

16TH EDSI

ANNUAL CONFERENCE

**HUMAN-CENTRIC
AND AI-ENABLED SUPPLY CHAINS**

PORTO
PORTUGAL

EDSI 2026

Final Program



CATÓLICA
CATÓLICA PORTO
BUSINESS SCHOOL

PORTO

EDSI
EUROPEAN DECISION SCIENCES INSTITUTE

Program schedule

Doctoral Workshop		Main Conference			
Time	Monday, June 1	Time	Tuesday, June 2	Time	Wednesday, June 3
10:00	Registration Open <i>Location: Entrance of AA Building</i>	8:00	Registration Open <i>Location: Entrance of Central Building (8:00-9:00) and Entrance of AA Building (9:30-on).</i>	8:00	Registration Open <i>Location: Entrance of AA Building</i>
11:00–13:00	Opening Session Workshop “Developing Impactful Theory” <i>Room: EP002</i>	8:30–9:30	Opening Session Keynote Speaker: Prof. Koufteros <i>Room: Auditório Carvalho Guerra</i>	8:30–10:00	Parallel Sessions VI <i>Room: EP002, EP004, Porsche Room, EAA003</i> Invited Guest Lecture: Prof. Dmitry Ivanov <i>Room: EAA004</i> Invited Guest Lecture: Prof. Bartholomew MacCarthy <i>Room: EAA002</i>
		9:30–11:00	Parallel Sessions I <i>Room: EP002, EP004, Porsche Room, EAA002</i> Meeting with the Editors <i>Room: EAA003</i>		
		11:00–11:30	Coffee Break <i>Location: Central Garden</i>	10:00–10:30	Coffee Break <i>Location: Central Garden</i>
		11:30–13:00	Parallel Sessions II <i>Room: EP002, EP004, Porsche Room, EAA002</i>	10:30–12:00	Parallel Sessions VII <i>Room: EP002, EP004, Porsche Room, EAA003</i> Special Session “Magic for Professors” by Prof. Koufteros (by registration only) <i>Room: EAA002</i>
13:00–14:00	Lunch Break <i>Location: AA Garden</i>	13:00–14:00	Lunch Break <i>Location: Central Garden</i>	12:00–13:00	Lunch Break <i>Location: Central Garden</i>
14:00–18:00	Round Tables <i>Room: EP002</i>	14:00–15:30	Parallel Sessions III <i>Room: EP002, EP004, Porsche Room, EAA002</i> Industry Panel <i>Room: EAA003</i> EDSI Board Meeting (by invitation only) <i>Room: EAA005</i>	13:00–14:30	Closing Session; Keynote Speaker: Prof. Sethi <i>Room: Auditório Carvalho Guerra</i>
		15:30–16:00	Coffee Break <i>Location: Central Garden</i>		
		16:00–17:30	Parallel Sessions IV <i>Room: EP002, EP004, Porsche Room, EAA003</i>	16:00–19:00	City Tour (by registration only) <i>Meeting Point: Praça do Infante</i>
18:00–18:30	Meet & Greet New EDSI Members <i>Room: EP002</i>	17:30–19:00	Parallel Sessions V <i>Room: EP002, EP004, Porsche Room, EAA003</i>		
18:30–20:30	Welcome Reception (Open to all registrants) <i>Location: Rooftop 3rd floor AA building</i>	19:30–23:30	Gala Dinner (WOW) <i>Bus will depart to WOW at 19:00 Dinner starts at 19:30</i>		

Main Conference Sessions

Opening Session

The opening session will feature a welcome address and an overview of the conference program, followed by a keynote presentation on Artificial Intelligence in Operations Management.

Keynote Speaker: "Artificial Intelligence & Ethics"

Artificial Intelligence and related tools are permeating every aspect of our lives. This radical innovation engenders or defines perhaps the "Fifth Industrial Revolution." At what cost to jobs, fairness, biases, privacy, security risk, accountability, and transparency? How do we manage AI-related risks? What might be some risk mitigation strategies? What might be the principles of an ethical framework for AI use?

Prof. Xenophon Koufteros | *Mays Business School, Texas A&M University*

Xenophon Koufteros is a Full Professor of Supply Chain Management at Mays Business School, Texas A&M University, where he holds the Jenna & Calvin R. Guest Professorship in Business Administration. Xen is also a Decision Sciences Institute Fellow. He served as Co-Editor-in-Chief of the Decision Sciences Journal (2020-2025) and as Director of the Supply Chain Consortium at the Mays Business School. Prof. Koufteros has published close to 60 articles in top-tier and notable refereed journals and has received multiple distinguished teaching and research awards, including the Wickham Skinner Teaching Award (POMS, 2019) and recognition as one of Poets & Quants' Top 50 Undergraduate Business Professors globally (2018). His current research focuses on sourcing decisions under ethical considerations, using behavioral and experimental methodologies. Xen is ranked in the 5th edition of the Research.com Best Business and Management Scientists Ranking and the top 2% of all scholars globally based on a lifetime citation analysis - the 2025 Elsevier-Stanford Top 2% Scientists List.

