

International Conference on Science, Engineering Management and IT (SEMIT 2025)

Sep. 11-13, 2025, Dubai, Hybrid Event

<https://semit2025.refconf.com/>

- The conference programs are scheduled based on Dubai Time Zone (UTC+4)
- This program will be updated continuously and you can see the latest version on: <https://semit2025.refconf.com/conference-schedule/>

First day: Thursday 11.09.2025

Location/time	9:00-10:30	10:30-10:45	10:45-12:15	12:15-13:30	13:30-15:00	15:00-15:15	15:15-16:45
Room 1 (Hybrid)	Opening Ceremony Keynote speech <i>Prof. Dursun Delen</i>	Coffee Break	Workshop <i>Dr. Ali Bagheri</i>	Lunch Break	Paper Session Dr. Mohit Malik	Coffee Break	15:15-16:00 Workshop <i>Mr. Harshavardhan Yedla</i>
							16:00-16:45 Workshop <i>Mr. Chirag Agrawal</i>
Room 2 (Online)	Closed	Break Time	Symposium Dr. Iryna Novakovska (Part 1)	Break Time	Symposium Dr. Iryna Novakovska (Part 2)	Break Time	Symposium Dr. Iryna Novakovska (Part 3)
Room 3 (Online)	Closed	Break Time	Paper Session Dr. Mazdak Khodadadi Karimvand	Break Time	Paper Session Dr. Rohit Bansal	Break Time	Paper Session Dr. Vani N. Laturkar
Room 4 (Online)	Closed	Break Time	Paper Session Dr. Ammar Odeh	Break Time	Paper Session Dr. Simerjeet Singh Bawa	Break Time	Paper Session Dr. Sonia Nasri

Scan to download the Conference
Abstract Proceedings



International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Second day: Friday 12.09.2025









Location/time	9:00-10:30	10:30-10:45	10:45-12:15	12:15-13:30	13:30-15:00	15:00-15:15	15:15-16:45
Room 1 (Hybrid)	9:00-9:45 Keynote speech <i>Prof. Sadia Samar Ali</i>	Coffee Break	Paper Session Prof. Subhash Verma	Lunch Break	Paper Session Dr. Ali Asghar Rahmani Hosseinabadi	Coffee Break	Closing Session Keynote speech <i>Prof. Josef Jablonsky</i>
	9:45-10:30 Workshop <i>Dr. AbdulQuddus Mohammed</i>						
Room 2 (Online)	Paper Session Dr. Wided Oueslati	Break Time	Paper Session Dr. Aybike Özyüksel Çiftçioğlu	Break time	Paper Session Prof. Vijay Kumar Gahlawat	Break Time	Closed
Room 3 (Online)	Paper Session Dr. Meenakshi Kaushik	Break Time	10:45-11:30 Workshop <i>Dr. Meenakshi Kaushik</i>	Break time	Paper Session Dr. Saeid Rezaei	Break Time	Closed
			11:30-12:15 Workshop <i>Dr. Kaveri C S.& Dr. S. Saiganesh</i>				
Room 4 (Online)	Symposium Dr. Iryna Novakovska (Part 4)	Break Time	Paper Session Dr. Mohsen Akbarpour Shirazi	Break time	Closed	Break time	Closed

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Third day: Saturday 13.09.2025

