinho)

The Impact of Total Quality Management practices on Innovation: an empirical study in Palestinian service companies. Ahmad Herzallah (Al-Quds University), Ne'mah Shoqeir (Al-Quds University)

Meanings Associated with The Car Consumption by Homosexuals of The Emerging Medium Class. Tonny Rodrigues (Centro Universitário Santo Agostinho), Ingrid Rodrigues (Centro Universitário Santo Agostinho)

Influence of Social Factors on Entrepreneurial Intentions: a Comparative Study of University Students in two Regions. Hina Munir (Northwestern Polytechnical University Xi'an China), Cai Jianfeng (Northwestern Polytechnical University Xi'an China)

How should Omni-channel retailers reconfigure their store networks for online fulfilment? Bart L. MacCarthy (Nottingham University), Lina Zhang (Nottingham University), Luc Muyldermans (Nottingham University)

PARALLEL 4.3 Enhancing the practical relevance of OM research: industry-academic collaboration (ALPUJARRA)

Chair: Juan A. Marin-Garcia (Universitat Politècnica de València)

Real-time Re-scheduling for Public Transit. Janny Leung (The Chinese University of Hong Kong, Shenzhen), Yong-Hong Kuo (The University of Hong Kong), David Lai (VU Amsterdam), Kam-Fung Cheung (The Chinese University of Hong Kong)

Human Capital Consequences of Innovation Openness in Manufacturing: Changes in skills-driven recruitment. Alejandro Bello-Pintado (Public University of Navarre), Carlos Bianchi (IECON-Institute of Economics. Udelar)

Kaizen in administrative services at departments of a public higher education organization. An action research. Juan A. Marin-Garcia (Universitat Politècnica de València)

Organizational Sensemaking in Times of Turbulence and Change: The Case of Additive Manufacturing. Ruth Jiang (RWTH Aachen University), Frank T. Piller (RWTH Aachen University), Fabrizio Salvador (IE University)

Employee Voice Identification for Improving Productivity and OHS in Lean Implementation. Mohammad Abdul Latif (Aalborg University), Vang Jan (Aalborg University)

WEDNESDAY, OCTOBER 24

12.00-01.15 PARALLEL SESSIONS 5

PARALLEL 5.1 Supply Chain Management (LECRIN)

Chair: Rafaela Alfalla-Luque (Universidad de Sevilla)

Reinterpreting Fisher's coordinated strategies: a longitudinal case study. Roy Stratton (Nottingham Trent University)

Does the industry matter for Triple-A SC effects? Rafaela Alfalla-Luque (Universidad De Sevilla), José A. D. Machuca (Universidad De Sevilla), Juan A. Marin-Garcia (Universitat Politècnica de Valencia)

Holistic and aggregated framework for supply chain risk management. Alina Díaz Curbelo (Universidad de Valladolid), Darkys Luján (Universidad de Sevilla), Ángel M Gento Municio (Universidad de Valladolid)

Strategic implications of SCM and fixed production schedule on competitive performance. Mario Roberto Acevedo- Amaya (Universidad Nacional Autonoma de Honduras), Cesar Humberto Ortega -Jimenez (Universidad Nacional Autonoma de Honduras), Jose A.D. Machuca (Universidad de Sevilla), Rafaela Alfalla-Luque (Universidad de Sevilla)

PARALLEL 5.2 General Track

(LOJA)

Chair: Jimut Bahan Chakrabarty (Indian Institute of Management Kozhikode)

The impact of Supply Chain strategies on sustainability: a multi-tier examination. Rocio Ruiz-Benitez (Universidad Pablo Olavide), Cristina López (Universidad Pablo de Olavide)

Accelerated development of talent: The case of Atlético de Madrid C.F. versus F.C. Barcelona. Pedro Núñez-Castro (Universidad de Jaen), Beatriz Minguela-Rata (Universidad Complutense de Madrid), Juan Manuel Maqueira Marín (Universidad de Jaen), José Fernández-Menéndez (Universidad Complutense de Madrid)

A configurative analysis of the efqm excellence model: the case of EFQM recipients in Spain. Ana-Belén Escrig-Tena (Universitat Jaume I), Juan-Carlos Bou-Llugar (Universitat Jaume I)

Optimum Life Test Plans in Presence of Type-I Hybrid Censoring for Products Sold Under General Rebate Warranty having Lognormal Lifetime. Jimut Bahan Chakrabarty (Indian Institute of Management Kozhikode), Shovan Chowdhury (Indian Institute of Management Kozhikode)

PARALLEL 5.3 Enhancing the practical relevance of OM research: industry-academic collaboration

(ALPUJARRA)