Meeting the Editors' Session

This session will be moderated by Prof. Koufteros. It brings together editors from leading Operations Management and Supply Chain journals to share insights on publishing, current research priorities, and how to strengthen manuscript submissions. A unique opportunity to engage directly with editorial leadership across the field.

- Prof. Bartholomew L. MacCarthy, International Journal of Operations and Production Management
- Prof. Carlo Giglio, Cogent Business & Management
- Prof. Carmela Di Mauro, Journal of Purchasing and Supply Chain Management
- Prof. Fabrizio Salvador, Journal of Operations Management
- Prof. José Fernando Oliveira, European Journal of Operational Research
- Prof. Pedro M. Reyes, Decision Sciences Journal of Innovative Education
- Prof. Terry Esper, Journal of Business Logistics
- Prof. Xenophon Koufteros, Decision Sciences Journal

Industry Panel: “Great Research, Limited Impact? Towards Better Knowledge Transfer in Analytics and Operations”

An industry panel on "Great Research, Limited Impact Towards Better Knowledge Transfer in Analytics and Operations", moderated by Prof. Doutora Conceição Silva, Full Professor and Associate Dean at Católica Porto Business School that will examine the persistent gap between high-quality research outputs and their practical application in organizational settings, particularly focusing on how analytics and operations research fails to translate into measurable improvements in practice.

Panellists:

- Prof. Doutor Paulo Cortez, Full Professor, Department of Information Systems, School of Engineering, University of Minho. A leading expert in machine learning, data science, and applied analytics.
- Eng. Ricardo Mesquita, Founder @ Wiseverge | Custom AI Agents & Solutions for Business. At the frontier of translating AI research into business-ready solutions.
- Dr. José Miguel Alhinho, Head of Global Operations @ James Baroud. Brings an operations practitioner's perspective on what research-based insights actually look like when implemented at scale.
- Dr. Tiago Guardão, Chief Healthspan Officer @ LongevLab. Represents the intersection of data-driven decision-making and emerging industry sectors.

Invited Guest Lectures

This session features two internationally acclaimed scholars whose work is reshaping the frontiers of supply chain management, resilience, and digital operations.

Prof. Dr. Dr. habil. Dmitry Ivanov | *Berlin School of Economics and Law (HWR Berlin)*

AI-Enabled Viable Supply Chain

Drawing on the book *The Viable Supply Chain*, this talk explores viability as a supply chain's capacity to absorb disruptions, adapt across multiple future scenarios, and maintain purpose coherence — positioning supply chains as living, adaptable organisms rather than engineered mechanisms. Prof. Ivanov will address how to architect resilience to sustain business value, how supply chain resilience connects to broader societal viability, and how digital twins and agentic AI can be deployed for resilience stress-testing, illustrated with anyLogistix supply chain simulation software.

Prof. Ivanov is Professor of Supply Chain and Operations Management at HWR Berlin, leading the Digital-AI Supply Chain Lab. A Clarivate Highly Cited Researcher (2021–2025) and #1 ranked in Operations Research in the Stanford–Elsevier 2% Top Scientists List (2022–2025), he has authored over 500 publications. His books include *The Viable Supply Chain*, *Introduction to Supply Chain Digital Twins and AI*, and *Global Supply Chain and Operations Management*.

Prof. Bartholomew (Bart) L. MacCarthy | *Nottingham University Business School, University of Nottingham*

The Digital Supply Chain Revisited: Promises, Present Realities and Future Directions

This talk critically examines three decades of digital supply chain evolution — from ERP systems and Industry 4.0 to today's AI-driven platforms — asking what has truly materialised, what has fallen short, and where the field is heading. Prof. MacCarthy identifies three trajectories for the next phase: (1) more embedded intelligence for sensing and prediction; (2) greater autonomous decision-making; and (3)

enhanced capabilities for adaptation and reconfiguration. The talk highlights persistent challenges — uneven technology adoption, cyber-security risks, and organisational barriers — and outlines critical research opportunities for OSCM scholars.

Reference: MacCarthy, B. L., & Ivanov, D. (Eds.). (2026). *The Digital Supply Chain — How Advanced Technologies, AI and Analytics are Changing Supply Chains*. 2nd Edition. Elsevier. In press.

Prof. MacCarthy is Professor of Operations Management at Nottingham University Business School, specialising in supply chain design, product variety and customization, and digital supply chains. He is co-editor (with Prof. Ivanov) of *The Digital Supply Chain* (Elsevier, 2nd edition in press, 2026) and an editor of the *International Journal of Production Research*.

Special Sessions

Special Session: "Magic for Professors" | [By registration only](#) Limited to 20 participants; places will be allocated on a first-come, first-served basis.

Prof. Xenophon Koufteros | *Mays Business School, Texas A&M University*

An exclusive, hands-on fun session by Prof. Koufteros designed specifically for faculty members or doctoral students. Drawing on decades of teaching and pedagogical innovation, this interactive session explores creative and engaging magic and mentalism techniques to elevate classroom experience.