16:00-21:00
Desert Tour

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Room 1	<div data-bbox="205 302 348 480"></div> <p>Leila Chehrehgani Sheffield, UK</p> <div data-bbox="205 488 348 667"></div> <p>Ahmet Süha Hancıoğlu Ankara Yıldırım Beyazıt University, Türkiye</p>	<p style="text-align: center;">Join Zoom Meeting</p> <p>Thursday: https://us04web.zoom.us/j/3882300602?pwd=urxoazDY6DsFbhBRsgYT8mhqzUwkuR.1&omn=74313348459 Friday: https://us04web.zoom.us/j/3882300602?pwd=urxoazDY6DsFbhBRsgYT8mhqzUwkuR.1&omn=74910183672</p>
Room 2	<div data-bbox="205 711 348 889"></div> <p>Mert Eyüboğlu Ankara Yıldırım Beyazıt University, Turkey</p> <div data-bbox="667 719 810 898"></div> <p>Dr. Gül Uslu Sinop University, Turkey</p>	<p style="text-align: center;">Join Zoom Meeting</p> <p>Thursday: https://zoom.us/j/9754498345?pwd=ZLplbb4n8Im15sk0TYKeKioyN6EYkc.1&omn=98691078028 Friday: https://zoom.us/j/9754498345?pwd=ZLplbb4n8Im15sk0TYKeKioyN6EYkc.1&omn=95025242612</p>
Room 3	<div data-bbox="205 979 348 1157"></div> <p>Abdulrahim Taha Küçüköner Ankara Yıldırım Beyazıt University, Turkey</p> <div data-bbox="667 987 810 1166"></div> <p>Vildan Tezcan Ankara Yıldırım Beyazıt University, Turkey</p>	<p style="text-align: center;">Join Zoom Meeting</p> <p>Thursday: https://zoom.us/j/3963123956?pwd=WTJ0M3ZpaG5KcC9yaFRkQW1uMUUpPdz09&omn=96147416379 Friday: https://zoom.us/j/3963123956?pwd=WTJ0M3ZpaG5KcC9yaFRkQW1uMUUpPdz09&omn=97732624718</p>
Room 4	<div data-bbox="205 1230 348 1409"></div> <p>Alperen Öncel Ankara Yıldırım Beyazıt University, Turkey</p> <div data-bbox="667 1230 810 1409"></div> <p>Şafak Kağar Ankara Yıldırım Beyazıt University, Turkey</p>	<p style="text-align: center;">Join Zoom Meeting</p> <p>Thursday: https://zoom.us/j/8087670437?pwd=ZDB5NXNMauIDVERwOUkzc nRzenJPUT09&omn=94572281115 Friday: https://zoom.us/j/8087670437?pwd=ZDB5NXNMauIDVERwOUkzc nRzenJPUT09&omn=91428905374</p>

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Opening Session

Thursday, 11.09.2025, At 9:00 (Dubai time)

#	Title	Time	Duration (minutes)
1	Opening Presentation	9:00-9:05	5
2	Welcome Speech, Prof. Ergun Eraslan (Dean of Faculty of Engineering and Natural Sciences, AYBU)	9:05-9:15	10
3	Conference Report, Prof. A. Mirzazadeh (Conference Chair)	9:15-9:35	20
4	SEMIT 2025 Clip	9:35-9:40	5
5	Keynote Speech, Prof. Dursun Delen (Regents Professor at Oklahoma State University, Stillwater, OK, USA)	9:40-10:25	45
6	AYBU Clip	10:25-10:30	5

Closing Session

Friday, 12.09.2025, At 15:15 (Dubai time)

#	Title	Time	Duration (minutes)
1	Closing Presentation	15:15-15:20	5
2	SEMIT 2025 Clip	15:20-15:25	5
3	Prof. Babek Erdebilli (Conference Chair)	15:25-15:35	10
4	Keynote Speech, Prof. Josef Jablonsky (Prague University of Economics and Business, Czech Republic)	15:35-16:20	45
5	Closing Remarks, Prof. Mete Gundogan (Head of Department of Industrial Engineering, AYBU)	16:20-16:30	10
6	Appreciation	16:30-16:40	10
7	SEMIT 2025 Group Photo	16:40-16:45	5

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Thursday, 11.09.2025 Time: 15:15-16:15		Room 1, link: https://us04web.zoom.us/j/3882300602?pwd=urxoazDY6DsFbhBRsgYT8mhqzUwkuR.1&omn=74313348459 Host: Leila Chehreghani and Ahmet Süha Hancıoğlu	
Opening Ceremony			
#	Title	Time	Duration (minutes)
1	Opening Presentation	9:00-9:05	5
2	Welcome Speech, Prof. Ergun Eraslan (Dean of Faculty of Engineering and Natural Sciences, AYBU)	9:05-9:15	10
3	Conference Report, Prof. A. Mirzazadeh (Conference Chair)	9:15-9:35	20
4	SEMIT 2025 Clip	9:35-9:40	5
5	Keynote Speech, Prof. Dursun Delen (Regents Professor at Oklahoma State University, Stillwater, OK, USA)	9:40-10:25	45
6	AYBU Clip	10:25-10:30	5