Chair: Lukas Moschko (RWTH Aachen University)

How the variables related with coffee growing are affected by the slope and size of farms. Vanesa Ramírez Valencia (Universidad Nacional de Colombia), Ricardo Arcila Vélez (Universidad Nacional de Colombia), Diana M^a Cardenas Aguirre (Universidad Nacional de Colombia), Santiago Ruiz Herrera (Universidad Nacional de Colombia)

Examination and prioritization of airline safety management systems using AHP. Nihan Gunes Cagin (Yeditepe University), Ozlem Senvar (Marmara University)

Paradoxical tensions in the context of digital transformation. Lukas Moschko (RWTH Aachen University), Vera Blazevic (RWTH Aachen University), Frank Piller (RWTH Aachen University)

Systems thinking in make-or-buy decisions during stages of design and engineering: three european case studies. Shishank Shishank (Birmingham City University)

PARALLEL 5.4 Artificial Intelligence and Data Analytics in Operations

(COSTA TROPICAL)

Chair: Julian Koch (South Westphalia University of Applied Sciences)

Integrating big data and lean: application to HPM companies. Darkys Luján (Universidad de Sevilla), Rene Abreu-Ledón (University Martha Abreu de las Villas, Cuba), José AD Machuca (Universidad de Sevilla), Antonio M Moreno-Moreno (Universidad de Sevilla)

Tabu Search Guided by Reinforcement Learning for the Max-Mean Dispersion Problem. Dieudonné Nijimbere (Northwestern Polytechnical University), Zhao Songzheng (Northwestern Polytechnical University), Wang Yang (Northwestern Polytechnical University), Xunhao Gu (Northwestern Polytechnical University) **WITHDRAW**

Building databases with R by gathering information from internet, focused on companies and researchers. Antonio M. Moreno Moreno (Universidad de Seville), Rafaela Alfalla Luque (Universidad de Seville), Carlos Sanchis Pedregosa (Universidad de Seville)

About the potential of RPA for Service Operations Management research: An experimental evaluation. André Coners (South Westphalia University of Applied Sciences), Julian Koch (South Westphalia University of Applied Sciences), Ingo Kregel (South Westphalia University of Applied Sciences), Michael Trampler (South Westphalia University of Applied Sciences)

PARALLEL 5.5 Sustainable Operations

(ALTIPLANO)

Chair: Stephan Hankammer (RWTH Aachen University)

Industrie 4.0: how customization through digitalization enables sustainability. Stephan Hankammer (RWTH Aachen University), Dieter Wegener (Siemens AG)

Internal networking and innovation ambidexterity: The role of knowledge management to improve operations. Virginia Fernández-Pérez (Universidad de Granada), Dainelis Cabeza-Pulles (Universidad de Granada), María Isabel Roldán Bravo (Universidad Politécnica de Madrid)

Green supply chain practices and organizational performance: A case study in Spain. Keivan Amirbagheri (Universidad de Barcelona), Ana Nuñez-Carballosa (Universidad de Barcelona), Laura Guitart-Tarres (Universidad de Barcelona)

Sustainable aquaculture growth through assessment of a dynamic matrix of non-subjective indicators. Luciano Vílchez Gómez (Universidad de Murcia), Virginia Fernández Pérez (Universidad de Granada)

4.00-5.15 PARALLEL SESSIONS 6

PARALLEL 6.1. Supply Chain Management

Chair: Nieves Pérez-Aróstegui (Universidad de Granada)

(ALPUJARRA)

Information technology and lean supply chain: a systematic literature review. Miguel Núñez Merino (Universidad de Jaén), Juan Manuel Maqueira Marín (Universidad de Jaén), José Moyano Fuentes (Universidad de Jaén), Pedro Martínez Jurado (Centro Universitario de la Defensa de Zaragoza)

A new measure of supply chain flexibility: supply chain flexibility fit. Its antecedents and consequences. Araceli Rojo Gallego-Burín (Universidad de Granada), Nieves Pérez-Aróstegui

(Universidad de Granada), Francisco Javier Llorens Montes (Universidad de Granada), Irene Huertas-Valdivia (Universidad de Granada)

Research on green supply chain: A bibliometric analysis. Keivan Amirbagheri (Universidad de Barcelona), Ana Nuñez-Carballosa (Universidad de Barcelona) Laura Guitart-Tarres (Universidad de Barcelona), José M. Merigó (Universidad de Barcelona)

JIT in world class manufacturing: intervening the SCM and competitive performance relationships. Mario Roberto Acevedo- Amaya (Universidad Nacional Autonoma de Honduras), Cesar Humberto Ortega- Jimenez (Universidad Nacional Autonoma de Honduras), Jose AD Machuca (Universidad de Sevilla), Rafaela Alfalla-Luque (Universidad de Sevilla)