Closing Session

Keynote Speaker: "Artificial Intelligence and Optimal Control Theory: Learning and Bounded Rationality"

Prof. Suresh P. Sethi | *Naveen Jindal School of Management, University of Texas at Dallas*

Prof. Suresh P. Sethi is Eugene McDermott Professor of Operations Management and Director of the Center for Intelligent Supply Networks at UT Dallas. He has authored 11 books and published nearly 400 research papers spanning manufacturing and operations management, finance and economics, marketing, and optimization theory. A Fellow of the Royal Society of Canada, IEEE, INFORMS, AAAS, POMS, and SIAM, he is widely recognized for his foundational contributions to optimal control theory and its applications in operations management, supply chain management, and mathematical finance. He is a Distinguished Alumnus of IIT Bombay and Carnegie Mellon University's Tepper School of Business. He served as President of POMS (2012) and received the Wickham-Skinner Best Paper Award at the World Conference on POM.

EDSI Next Year Announcement

The closing session will also feature the official announcement of the next EDSI Annual Conference, including venue, dates, and the organizing committee for the upcoming edition.

Parallel Sessions

The conference features seven blocks of parallel sessions (Tuesday, June 2nd – Wednesday, June 3rd) spanning themes including AI & Data Analytics, Digital Transformation, Supply Chain Resilience, Sustainability, Healthcare Operations, Procurement, and more. Full session details are provided in the parallel sessions program.

Parallel Session I – Tuesday, June 2nd | 09:30–11:00

S1: AI and Data Analytics in Operations (Room: EP002)

Session Chair: Alessio Trivella. Dufenco.

Abstract ID 11868: Integrated Data-Driven Decision Support in Steel Manufacturing Operations

Alessio Trivella. Dufenco.

Abstract ID 11870: The Future of Decision Support Systems in Agri-Food Supply Chains: The Role of Explainable Artificial Intelligence

Konstantina Spanaki; Femi Olan; Stella Despoudi; Wasim Ahmed. Audencia Business School, France.

Abstract ID 11901: The Nonstationary Newsvendor: Data-Driven Nonparametric Learning

Bora Keskin; Xu Min; Jingsheng Song. Duke University.

Abstract ID 11907: An AI-Supported Framework for Modeling Anchoring, Emotion, and Authenticity in Buyer-Seller Negotiations

Scott Webster; Rui Yin; Yalin Wang. Arizona State University.

Abstract ID 11993: Predictions of American Airlines Flight Departure Delays at ORD Using the CRISP-DM Methodology

Nai Biao Zhou, Jarvis College of Computing and Digital Media, DePaul University; Ilyas Ustun, Washburn University

S2: Human-Centric Operations and Workplace Innovation (Room: EP004)

Session Chair: Marianna LoZoppo, Bocconi University

Abstract ID 11874: From Motherhood Penalty to Reintegration: The Role of Organizational Decision-Making – the case of Hungary

Nikolett Szabó-Cseszneki; Petra Kinga Kézai; Márta Konczosné Szombathelyi. Széchenyi István University.

Abstract ID 11935: Real Option Valuation of Charging Infrastructure Investments under Phased Diffusion of Heavy-Duty Electric Trucks

Anton Zackrisson; Ou Tang. Linköping University.

Abstract ID 12006: Balancing Human Empowerment and Technological Intelligence: The Dual Impact of AI in Quality Improvement Teams

Sarah Jinhui Wu; Dongli Zhang. Fordham University, Gabelli School of Business.

Abstract ID 12024: A Review of Human-Centric Lot Sizing problems in the Era of Industry 5.0

EL ABBASSI Idriss; FENIES Pierre; LIBO REN; RAKIZ Asma. Paris II Panthéon-Assas University.

Abstract ID 12029: From analytical insight to organizational decision: Rethinking output governance in data-driven management.

Hermenegildo Baptista; Maria Carvalho; João N. C. Gonçalves. University of Minho.

S3: Supply Chain Resilience and Risk Management (Room: Porsche Room)

Session Chair: ALIKHANI Reza, Montpellier Business School.

Abstract ID 11956: Two-stage robust optimization for collaborative distribution network design with surging demand and facility disruptions

Majid Eskandarpour. EDHEC Business School

Abstract ID 11975: Strengthening the UK Food Supply Chain Resilience from Climate Change-Induced Disruptions

Greeshma Valayil Madhusudanan. Queen's University Belfast, Northern Ireland.

Abstract ID 11986: Product Complexity or Geography? Comparing drivers of Supply Chain disruptions

Maximilian Stout; Roger Maull; Zena Wood. University of Exeter.

Abstract ID 12070: When Capital Becomes the Bottleneck in the Innovation Supply Chain: Network Structure and Scaling Risk

Dae Min Park; Jae Hwan Lee; Yoo-Jin Han. Kwangwoon University.

Abstract ID 11964: Industry 5.0 principles: Roles and potential of digital technologies in sustainable agri-food systems

Eunice Guo; David Ernesto Salinas Navarro. University of Liverpool.

