



GJCIE 2024 Conference Program

07 – 09 AUGUST 2024

“INDUSTRIAL ENGINEERING IN THE ERA OF ARTIFICIAL INTELLIGENCE”



GJCIE 2024

Global Joint Conference on Industrial Engineering and Its Application Areas

07 - 09 August 2024

“Industrial Engineering in the Era of Artificial Intelligence”

CONFERENCE PROGRAM

07 August 2024, Wednesday

16:00– 17:00	Conference Registration
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08 August 2024, Thursday

09:30– 09:45	Welcome Address by Fethi Calisir – Conference Chair
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09:45 – 10:45	Session - I
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ROOM – A1-04	Chair – Fethi Calisir
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ID: 06	Integration of BIM and Lean in the Production of Modular Constructions: A Fuzzy DEMATEL Approach	Diana Minodora Pop Corina M. Rădulescu Adrian Traian Rădulescu Gelu Danku M.T. Rădulescu
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ID: 09	Investigating the Greenhouse Gas Emissions Across Various Sectors of Türkiye	Dilara Akkus
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ID: 49	A Meta-Analysis of Ergonomic Evaluation Methods	Nidai Kordal Orhan Korhan
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10:45 – 11:00	BREAK
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11:00 – 12:00	Session – II
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ROOM – A1-06	Chair – Semail Ulgen
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ID: 02	Additive Manufacturing in Edible Product Supply Chain: A Sustainable Perspective	Wenqi Li Banu Y. Ekren Emel Aktas
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ID: 05	Role of Blockchain-Integrated Machine Learning in the Supply Chain: Review on Applications	Cemil Tugcan Orhan Korhan
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ID: 08	Solving the Material Selection Problem in Architectural Projects by AHP and Fuzzy TOPSIS Method	Omer Oztas
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12:00 – 13:00	LUNCH BREAK
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13:00 – 14:00		Session – III
ROOM – A1-04		Chair – Fethi Calisir
ID: 07	Integrating Building Information Modeling (BIM) and Lean in Modular Construction: Insights of Literature Review	Diana Minodora Pop Corina M. Rădulescu Adrian T. Rădulescu, Gheorghe M.T. Rădulescu, Gelu Danku
ID: 52	The Effect of Visibility, Transformational Leadership, and Empowerment on Project Success	Suveybe Ozturk Gulsah Hancerliogullari Koksalmis
ID: 54	Innovative Strategies for Firefighting Resource Allocation in Forest Fires: A Comparative Study of Maximal Covering and Travel Distance Minimization Approaches	Zuhal Ozcan Ozgun Kabak Inci Caglayan

14:00 – 14:15	BREAK
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14:15 – 15:15		Session – IV
ROOM – A1-06		Chair – Semail Ulgen
ID: 10	Optimal Design of Opaque Distribution Channels: Post-ed Price vs. Name-Your-Own Price Mechanisms	John G. Wilson
ID: 12	Capacity and Pricing Optimisation in the Presence of Ancillary Items	John G. Wilson
ID: 27	Solution Approaches for the Traveling Salesman Problem with Priority Relationship	Mucahit Burkuk Mustafa Yilmaz

15:15 – 15:30	BREAK
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15:30 – 16:50		Session – V (<i>Online</i>)
ROOM – A1-04		Chair – Fethi Calisir
ID: 01	Impact Of Intellectual Capital on The Profitability of The Real Estate Investment Trusts Listed on Borsa Istanbul	Farnoush Javdani Fethi Calisir Basak Cetinguc
ID: 03	Investigation of Consumers’ Intention to Use Augmented Reality Applications in Online White Goods Shopping with the Technology Acceptance Model	Idil Hocaoglu Fethi Calisir Basak Cetinguc
ID: 04	Customer Segmentation in the Meal Card Industry: An Application at Financial Technologies Company in Turkey	Dicle Aslan Cenkay Zadeoglu
ID: 28	Enhancing Human Resource Management in the Aviation Sector: A Comprehensive Analysis	Abdulkadir Demirok Morteza Bagherpour Semail Ulgen

16:50 – 17:00		Poster Session
ROOM – A1-06		
ID: 13	A Due Diligence Study on Digital Twin: The Situation in Universities, Use Levels in Industry, How to Learn?	Aysegul Aydin

17:00 – 18:00		Keynote Session (<i>Online</i>)
ROOM – A1-04		
Deniz Tuncalp		
<i>Istanbul Technical University, Management Faculty, Istanbul, Turkey</i>		
<i>Title of speech: Balancing Technology, Innovation and Tradition: Navigating AI Adoption in Family Businesses</i>		



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09 August 2024, Friday

08:30 – 09:30	Session – VI (<i>Online</i>)	
ROOM – A1-04	Chair – Fethi Calisir	
ID: 11	Comparison of Agile Project Management Approaches	Kubra Eylul Devre Ozlem Senvar
ID: 14	Inventory Management Cost Improvements Through Monte Carlo Simulation in the Value-Added Wood Products Industry	Melike Nur Ince Cagatay Tasdemir
ID: 22	Efficiency of the Turkish Banking Sector: A Stochastic Frontier Approach	Soner Kizilkaya Ufuk Cebeci

09:30 – 09:45	BREAK	
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09:45 – 10:45	Session – VII (<i>Online</i>)	
ROOM – A1-04	Chair – Fethi Calisir	
ID: 15	A Simulation Study on the Alternative Spare Part Replenishment Policies for a Public Bus Transportation System	Ilker Mutlu Onder Bulut
ID: 16	The Impact of Integrated Mobile Applications on the Dissemination of Talent Management Processes	Ahmet Anil Koçak Ufuk Cebeci Halilcan Kola Salim Atay
ID: 18	A Spherical Fuzzy SWARA-Based Methodology for Prioritizing Selection Criteria of Blockchain Software	Veysel Tatar Berk Ayvaz

10:45 – 11:00	BREAK	
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11:00 – 12:00	Session – VIII (<i>Online</i>)	
ROOM – A1-04	Chair – Fethi Calisir	
ID: 46	Lean Office System Design: An Application from the Banking Industry	Yildiz Kose Emre Cevikcan Merve Karayagci
ID: 50	Detection of Inventory Inaccuracy Using Classification Algorithms in Retail Stores	Dilara Alcan Ali Yigit Mucan Hasan Can Karapinar Tuncay Ozcan
ID: 17	A Lexicographic Goal Programming Approach for Solving Multi-Objectives in The Product Distribution Problem	Ela Binici Fayetorbay Erdem Aksakal

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