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Thursday, 11.09.2025 Time: 9:40-10:25	Keynote Speech	Room 1, link: https://us04web.zoom.us/j/3882300602?pwd=urxoazDY6DsFbhBRsgYT8mhqzUwkuR.1&omn=74313348459 Host: Leila Chehrehgani and Ahmet Süha Hancıoğlu
Title: <i>“Demystifying Data Science: Transformative Real-World Applications Driving Innovation”</i>		
Keynote Speaker: Prof. Dursun Delen Regents Professor at Oklahoma State University, Stillwater, OK, USA & Professor at Istinye University, Istanbul, Turkey		
Abstract: In today’s rapidly evolving business landscape, terms like artificial intelligence, machine learning, business analytics, big data, business intelligence, and data science are more than buzzwords—they are revolutionizing decision-making and problem-solving. Although these terms are often used interchangeably, they all share a common purpose: leveraging sophisticated mathematical models, statistical techniques, and expert insights to extract actionable intelligence. But why has data science emerged as a cornerstone of modern innovation? Is it a novel concept or simply an evolution of traditional analytics? This keynote presentation will unravel these questions by demystifying the underlying concepts of data science and business analytics. Drawing on compelling real-world case studies—from healthcare and medicine to entertainment and education—it will illustrate how data-driven strategies are transforming industries and shaping the future of business. Join us to explore the cutting edge of analytics and discover how to harness its power to drive innovation and solve today’s most pressing challenges.		

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Thursday, 11.09.2025 Time: 10:45-12:15	Workshop	Room 1, link: https://us04web.zoom.us/j/3882300602?pwd=urxoazDY6DsFbhBRsgYT8mhqzUwkuR.1&omn=74313348459 Host: Leila Chehrehgani and Ahmet Süha Hancıoğlu
Title: <i>“Agentic AI: Revolutionizing Business Intelligence and Strategic Innovation for Agile Organizations”</i>		
Speaker: Dr. Ali Bagheri CEO of META INNOVATION Company, Dubai, UAE		
Abstract: In an era where rapid technological advancement dictates market dynamics, organizations must adopt cutting-edge tools to maintain competitive agility. This lecture introduces Agentic AI—a transformative paradigm in artificial intelligence characterized by autonomous decision-making, proactive strategy formulation, and dynamic execution. Unlike conventional Business Intelligence (BI) tools that offer retrospective insights, Agentic AI operates as an active collaborator, enabling real-time predictive analytics, adaptive process optimization, and innovation-driven entrepreneurship.		

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Thursday, 11.09.2025 Time: 10:45-12:15	Session Code: SS01 (Part 1)	Room 2, link: https://zoom.us/j/9754498345?pwd=ZLplbb4n8Im15sk0TYKeKioyN6EYkc.1&omn=98691078028 Host: Mert Eyüboğlu and Dr. Gül Uslu
Title: <p style="text-align: center;"><i>“Food and Environmental Security in Global Challenges (FESGC 2025)”</i></p>		
Symposium Organizers: Dr. Iryna Novakovska , National University of Life and Environmental Sciences of Ukraine, Ukraine Dr. Oksana L. Tonkha , Scientific Work and Innovation Activities, NUBiP of Ukraine, Ukraine Dr. Vladimir V. Otchenashko , Head of the Scientific and Research Department, NUBiP of Ukraine, Ukraine Dr. Nataliya Yu. Shevchenko , Head of the Department of Scientific and Technical Information, NUBiP of Ukraine, Ukraine Dr. Ruslana V. Postoy , Senior Researcher of Department of Scientific and Technical Information, NUBiP of Ukraine Ukraine Dr. Victoria I. Melnyk , Senior Researcher of Department of Scientific and Technical Information, NUBiP of Ukraine, Ukraine		
Paper Code	Authors	Paper Title
1002-SEMIT2025	Olga Kruk; Anatoliy Ugnivenko; Tetyana Antonuk; Oleksandr Kolisnyk	Morphological Composition and Quality Features of Carcasses of Crossbred Bull Calves with Different Subcutaneous Fat Colours
1004-SEMIT2025	Olga Kruk; Anatoliy Ugnivenko; Tetyana Antonuk; Oleksandr Kolisnyk	Qualitative Characteristics Beef of 21-Month-Old Bulls of Ukrainian Black- Spotted Dairy Breed with Different Conformation (Meatiness) of Carcasses
1017-SEMIT2025	Serhii Vynohradenko; Arkadii Siedov; Roman Stupen; Oksana Stupen	Digital Instruments as a Catalyst for Harmonization of the Land Management System: International Experience and Ukrainian Perspectives
1019-SEMIT2025	Vladyslav Dorozhko; Nataliia Holembovska; Nataliia Slobodianiuk; Valentyna Israelian; Oleksandr Androshchuk	Improvement of Dried Products Technology with Modification of Flavor and Aromatic Properties with Integration of Smart Technologies