S4: Best Paper Competition (Room: EAA002)

Session Chair: Mihalios Giannakis, Audencia Business School

Abstract ID 11860: Organizational Learning and Collaboration Modes in AI-Enabled Supply Chain Planning: A Socio-Technical Framework

Hafez Shurrab; Patrik Jonsson. Ajman University.

Abstract ID 11889: Optimizing Aircraft Redelivery Cost Forecasting through Process-Oriented Analytics: An Action Research Study

Natalia Rios Hurtado; Flávio Costa Romão. ISEG Lisbon School of Economics & Management.

Abstract ID 11915: Beyond Transparency: Governing Work to Achieve Efficiency and Effectiveness under Industry 4.0

Kent Adsbøll Wickstrøm; Jan Stentoft; Anders Haug; Jesper Piihl. University of Southern Denmark.

Abstract ID 11947: The AI decentralization paradox: A survey of manufacturing SMEs

Anders Haug; Kent Adsbøll Wickstrøm; Jan Stentoft; Jesper Piihl. University of Southern Denmark.

Abstract ID 11925: Flood Risk Modeling of Public Transit Systems using Convolutional Neural Networks

Mubarak Iddrisu; Davood Golmohammadi. University of Massachusetts Boston.

Parallel Sessions II – Tuesday, June 2nd | 11:30–13:00

S5: AI and Data Analytics in Operations (Room: EP002)

Session Chair: Thierry Fouque, Paris Nanterre University.

Abstract ID 12034: A Human–AI Protocol for Systematic Literature Reviews: Development and Application to the SLAP Literature

El aakil el fakih Jamal eddine; Fouque Thierry; Moreira Trindade Maria Alice; Rakiz Asma. Paris Nanterre University.

Abstract ID 12041: A Study of Regional SME Progress Toward Supply Chain AI Adoption

Abbas Foroughi. University of Southern Indiana.

Abstract ID 12042: Mapping Heterogeneous Supply Chain Risk from Corporate Disclosures: A Machine Learning and Biplot-Based Analytics Framework

Jae Hwan Lee; Jacob Pfeifer; Colin Ciarfella. Rollins College.

Abstract ID 12044: AI Assisted Marketing Campaign Budgeting: Airline Application

Farshid Azadian; Aqi Dong. Embry Riddle Aeronautical University.

Abstract ID 12061: An Exploration of How Entrepreneurial Personality and Social Context Determine AI Acceptance in Family Firms

Vallari Chandna; Kanishka Mendhekar; Anup Nair. Maynooth University.

S6: Operations Strategy and Performance (Room: EP004)

Session Chair: Parisa Aasi, Texas A&M University

Abstract ID 11847: Can Data-Driven Decision-Making Weaken Cross-Functional Coordination? Limits of Business Analytical Capability.

Ashish Prasad; Vivek Roy; Jayanth Jayaram. Indian Institute of Management Kashipur.

Abstract ID 11872: Managerial Perspectives on AI Training and Transformation: Enabling Finance and Accounting Professionals

AHMAD Jumah. University of Illinois Springfield.

Abstract ID 11898: Assessing Product Availability Through Demand Forecasting in the Retail Industry

Cansu Tahaoglu; Adnan Corum. Migros Trade Inc..

Abstract ID 11949: Governance Alignment for Reliable Supply Chain Execution

Catalin Dinulescu. Tarleton State University.

Abstract ID IDD0014: Supply chain planning: A case for Hybrid Cross-Docks

Manoj Vanajakumari. University of North Carolina Wilmington.

S7: Supply Chain Resilience and Risk Management (Room: Porsche Room)

Session Chair: Reza Alikhani, MBS School of Business.

Abstract ID 11961: Navigating Last-Mile Disruption: Balancing Logistical Value Drivers with Operational Resilience in Developing Economies (ONLINE)

Shikha Aggarwal Aggarwal

Abstract ID 11966: Performance evaluation of concurrent supply chain resilience strategies

Reza Alikhani; Amirhossein Ranjbar; S. Ali Torabi; Christopher Zobel. MBS School of Business.

Abstract ID 11967: Operational Efficiency Through Network Design: Insights from Big Pharma

Penina Orenstein; Rongrong Zhang. Seton Hall University.

Abstract ID 11923: From Data Streams to Network Insight: A Visual Analytics Approach to Supply Chain Mapping

Penina Orenstein. Seton Hall University.

Abstract ID 12068: Toward Friction Aware Security: Balancing Protection and Usability in the Workplace

Sahar Farshadkhah; Craig Van Slyke. University of Illinois Springfield.

S9: Best Paper Competition (Room: EAA002)

Session Chair: Mihalis Giannakis, Audencia Business School

Abstract ID 11934: Leveraging Advanced Digital Technologies for sustainability: the mediating role of Circular Economy practices

Margherita Molinaro; Giovanna Culot; Guido Orzes; Marco Sartor. Free University of Bozen-Bolzano.

Abstract ID 11945: Implementing decision models' optimal solution in supply chain management: The challenges of economic evaluation

Frederic GAUTIER; Vincent GIARD; Najat BARA. IAE Paris Sorbonne.

