

**Friday, May 24<sup>th</sup> 2024**  
**Conference and Cultural Center – EKAVI**  
**Katerini, Greece**

We are thrilled to announce the conference program!

- Registered participants can attend the conference to present their outstanding work in accordance to the following order.
- Registered participants who cannot attend the conference can present their work remotely using the following Zoom Link: <https://zoom.us/j/93362104705> (make sure that you connect some minutes earlier to make sure audio and video works smoothly).

<b>09:00-09:30</b>		<b>Registration</b>
<b>09:30-11:30</b>		<b>1<sup>st</sup> Session: Supply chain embraces Industry 4.0 technologies (Chair: Naoum Tsolakis)</b>
	<b>Adamos Daios, Ioannis Kostavelis</b>	<i>Industry 4.0 technologies in distribution centers: A Survey</i>
	<b>P R Sonawane, Ashish Vardhan, Vaishnavi, Aditya Parasar, Rohit Naidu</b>	<i>Concise review on medical supply chain using distributed systems</i>
	<b>Mavidis Aristotelis, Folinias Dimitrios, Skiadas Dimitrios</b>	<i>Charting the Future of Public Procurement: Insights from the First Round of a Delphi Study on Emerging Technologies in the EU Context</i>
	<b>Asimina Dimara; Alexios Papaioannou; Stelios Krinidis; Christos-Nikolaos Anagnostopoulos</b>	<i>Modeling and Optimization of Processes in a Mixed-Use Harbor</i>
	<b>Nikolaos Kladovasilikis; Paschalis Charalampous; Athanasios Panagiotis Pelekoudas; Ioannis Kostavelis</b>	<i>BladeWorks: A Novel Manufacturing-as-a-Service Platform for Development of Customized Knife Blades</i>
	<b>Georgios Gelastopoulos; Christos Keramydas; Naoum Tsolakis</b>	<i>Text Mining in Supply Chain Risk Management: A Bibliometric Analysis</i>
	<b>Dimitra Tzanetou; Stavros Ponis; Theodoros-Nikolaos Maroutas; Plakas George</b>	<i>Blockchain-Enabled Green Supply Chain Management: Innovating Agricultural Plastic Waste Recovery and Reverse Logistics</i>
	<b>Konstantinos P Rotsios; Aristotelis Mavidis; Dimitrios Folinias; Thomas Fotiadis</b>	<i>Evaluating Trends and Identifying Research Gaps: A Thematic and Evolutionary Bibliometric Analysis of Deposit Refund Systems (1938-2024)</i>
<b>11:30-11:45</b>		<b>Coffee break</b>
<b>11:45-12:15</b>	<b>Keynote speaker:</b>	<b><u>Dr. Dimitrios Giakoumis,</u></b> <i>“Service robots in logistics; from warehouse through to transport and retail operations automation”</i> Centre for Research and Technology Hellas, Researcher Grade B’
<b>12:15-13:45</b>		<b>2<sup>nd</sup> Session: LCA, and Circular Economy Practices in Supply Chain (Chair: Ioannis Mallidis)</b>
	<b>Christodoulos Savva, Christos Vlachokostas, Christos Mertzanakis, Alexandra Michailidou, Athanasios Kalaitzidis, Christos Koidis, Athanasios Bantsos</b>	<i>Life Cycle Assessment towards efficient and eco-friendly supply chain management in the agrifood sector</i>
	<b>Christos Koidis; Athanasios Kalaitzidis; Athanasios Bantsos; Irodotos Aptalidis; Charisios Achilles, Dimitrios Aidonis</b>	<i>Advancing Circularity through Digital Transformation: Harnessing Life Cycle Assessment and Other Key Tools within the eMT Cluster</i>
	<b>Stavros Ponis; Eleni Aretoulaki, George Plakas; Dimitra Tzanetou; Antonis Kitsantas</b>	<i>Assessing and Mitigating Plastic Pollution in Greek Beaches: Insights from the GOLDEN SEAL Research Project</i>