PARALLEL 6.2 General Track

Chair: Michiya Morita (Gakushuin University)

(COSTA TROPICAL)

How manufacturing companies respond to Industry 4.0?: Implementation levels and patterns. Michiya Morita (Gakushuin University), Jose A.D. Machuca (Universidad de Sevilla), Jörn-Henrik Thun (Frankfurt School of Finance & Management)

What drives the implementation of Industry 4.0? Empirical analyses of manufacturing companies. Michiya Morita (Gakushuin University), Jose A.D. Machuca (Universidad de Sevilla), Antonio Moreno Moreno (Universidad de Sevilla)

Probing young consumers in pursuits of sustainable e-waste management: A survey study in China. Sidra Ramzan (NorthWestern PolyTechnical University, Xi'an China), Yan Xu (NorthWestern PolyTechnical University, Xi'an China), Chenguang Liu (NorthWestern PolyTechnical University, Xi'an China)

Analysis of the incidence of space connectivity in the transportation and agricultural supply chain in the south of the department of Bolívar, Colombia. Julio Adolfo Amézquita López (Universidad de Huelva), Jose Manuel Jurado Almonte (Universidad de Huelva), Anny del Mar Agámez Arias (Universidad Politécnica de Valencia), José Pedro Garcia Sabater (Universidad Politécnica de Valencia), José Moyano fuentes (Universidad de Jaén)

PARALLEL 6.3 Enhancing the practical relevance of OM research: industry-academic collaboration

(LOJA)

Chair: José A. Alfaro-Tanco (Universidad de Navarra)

Practitioner's benefits in action research studies: typology and degree of analysis. José A. Alfaro-Tanco (Universidad de Navarra), Lucía Avella (Universidad de Oviedo), Philip Moscoso (IESE Business School - Universidad de Navarra), Dag Näslund (University of North Florida)

Work Load Control (WLC) incorporating time buffer management: an action research study. Roy Stratton (Nottingham Trent University), Aquila Yeong (Nottingham Trent University)

Reviewing a 5-years collaboration for the introduction of Lean Six Sigma to a municipality. IngoKregel (South Westfalia University of Applied Sciences), MichaelTrampler (South Westfalia University of Applied Sciences)

Developing 4.0 professional competencies for engineering students: An action research Project. Alvaro Lleo de Nalda (Universidad de Navarra), Pablo Crespo (Universidad de Navarra), José María Gonzalez-Villalobos (Universidad de Navarra)

PARALEL 6.4 Humanitarian, Healthcare Operations and Crisis Management & Defense, Tourism and other Emerging OM (ALTIPLANO)

Chair: Zahra Seyedghorban (University of Melbourne)

The Impact of Risk Management Policy and Practice on Healthcare Operational Performance. Mecit Can Emre Simsekler (Khalifa University of Science and Technology)

A Heterogeneous Scheduling Model Based on Individual Patient Information. Davood Golmohammadi (University of Massachusetts Boston), Amir Yaghoubi (University of Tehran), Ali Torabi (University of Tehran)

Planning and Staff Scheduling in Hospitality: A Systematic Analysis of Literature .

Rishi Choudhary (Dublin Institute of Technology), Amr Mahfouz (Dublin Institute of Technology), John Ryan (Dublin Institute of Technology), Amr Arisha (Dublin Institute of Technology)

Past, Present, and Future of Operations Science. Zahra Seyedghorban (University of Melbourne), Daniel Samson (University of Melbourne)

PARALLEL 6.5 Service Operations and Servitization (LECRIN)

Chair: Mirjeta Beqiri (Gonzaga University)

How to Influence Privacy Risk Perceptions? – Effects of Evaluability, Privacy Awareness and Framing. Ekaterina Korneeva (RWTH Aachen University), Patrick Cichy (RWTH Aachen University), Torsten-Oliver Salge (RWTH Aachen University)

The impact of service quality on graduate student satisfaction. Mirjeta Beqiri (Gonzaga University), Gena Hoxha (Gonzaga University)

Do cultural differences influence the determinants of success in transport service outsourcing? Jose A. D.Machuca (Universidad de Sevilla), Carlos Sanchís-Pedregosa (Universidad de Sevilla), María-del-Mar González-Zamora (Universidad de Sevilla), Antonio Leal-Rodríguez (Universidad de Sevilla)