Abstract ID 12009: Decarbonization as an operational capability: trade-offs and complementarities within firms

gabriele mauro. Solvay Brussels School.

Abstract ID 12023: Speeding Innovation in Coopetition: The Role of Spatial Ambidexterity, Knowledge Maturity, and Knowledge Diversity

Rajat Latt; Chandrasekararao Seepana; Phuong Tran; Palie Smart. University of Bristol, UK.

Abstract ID 12025: Quick Commerce: Definitions and Typology

Bart L. MacCarthy; Tuyue Li. University of Nottingham.

Parallel Sessions III – Tuesday, June 2nd | 14:00–15:30

S10: Digital Transformation, Sustainability and Industry 5.0 (Room: EP002)

Session Chair: Francesco Bellieni, Bocconi University.

Abstract ID 11899: Marketing-IT Alignment Facilitates Digital Transformation

Zameer Baber. IE Business School.

Abstract ID 11929: Sustainable Balanced Scorecard for Industry 5.0 Supply Chains: A Conceptual Framework

Bhavya Pande; Aditi Joshi. FLAME University.

Abstract ID 11942: AI Literacy and Career Readiness: Preparing Public University Students for the Future of Work

Ngoc Cindy Pham; Jason Lin; Ruhshona Sayfiddinova; Damir Shavkatov; Huan Henry Pham. CUNY - Brooklyn College.

Abstract ID 11957: Digital Governance in Sustainable Supply Chains: Insights from Blockchain and Emerging AI Implications

Abbas Batwa. Lund University.

Abstract ID 12026: Analyzing Decarbonization Measures Implementation Using Sustainability Reports: Insights from Portuguese Companies

Andre Fadiga; João Bigotte; Luis Ferreira. University of Coimbra

S11: Operations Strategy and Performance (Room: EP004)

Session Chair: Parisa Aasi, Texas A&M University

Abstract ID 11951: From Fragmentation to Integration: A Multi-Tier Supply Chain Model for Synchronized Decision-Making

Zubair Mohamed. Bowling Green State University.

Abstract ID 11962: AI, Structural Cost Disease, & Human-Centric Supply Chains. Rethinking Productivity in Labour-Intensive Network Segments

Sabine Baumann. Hochschule für Wirtschaft und Recht (HWR) Berlin.

Abstract ID 11976: Interactions of International IT factors, OM factors, and OM Policies on Supplier's Performance

ALI ARDALAN; Roya Ardalan. Old Dominion University.

Abstract ID 12030: An analysis of relationships between quality and globalization and their interactions

Cem Canel; Sidhartha Das. UNC Wilmington.

Abstract ID 12032: An Analysis of Project Performance based on Project Management Capability

Sidhartha Das; Cem Canel. George Mason University.

S12: Supply Chain Resilience and Risk Management (Room: Porsche Room)

Session Chair: Valerie Isaak; Romy Weiss. University of Haifa.

Abstract ID 11990: The impact of AI in adoption on supply chains: preliminary evidence from a multi-industry perspective

Yan Cimon. CIRRELT - Université Laval.

Abstract ID 12031: Construction of a MCDA for Intelligent Supply Chains

Chu-Lun Hsieh. National Taichung University of Science and Technology.

Abstract ID 12035: Unlocking the Challenges of Local Sourcing in Food Retail: A Paradox Theory Perspective

Nunzia Zecchillo; Guido Orzes; Margherita Molinaro. Free University of Bozen-Bolzano.

Abstract ID 11853: Optimization of Hybrid Appointment Systems with Virtual Visits

Ozgur Araz; Ibrahim Capar; Ali Dogru; Emirhan Uzunlar. University of Nebraska-Lincoln.

Abstract ID 12047: Multi-Tier Governance and the Economics of Ethical Compliance: Evidence from Live Animal Transportation

Hande Nuran Pamukcu; Sinem Tokcaer. Izmir University of Economics.

S13: Best Paper Competition (Room: EAA002)

Session Chair: Mihalis Giannakis, Audencia Business School

Abstract ID 11887: Unpacking the Effect of Admission Wait Time on Substance Use Disorder Treatment Completion: A Mediation Analysis

Davood Golmohammadi. UMass Boston.

Abstract ID 11900: Towards Humanization of Care: a bibliometric systematic literature review

Antea Monte; Elisabetta Ocello; Matteo Podrecca; Marco Sartor; Massimo Robiony. University of Udine.

Abstract ID 12055: Hybrid Governance and Sustainability in Turkey's Hazelnut Sector

Misra Tas; Verónica León-Bravo; Federico Caniato. Politecnico di Milano, Milano, Italy.

Abstract ID 12059: Early Task Initialisation in Emergency Departments: System-Level Effects on Time to Doctor and Length of Stay

Marco Berdini; Davide Aloini; Elisabetta Benevento; Niels Martin; Alessandro Stefanini. Università di Pisa.

Abstract ID 12063: Beyond the Black Box: Socioeconomic determinants of unit-level efficiency in healthcare service supply networks

Ginevra Giuliani; Simone Gitto; Diogo Cunha Ferreira; Guilherme P. Afonso. University of Siena.