<b>Sotirios Pemas, Nikolaos Kladovasilakis, Eleftheria Maria Pechlivani, Ioannis Natsios, Lazaros Melidis, Alexandros Chortis, Avraam A Konstantinidis, Konstantinos Katakalos, Dimitrios Tzetzis, Dimitrios Tzouvaras, Eleftherios Anastasiou</b>	<i>Utilizing LDPE as a Second Life of Waste Plastic through Pellet Extruder 3D Printing</i>
<b>Nikolaos Kladovasilakis, Ioannis Natsios; Eleftheria Maria Pechlivani, Dimitrios Tzetzis, Dimitrios Tzouvaras</b>	<i>Valorizing Automotive Tire Waste via Additive Manufacturing Technologies</i>
<b>Dimitrios Folinias, Sofia Mavridou, Aristotelis Mavidis</b>	<i>Bibliometric analysis of possibilities, legal and technical prerequisites for establishing and operating an international logistics center</i>

**13:45-14:30 Lunch Break**

**14:30-16:30 3<sup>rd</sup> Session: AI, Robotics and Simulation Approaches in Supply Chain (Chair: Ioannis Kostavelis)**

<b>Argyrios Dimou, Marios Kiatos, Sotiris Malassiotis</b>	<i>Robotic depalletizing via reinforcement learning of a pushing policy</i>
<b>Vasileios Pappas, Nicoleta Xafi, Georgios Tzimas, Dimitrios Folinias</b>	<i>A Simulation Study Of Warehouse Loading And Unloading Systems Using Arena</i>
<b>Anastasia Karamanli, Alexandros Xanthopoulos, Ioannis Kansizoglou, Antonios Gasteratos, Dimitrios Koulouriotis,</b>	<i>Simulation modelling of dynamic production scheduling on parallel machines with sequence- independent setups</i>
<b>Dimitra Zotou, Stefanos Papadam, Andreas Kargakos, Ioannis Kostavelis, Maria Bliantidou, Dimitrios Giakoumis</b>	<i>iWMS: A Warehouse Management System for a goods-to-person warehouse automation</i>
<b>Petros Toupas, Georgios Tsamis, Dimitra Zotou, Dimitrios Giakoumis</b>	<i>Harnessing IoT and Robotics for Comprehensive Human Activity Recognition in Smart Buildings</i>
<b>Konstantinos A. Tsintotas, Stavros N Moutsis, Ioannis Kansizoglou, Fotios Konstantinidis, Antonios Gasteratos</b>	<i>The Advent of AI in Modern Supply Chain</i>
<b>Junru Ren; Jing Wu, Ole Ravn, Lazaros Nalpantidis</b>	<i>Safer Human-Robot Collaborative Environments Through in-simulation Risk Estimation and Function-Centric Hazard Analysis</i>
<b>Zornitsa Yordanova</b>	<i>Role of Artificial Intelligence in Facilitating Open Innovation in VAT Management</i>

**16:30-16:45 Coffee break**

**16:45-18:00 4<sup>th</sup> Session: Applications of IoT, Data Analytics and Decision Making methods (Chair: Dimitrios Folinias)**

<b>Asimina Dimara, Alexios Papaioannou, Christoforos Papaioannou, Stelios Krinidis, Christos-Nikolaos Anagnostopoulos</b>	<i>An Intelligent IoT Framework for Real-Time Energy-Efficient Smart Building Management</i>
<b>Zornitsa Yordanova</b>	<i>Supporting digitalization of ERP (SAP) value-added tax management through Data Analytics tools</i>
<b>Anestis Siakkas</b>	<i>Investigating the application of blockchain in the wine supply chain, A Greek case study</i>
<b>Orestis Efthymiou, Stavros Ponis</b>	<i>Decision Making in the Intelligent Distribution Centers of the Industry 4.0 Era: A Structural Approach</i>
<b>Dimitrios Folinias, Sofia Mavridou, Afroditi Fragkaki</b>	<i>Starting Logistics Centers: An In-depth Analysis of the Greek Legal and Regulatory Framework</i>

**18:00-19:00 1<sup>st</sup> Workshop “Research findings on procurement management in Greece”**  
Dimitrios Folinias, Antonios Mademlis, Aristotelis Mavidis, Efthimios Spiridopoulos

**19:00-19:30 Conference Opening and Remarks**



19:30-20:00 Keynote speaker: Dr. Lazaros Nalpantidis,  
“Autonomous Robotics in Agriculture: Digitalizing Agricultural Production”  
Technical University of Denmark, Professor

20:00 Main Conference Dinner

All 1<sup>st</sup> Day Poster Session (Chair: Melina Chatziantoniou)