Date: Thursday, 11.09.2025 Time: 10:45-12:15	Session Code: SP02	Room 3 , link: https://zoom.us/j/3963123956?pwd=WTJ0M3ZpaG5KcC9yaFRkQW1uMUUpdz09&omn=96147416379 Host: Abdulrahim Taha Küçüköner and Vildan Tezcan
Title: <i>“Safety and Reliability Engineering, System Engineering and System Safety in Industry 4.0”</i>		
Panel Chair: Dr. Mazdak Khodadadi Karimvand , Faculty of Engineering, University of Science and Culture, Iran		
Paper Code	Authors	Paper Title
1204-SEMIT2025	Mazdak Khodadadi Karimvand	A Review of Human Reliability Analysis Techniques in Oil and Gas Industries
1217-SEMIT2025	Gulberg Ergin; İbrahim Yılmaz; Ergün Eraslan	Assessment of Occupational Health and Safety Risks in Oil and Natural Gas Drilling Operations with Multi-Criteria Decision Making (MCDM) Methods
1245-SEMIT2025	Rehana Perveen; Rakesh Thakur; Aarti Hans; Shubneet; Anushka Raj Yadav; Navjot Singh Talwandi	Explainable Reinforcement Learning in Autonomous Navigation Systems
1030-SEMIT2025	Dmytro Novakovskyi; Oleksandr Kovalenko; Viacheslav Fomenko; Lidiya Smolenska; Nataliia Medynska; Iryna Novakovska	Assessment of the Impact of Financial Regulation on the Design of Industrial Facilities Regarding Environmental Issues Using Digital Technologies
1143-SEMIT2025	Nishant Rath	A Comparative Study of Wi-Fi, Cellular, and Satellite Internet Technologies: Performance, Accessibility, and Real-World Applications

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Thursday, 11.09.2025 Time: 10:45-12:15	Session Code: SP03	Room 4, link: https://zoom.us/j/8087670437?pwd=ZDB5NXNMauIDVERwOUkzcnRzenJPUT09&omn=94572281115 Host: Alperen Öncel and Şafak Kağar
Title: <i>“Data Science and Knowledge Management in Engineering Management”</i>		
Panel Chair: Dr. Ammar Odeh , Princess Sumaya University for Technology, Jordan		
Paper Code	Authors	Paper Title
1138-SEMIT2025	Ammar Odeh; Walid Salameh; Tareq Alhajjah; Francisco Navarro; Aladdin Ayesh; Mohammad Abu Karim	Enhancing Data Security and Privacy Using Federated Learning: A Scalable Framework for Distributed Systems
1183-SEMIT2025	Sylwia Szybowska; Krzysztof Chochowski; Anna Chochowska	Social Media as a Space of Information
1137-SEMIT2025	Samet Tosun; Ibrahim Yilmaz	Comparative Analysis of Mental Workload of Academic Staff and Physicians with CarMen-Q Method
1154-SEMIT2025	Mete Gündoğan; Melike Kaya Akça; Çağrı Tekinbaş; Şeyma Demirci; Buse Kılıçaslan; Zafer Gülle	Organizational Resilience Measurement and Development Approaches at an Energy Production Company in Türkiye
1227-SEMIT2025	Osman Cayli	A Privacy-Compliant Blockchain-NLP System for Predictive Employment Agreement Management