Parallel Sessions IV – Tuesday, June 2nd | 16:00–17:30

S14: Digital Transformation and Industry 5.0 (Room: EP002)

Session Chair: João Nuno Gonçalves, Católica Porto Business School

Abstract ID 12014: Blockchain in additive manufacturing supply chains: unravelling the adoption barriers

Maher Agi. Rennes School of Business.

Abstract ID 12040: Blockchain technology in the supply chains: An assessment from affordances and constraints perspective

Md Rokonzaman; Trevor Clohessy; Graham Heaslip; Sandy Schumann; George Onofrei. Atlantic Technological University.

Abstract ID 12049: Industry 4.0 and sustainability performance, the mediating role of supply chain visibility and collaboration

Hamza Pervez. Lappeenranta-Lahti University of Technology LUT.

Abstract ID 12064: Digitalization as a strategic enabler for operational resilience of SMEs: A cross-technological assessment

Diletta Toso; Ricardo Zimmermann; Gustavo Dalmarco; Ariane Ávila; Rosanna Fornasiero. National Research Council of Italy - CNR.

S15: Human-Centric Operations and Workplace Innovation (Room: EP004)

Session Chair: Francesco Bellieni, Bocconi University.

Abstract ID 11881: To leave or to stay? The role of internal corporate communication in workforce decision

Márta Konczos Szombathelyi; Ágnes Veto; Gábor Balogh; Gábor Borgulya. Széchenyi István University, Hungary.

Abstract ID 11958: AI Literacy and Career Readiness: Lessons from NYU and CUNY Classrooms

Ngoc Cindy Pham; Shizhu Liu; Nishant Vajpai. CUNY - Brooklyn College.

Abstract ID 11984: A Closer Look at Bottom-up Innovation: An Intervention-based Study in the Auditing Industry

Fabrizio Salvador. IE University.

Abstract ID 12015: Socially Responsible Pricing

Jing Peng. University of Science and Technology of China.

Abstract ID 12039: Living Innovation Systems with Autosapient Agentic AI

Silvana Trimi Trimi. University of Nebraska - Lincoln.

S16: Procurement and Supplier Management (Room: Porsche Room)

Session Chair: Ala Arvidsson, Chalmers University of Technology

Abstract ID 11877: Artificial Intelligence in Public Procurement: A Public Value Perspective on Adoption

Giovanna Culot; Andrea Patrucco; Matteo Podrecca; Guido Nassimbeni. University of Udine.

Abstract ID 11905: Trust dynamics in AI-driven supplier relationship management

Ala Arvidsson. Chalmers tekniska högskola.

Abstract ID 11932: Does participation in innovative public procurement generate an enduring legacy for public organizations?

Alessandro Francesco Sinatra; Alessandro Ancarani; Carmela Di mauro. University of Catania.

Abstract ID 11980: The Future of Procurement Between Augmentation and Autonomization: Evidence from a Two-Round Delphi Study

Johannes Dirnberger-Wild; Martin Tschandl; Guido Nassimbeni. Institute of Industrial Management, University of Applied Sciences JOANNEUM.

Abstract ID AA000: A Robust Nonlinear Parametric Approach to Selecting the Optimum Valuation Metric in Equity Research

Manuel G. Russon, Ph.D., CFA, Tobin College of Business

S17: Sustainability and Circular Operations (Room: EAA003)

Session Chair: Nunzia Zecchillo, Free University of Bozen-Bolzano.

Abstract ID 11893: Scaling up circularity in complex supply chains

Lisa Govik; Sofia Lingegård; Ala Arvidsson. Chalmers University of Technology.

Abstract ID 11971: Platform-Based Sustainable Business Models at Inflection Points in Nascent Circular Ecosystems

Tjark-Marvin Goellner. Berlin School of Economics and Law.

Abstract ID 12019: Digital technologies, sustainability practices and performance: a fuzzy-set Qualitative Comparative Analysis

Nunzia Zecchillo; Margherita Molinaro; Guido Orzes. Free University of Bozen-Bolzano.

Abstract ID 12038: Bridging Intention and Action for Good: Accountability, Literacy and Purchase Utility in Sustainable Fashion Consumption

Adanna Ohaegbulam; Misty Blessley. Temple.

Abstract ID 11919: When Scope 3 Counts: Conditions for Market Valuation in Carbon Neutrality

Gabriele Mauro; Evelyne Vanpoucke. Solvay Brussels School.

Parallel Sessions V – Tuesday, June 2nd | 17:30–19:00

S18: Education and Pedagogy in Operations Management (Room: EP002)

Session Chair: João Nuno Gonçalves, Católica Porto Business School

Abstract ID 11857: Reflections on AI impact on the Environment and Usage in the Classroom

Gioconda Quesada; Marvin E. Gonzalez. College of Charleston.

Abstract ID 11910: Discipline-Specific AI Literacy Profiles in Undergraduate Education

Xiaofeng Chen; Jiexun Li. Western Washington University.

Abstract ID 11950: Teaching Supply Chain Risk Management in an Era of Volatility

Catalin Dinulescu. Tarleton State University.