<b>Panagiotis Tsarouhas, Kyriaki Anthopoulos</b>	<i>Investigating consumers and growers views on edible olive quality assurance: a case study</i>
<b>Soumela E Chatziantoniou , Panayotis Karayannakidis, Voulgarakis Nikolaos, Dimitrios Triantafyllou, Ioannis Kostavelis, Nikolaos Kladovasilakis</b>	<i>Plastic films with the addition of silver(I) complex as active packaging films aimed for food preservation</i>
<b>Vasiliki Balaska, Symeon Symeonidis, Sarantis Antoniou, Thomas Fotiadis, Prodromos Chatzoglou, Antonios Gasteratos</b>	<i>Digitalizing the Supply Chain for Enhanced Efficiency and Customer Satisfaction</i>
<b>Miltiadis Nikolaou, Charisios Achilles</b>	<i>Sustainability indicators for tourism destinations</i>
<b>Anastasia Karamanli; Alexandros Xanthopoulos; Antonios Gasteratos, Dimitrios Koulouriotis</b>	<i>Manufacturing-as-a-Service: A systematic review of the literature</i>
<b>Konstantinos Spanos , Konstantinos Zapounidis, Iliana Galiagousi, Dimitrios Aidonis</b>	<i>Quantification of cherry production impact with the use of Life Cycle Assessment methodology</i>

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**Saturday, May 25<sup>th</sup> 2024**  
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<b>09:30-11:00</b> 5 <sup>th</sup> Session: Humanitarian logistics- Tourism and Accessibility (Chair: Dimitrios Triantafyllou)		
	<b>Nikolaos Papaevangelou, Panagiotis Tsarouhas</b>	<i>Organizational culture: the hidden competitive advantage and the key to innovation for Greek logistics</i>
	<b>Charisios Achilles, Dimitrios Aidonis, Dimitrios Folinis, Ioannis Kostavelis, Naoum Tsolakis, Dimitrios, J. Triantafyllou, Vasilis Dimou</b>	<i>Digital Platform for Strengthening Accessibility of Tourist Destinations in the Pieria Region</i>
	<b>Konstantinos Zapounidis, Christos Koidis, Nikolaos Sakkos, Athanasios Bantsos, Irodotos Aptalidis, Dimitrios Aidonis, Charisios Achilles</b>	<i>OpenStreetMap-based Mapping Tool to support TREEADS Holistic Fire Management Ecosystem for Prevention, Detection and Restoration of Environmental Disasters</i>
	<b>Thanh An Le, Viet Hung Vo</b>	<i>Tourists' intention to revisit world cultural heritage sites: An evidence from Hue City, Vietnam</i>
	<b>Eleni Aretoulaki, Stavros Ponis, George Plakas, Dimitra Tzanetou, Antonis Kitsantas</b>	<i>Architecting Resilience: Digital Innovations in Humanitarian Logistics for Disaster-Ready Networks</i>
	<b>Eleni Aretoulaki, Stavros Ponis, George Plakas, Dimitra Tzanetou, Antonis Kitsantas</b>	<i>From Theory to Practice: Digital Innovations in Humanitarian Logistics for Real-World Disaster Management</i>
<b>11:00-11:15</b> Coffee break		
<b>11:15-12:15</b>	<b>2<sup>nd</sup> Workshop</b>	<b><i>"City Logistics"</i></b> <b>Charisios Achilles, Dimitrios Tsitsamis, Naoum Tsolakis, Emmanouil Vlachogiannis</b>
<b>12:15-13:45</b> 6 <sup>th</sup> Socio-Economic framework, standards and novel practices in Logistics (Chair: Naoum Tsolakis)		
	<b>Eirini Tserga, Naoum Tsolakis, Dimitrios Aidonis, Charisios Achilles</b>	<i>Unveiling Blind Spots in Container Port Operations</i>
	<b>Margarita Zarogianni, Costas Assimakopoulos</b>	<i>Studying the Bayer Abusive Behavior towards Track Owners</i>
	<b>Theophilus Faruna, Nelson Ekeh, Victor Obianeri, Emmanuel Omolara, Dimitrios Folinis</b>	<i>Using the National Integrated Specimen Referral Net-work as a vehicle to reach the 3rd 95 in Nigeria in FY22</i>
	<b>Georgios D Koligiannis, Maria Drakaki, Panagiotis Tzionas</b>	<i>Challenges for public procurement officers during the bidding process</i>
	<b>Minas Malliaros</b>	<i>Strategies for Seamless Integration and Management in the Digital era</i>
	<b>Dimitrios Mylonas, Dimitrios Folinis, Zafeiro Fragkaki</b>	<i>Revolutionizing Secondary Vocational Education: Advancements in Supply Chain Management Curriculum Design and Learning Goals</i>
<b>13:45-14:30</b> Lunch Break		
<b>14:30-15:00</b>	<b>Keynote speaker:</b>	<b><u>Dr. Rod Franklin</u></b>