Do cultural differences and entrepreneurship influence the penetration of a hospitality service? The Airbnb case. Antonio Rodríguez-Duarte (Universidad Complutense De Madrid), Jose Ignacio Lopez-Sanchez (Universidad Complutense De Madrid), Marta Fossas-Olalla (Universidad Complutense De Madrid), Jose Fernandez-Menendez (Universidad Complutense De Madrid)

5.45-7.00 PARALLEL SESSIONS 7

PARALLEL 7.1 Supply Chain Management

(LECRIN)

Chair: José Moyano Fuentes (Universidad de Jaén)

Justice and social capital in supply chain disruption recovery: Buyer-supplier dyadic perspectives. Chang-Hun Lee (Cass Business School, City, University of London), Byung-Gak Son (Cass Business School, City, University of London), Sinead Roden (Trinity Business School, Trinity College Dublin, The University of Dublin)

How to evaluate the impact of lean supply chain strategy: a systematic literature review. Noelia García Buendía (Universidad de Jaén), José Moyano Fuentes (Universidad de Jaén), Juan Manuel Maqueira Marín (Universidad de Jaén)

How to prepare a supply network for adopting lean management determinants from the aeronautics industry. Pedro José Martínez Jurado (Centro Universitario de la Defensa de Zaragoza), José Moyano Fuentes (Universidad de Jaén)

PARALLEL 7.2 General Track & Supply Chain Management

Chair: Francisco Javier Llorens Montes (Universidad de Granada)

(LOJA)

Effects of Positive and Negative Perceptions of SAP ERP System on User Learning and Skills. Sung Shim (Seton Hall University)

Why is innovation a catalyst for organizational learning? A explanation of the curvilinear moderated relations. María Teresa Ortega Egea (Universidad de Granada), María Isabel Roldán Bravo (Universidad Politécnica de Madrid), Antonia Ruiz Moreno (Universidad de Granada), M Carmen Haro Domínguez (Universidad de Granada), Dainelis Cabeza Pullés (Universidad de Granada), Francisco Javier Llorens Montes (Universidad de Granada)

Supply Chain Risks in Operations Management: A Review of Empirical Research. Nasrin Asgari (University of Roehampton), Vahid Hipour (Azad University), Reza Zanjirani Farahan (Kingston University), Alex Hill (Kingston University)

Economic sanctions and sustainable operations: a case study of saipa (iranian automotive). Shishank Shishank (Birmingham City University), Babak Moradi (Birmingham City University), Bruce Philp (Birmingham City University)

PARALLEL 7.3 Technology and Operations Management

(ALPUJARRA)

Chair: Bertha Viviana Ruales Guzmán (Universidad Nacional de Colombia)

Information Systems-Customer Relationship Management: A competitive priorities approach. Manuel Rios de Haro (Universidad de Granada), Francisco J. Sanchez-Montesinos (Universidad de Granada), Oscar F. Bustinza (Universidad de Granada)

Analysing the impact of the POLARIS Risk Index in shipping project planning. Patrick Rigot-Muller (Maynooth University School of Business), Laurent Etienne (Tours University), Olivier

Faury (Ecole de Management de Normandie, Métis lab), Scott Stephenson (University of Connecticut)

Benchmarking CSR disclosure in the railway industry: case of Russia vs Finland. Marta Malik (Aalto University School of Business)

Application of Data Envelopment Analysis in Food Industry. Bertha Viviana Ruales Guzmán (Universidad Nacional de Colombia), Oscar Fernando Castellanos Dominguez (Universidad Nacional de Colombia), Alessandro Brun (Politecnico di Milano)

PARALLEL 7.4 Supply Chain Management

(COSTA TROPICAL)

Chair: Jacob Gwa (Swansea University)

A relational dynamic view of sustainable supply chains: Empirical evidence for supporting decision-making. Haiyan Lu (University of Plymouth), Saeyeon Roh (University of Plymouth),

International transport route selection from a total logistics cost perspective: a scenario analysis. Dong-Wook Kwak (University of Plymouth), Hee-Yong Lee (Yeungnam University), Jungbum Kim (Yeungnam University), Saeyeon Roh (University of Plymouth), Young-Joon Seo (Kyungpook National University)

Operation and supply chain of fertilizer in sub-Saharan Africa: A catalyst to Sustainable Agricultural production. Jacob Gwa (Swansea University), Rhys Williams (Swansea University), John Mulyata (Swansea University)

The organizational antecedents of a firm's supply chain agility: the role of transactive memory system. Marisel Fernández Giordano (Universidad de Granada), Leopoldo Gutiérrez Gutiérrez (Universidad de Granada), Mark Stevenson (Lancaster University), Francisco Javier Lloréns Montes (Universidad de Granada), Araceli Rojo Gallego Burín (Universidad de Granada)