Abstract ID 12002: Bringing product lifecycle management to supply chain students: Experiential activities to drive deep learning

Barry Brewer Brewer. Brigham Young University.

S19: Procurement and Supplier Management (Room: EP004)

Session Chair: Zubair Mohamed. Bowling Green State University.

Abstract ID 11867: Modeling Cooperative Procurement and Distribution Systems for Small and Medium-Sized Enterprise Performance

Seckin OZKUL. University of South Florida.

Abstract ID 11924: Measuring Supplier Delivery Performance Using Survival Analysis

Seong-Jong Joo; Mark Jacobs; Kunpeng Li. Air Force Institute of Technology.

Abstract ID 11946: The Opportunity Costs and Benefits of Global Sourcing vs. Indigenous Source Development

Zubair Mohamed. Bowling Green State University.

Abstract ID 12018: Information Design in Supply Chains with Priority Suppliers

Rufat Ismayilov, ESMT Berlin; Huseyin Gurkan, ESMT Berlin; Ozan Candogan, Chicago Booth

Abstract ID 11906: Designing self-collection networks in city logistics: a multi-operator parcel locker location model

Giuseppe Bruno; Antonio Diglio; Carmela Piccolo; Eduardo Pipicelli. University of Naples Federico II.

S20: Supply Chain Resilience and Risk Management (Room: Porsche Room)

Session Chair: Valerie Isaak; Romy Weiss. University of Haifa.

Abstract ID 11892: Drivers of Organisational Resilience: Ambidexterity vs. Green Transition.

Monika Kaminska; Krzysztof Zowada. University of Economics in Katowice.

Abstract ID 11937: Predicting COVID-19 Treatments: The Role of Supply Chain Interconnectedness and Personalization Capability

Marouen Ben-Jebara. University of South Carolina Aiken.

Abstract ID 12036: Predictive Analytics for the Price Evolution of Burgundy Fine Wines

Burak Kazaz; Scott Webster; Haoran Yu. Syracuse University.

Abstract ID 11970: A Scalable Multi-Layer Optimization Framework for Crowdsourced Delivery under Spatially Sparse Demand

Mina Kim; Wei-Hua Lin. University of Arizona.

Parallel Sessions VI – Wednesday, June 3rd | 08:30–10:00

S21: Healthcare and Service Operations (Room: EP002)

Session Chair: Alessandro Ancarani. Università di Catania.

Abstract ID 11916: Optimizing Rehabilitation Platforms: A Hybrid Lean-Simulation Framework for Complex Systems

Pflughaupt Garance; Fouque Thierry. Université Paris Nanterre.

Abstract ID 11928: Why Are Customers Averse to Service Chatbots?

Evgeny Kagan; Maqbool Dada; Brett Hathaway. Johns Hopkins University.

Abstract ID 11994: Resource Orchestration for Community Healthcare: Building and Bundling Organizational Capabilities

Alessandro Ancarani; Carmela Di Mauro; Simone Gitto; Ginevra Giuliani. Università di Catania.

Abstract ID 11885: Service Quality as Competitive Advantage in Physical Bookstores: Distinguishing Service Qualifiers and Winners in an Omni-channel World

Drew Rosen; Rebecca Scott. University of North Carolina Wilmington.

S22: Supply Chain Resilience and Risk Management (Room: EP004)

Session Chair: Yann Ferrand; Lawrence Fredendall. Augusta University.

Abstract ID 11858: Coping with Geopolitical Risks in NEV Global Semiconductor Supply Chains

Minzhen Hou; Fengfeng Xie; Zujun Ma; Chandra Irawan. University of Nottingham Ningbo China.

Abstract ID 11865: Balancing Sustainability and Resilience in Food Supply Chains: Evidence from Stakeholder Interviews in Finland

Ghazale Kordi; Jari Salo. University of Helsinki.

Abstract ID 11866: Natural disaster and firm performance: A multi-tier supply chain perspective

Jingcong Xu; Min Zhang; Hangfei Guo. Queen's University Belfast.

Abstract ID 11869: Restatements Followed by CEO and Auditor Dismissals: Effects on Lending Decisions

Arnold Schneider. Georgia Institute of Technology.

Abstract ID 12062: A Design-Science Approach to Linking Open Crisis and Earth-Observation Data with Hybrid Humanitarian Simulation

Paul Liston; James Byrne. Technological University of the Shannon.

S23: Supply Chain Resilience and Risk Management (Room: Porsche Room)

Session Chair: Carlo Giglio, University of Calabria.

Abstract ID 12028: A Two-Layer Risk Management Framework for Resilient and Efficient Humanitarian Supply Chains

Yu Amy Xia; Vahid Tarokh. The College of William and Mary.

Abstract ID 12057: US-Mexico Nearshoring Decisions under Trade-War Uncertainty in Manufacturing Supply Chains

Gonzalo Franco Salido; Oliverio Cruz Mejía. Universidad Nacional Autónoma de México.

Abstract ID 12069: Investigating the Drivers of Superior Supply Chain Performance in Non-WEIRD Societies

Carlo Giglio; Devid Jegerson. University of Calabria.