*“Resilience in a contemporary context: Geopolitics, state based cyber threats, and an angry mother nature - Oh my!”*  
Kühne Logistics University, Professor

15:00-15:15 Coffee break

15:15-17:00 7<sup>th</sup> Modern approaches and technologies in agri-food domain  
(Chair: Evangelos Lioutas)

<b>Pratik Mahajan; Fotios S Misopoulos; Dimitrios Folinas</b>	<i>Inhibition of food wastage at storage locations across the supply chain: A systematic literature review</i>
<b>Ioannis Papachristos, Maria Kontopanou, Foivos Anastasiadis, Giannis Tsoulfas</b>	<i>The role of consumers in the honey supply chain</i>
<b>Maria Kontopanou, Ioannis Papachristos, Giannis Tsoulfas, Foivos Anastasiadis</b>	<i>A review of the major challenges in the honey supply chain</i>
<b>Pham Xuan Hung, Truong Quang Dung, Ngu-yen Duc Kien</b>	<i>Investigating the impacts of innovation capacity on the performance of agricultural firms in the central region of Vietnam</i>
<b>Konstantinos Spanos, Konstantinos Zapounidis, Eleni Meleti, Charisios Achillas</b>	<i>Assessment of environmental impact of wine production</i>
<b>George Malindretos, Petrina Deligianni</b>	<i>Environmental impact assessment in the wine supply chain. Empirical study in an organic winery in the island of Tinos</i>
<b>Konstantinos Spanos, Konstantinos Zapounidis, Iliana Galiagousi, Dimitrios Aidonis</b>	<i>Quantification of cherry production impact with the use of Life Cycle Assessment methodology</i>

17:00-18:00 3<sup>rd</sup> Workshop *“Challenges and solutions in agrifood supply chain”*  
Evangelos Lioutas, Christina Manosi, Christos Mourtziopoulos, Stavros Papadopoulos, Konstantinos Rotsios

18:00-19:15 8<sup>th</sup> The role of operators and consumers in supply chain digital transformation  
(Chair: Athanasios Kelemis)

<b>Hung X Pham, Tuyen Mai Chiem</b>	<i>Factors Affecting Contract Farming Enforcement in Rice Production in Vietnam</i>
<b>Parthena Iosifidou, Charisios Achillas</b>	<i>Navigating the shift to EVs: The workforce transformation strategy case at Mercedes-Benz</i>
<b>Amalia Stafyla, Ioannis Nanos</b>	<i>Perceived benefits and challenges of Greek managers towards Enterprise Information Systems and Industry 4.0 technologies adoption: the role of organizational and personal factors</i>
<b>Dimitrios Folinas, Kostas Tassis, Maria Argyropoulou, Rachel Argyropoulou, Soheila Nemati</b>	<i>Assessing consumers' embrace of the Internet of Things</i>
<b>Ioannis Nanos, Evmorfia Giannakou, Vasileios Skylogiannis, Apostolos Panagiotis Zoumpeloulis, Amalia Stafyla</b>	<i>Is local sustainable? Exploring consumers' perceptions towards short food supply chains in Greece</i>

19:15-19:30 End of second day closing remarks

All 2<sup>nd</sup> Day Poster Session (Chair: Melina Chatziantoniou)

<b>Panagiotis Tsarouhas, Kyriaki Anthopoulou</b>	<i>Investigating consumers and growers views on edible olive quality assurance: a case study</i>
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<b>Miltiadis Nikolaou, Charisios Achillas</b>	<i>Sustainability indicators for tourism destinations</i>
<b>Anastasia Karamanli; Alexandros Xanthopoulos; Antonios Gasteratos, Dimitrios Koulouriotis</b>	<i>Manufacturing-as-a-Service: A systematic review of the literature</i>





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