Abstract ID 11965: Harmonizing profit and purpose: The role of social actors in legitimizing sustainability performance measurement system

Meer ABHAURRAHMAN. Paris Nanterre.

Abstract ID 11960: Resilience in situ: Toward a situational theory of supply chain robustness, adaptability, and antifragility

Sara Hajmohammad; Hadi Chapardar. University of Ottawa.

S24: Sustainability and Circular Operations (Room: EAA003)

Session Chair: Hossein Rikhtehgar Berenji, Pacific University.

Abstract ID 11886: Understanding the Drivers and Decision-Making Behind Environmental, Social, and Governance Reporting Practices

Hossein Rikhtehgar Berenji; Julie Nelsen. Pacific University.

Abstract ID 11891: Supply Chain Collaboration for Renewable Energy Transition, Environmentally Friendly Product Design, and Lean Production

Jayanth Jayaram; Mohammed Belal Uddin; Sidhartha Das. University of North Carolina.

Abstract ID 11913: Climate Disclosure as an Intent Signal: TCFD Conformity, ESG Rankings, and Large Language Model Evidence

Ahmad Jumah; Abdullah Albizri. University of Illinois Springfield.

Abstract ID 11926: Drivers of Ecotourism Travel: Examining Norms, Attitudes, and Knowledge in Sustainable Travel Destination Decisions

ChangSeob Yeo; Sarah Lee; Vafa Saboori-Deilami. Dominican University of California.

Abstract ID 12046: Systemic Drivers of Food Losses in the Supply Chain across Diverse Food Product Categories in India

Lovish Raheja; Pankaj Dutta; Ananya Bhattacharya. IITB-Monash Research Academy.

Parallel Sessions VII – Wednesday, June 3rd | 10:30–12:00

S25: Healthcare and Service Operations (Room: EP002)

Session Chair: Yann Ferrand; Lawrence Fredendall. Augusta University.

Abstract ID 11895: CarePath: A Multi-Modal Machine Learning Framework for Predicting and Managing Emergency Department Utilization

Vatsa Patel; Dinesh Pai. School of Science, Engineering, and Technology, Penn State Harrisburg.

Abstract ID 11904: Risk Aware Stochastic Inventory Routing Problem with Flow-based Demand Modelling for Liquid Medical Oxygen

Rohit Sindhvani; Jayanth Jayaram. MDI Gurgaon, India.

Abstract ID 12011: A Theoretical Approach for Lean Healthcare Operations and Process Flow

Yann Ferrand; Lawrence Fredendall. Augusta University.

Abstract ID 12067: A Cooperative Game-Theoretic Approach to Collaborative Logistics Networks: An Application to the Two-Wheel Sector

Ana Isabel Bento; Carla Cruz; Luís Miguel Ferreira; Gabriela Fernandes; Ana Nobre Maia; Luís Marques. University of Coimbra.

Abstract ID 11927: Personal Productivity Bias: Physician Batching and Patient Delays

Brett Hathaway; Evgeny Kagan; John Jones. Brigham Young University.

S26: Supply Chain Resilience and Risk Management (Room: EP004)

Session Chair: Valerie Isaak; Romy Weiss. University of Haifa.

Abstract ID 11854: Integrating Data Analytics and Risk Management for Effective Decision-Making During Organizational Crises

Valerie Isaak; Romy Weiss. university of Haifa.

Abstract ID 11864: AI-Enabled Agility for Ethnic SMEs Under Supply Chain Disruptions

Sue Abdinnour. Wichita State University.

Abstract ID 11897: What do we know about entering markets? A systematic review of foreign market entry strategies in multinational food firms

Czupy Barbara. Széchenyi István University.

Abstract ID 11911: Coordinating Tier-1 inventory under external mandates in automotive electronics supply chain

Dawid Pasternsk; Patrik Jonsson. Chalmers University.

Abstract ID 11883: Towards Development of Full Supply Network Maps: An Organisation Level Perspective

Prakash Singh. University of Melbourne.

S27: Sustainability and Circular Operations (Room: Porsche Room)

Session Chair: Margherita Molinaro, Free University of Bozen-Bolzano.

Abstract ID 11908: Governing circularity in supply chains through internal interfaces

Mandana Emad; Ala Arvidsson; Henrik Agndal; Lisa Govik. Chalmers University of Technology.

Abstract ID 11933: Exploring the relationship between Supply Chain Complexity and Scope 3 emissions

Margherita Molinaro; Christine Mucha. Free University of Bozen-Bolzano.

Abstract ID 11938: A system dynamics view of wind power in the Swedish electricity market

Jakob Rehme; Ou Tang. Linköping University.

Abstract ID 11977: Perceived Climate Related Operational Risks and Greenwashing

Kang Hsu. Florida Gulf Coast University.

Abstract ID 11955: Proximity, Control, and Economic Models in Renewable Energy Communities: A Comparative Analysis of Italy and France

Simone Gitto; Daniela Pappadà; Salvatore Sabatino. University of Siena.