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Thursday, 11.09.2025 Time: 13:30-15:00	Session Code: SP11	Room 1 , link: https://us04web.zoom.us/j/3882300602?pwd=urxoazDY6DsFbhBRsgYT8mhqzUwkuR.1&omn=74313348459 Host: Leila Chehreghani and Ahmet Süha Hancıoğlu
Title: <i>“AI-Driven Information Systems for Governance, Healthcare, and Sustainability”</i>		
Panel Chairs: Dr. Mohit Malik , School of Business Management, Noida International University, India Dr. Dhiraj Kumar Yadav , North Eastern Regional Institute of Science and Technology, India Dr. Parveen Siwach , Symbiosis Centre for Management Studies, Noida Campus, Symbiosis International (Deemed University), India		
Paper Code	Authors	Paper Title
1008-SEMIT2025	Ebrahim Rezaei; Josef Jablonsky	Government Digitalization and Tax Collection Efficiency in Emerging Economies
1054-SEMIT2025	Mobina Mousapour Mamoudan; Kamyab Sadeghzadeh; Parmida Bahreini; Nima Pourkhodabakhsh; Babek Erdebili; Amir Aghsami	A Dynamic Forecasting and Multi-Objective Optimization Framework for Efficient Resource Management in Physiotherapy Center
1160-SEMIT2025	Rajesh Ranjan; Rashmi Singh; Saumya Tripathi	Harnessing Information Systems for Sustainable Enterprise Development: A Systematic Literature Network Analysis
1162-SEMIT2025	Jyoti Kunal Shah; Prashanthi Matam	XAI-Augmented Decision Support Systems for Complex, Multi-Criteria Problems in Uncertain Healthcare Environments
1194-SEMIT2025	Rajesh Ranjan; Rashmi Singh; Saumya Tripathi	The Role of Green Information Systems in India’s Environmental Sustainability: A Review-Based Perspective

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Thursday, 11.09.2025 Time: 13:30-15:00	Session Code: SS01 (Part 2)	Room 2 , link: https://zoom.us/j/9754498345?pwd=ZLplbb4n8Im15sk0TYKeKioyN6EYkc.1&omn=98691078028 Host: Mert Eyüboğlu and Dr. Gül Uslu
Title: <i>“Food and Environmental Security in Global Challenges (FESGC 2025)”</i>		
Symposium Organizers: Dr. Iryna Novakovska , National University of Life and Environmental Sciences of Ukraine, Ukraine Dr. Oksana L. Tonkha , Scientific Work and Innovation Activities, NUBiP of Ukraine, Ukraine Dr. Vladimir V. Otchenashko , Head of the Scientific and Research Department, NUBiP of Ukraine, Ukraine Dr. Nataliya Yu. Shevchenko , Head of the Department of Scientific and Technical Information, NUBiP of Ukraine, Ukraine Dr. Ruslana V. Postoy , Senior Researcher of Department of Scientific and Technical Information, NUBiP of Ukraine, Ukraine Dr. Victoria I. Melnyk , Senior Researcher of Department of Scientific and Technical Information, NUBiP of Ukraine, Ukraine		
Paper Code	Authors	Paper Title
1043-SEMIT2025	Melnychenko Svitlana; Kudinova Iryna; Mosiiuk Stefaniia; Samsonova Viktoriia; Neilenko Sergii	Eco-Friendly Hospitality in the Digital Era: Trends, Technologies, and Transformations
1056-SEMIT2025	Larysa V. Voitenko; Tatiana I Ushchapivska; Olha O. Kravchenko; Nadiia M. Prokopchuk; Leonid M. Abarbarchuk	Toward the Development of the Ukrainian Water Quality Index (UWQI)
1061-SEMIT2025	Marianna Stegnei; Iryna Kramarenko; Inna Irtysheva; Olena Ishchenko; Orshoia Nod; Viktor Neymet	Inclusive Development of Territorial Units Based on Smart Specialization as a Foundation for Environmental Security
1067-SEMIT2025	Liudmyla Hnatyshyn; Roman Velykyi; Oksana Prokopyshyn; Stanislav Vasylishyn; Kateryna Py-lypenko	Management Tools for Developing Competitive Advantages in Farming
1071-SEMIT2025	Lidiia Cherednyk; Ruslan Sopivnyk; Karina Juriivna Safian; Pavlo Smoliak; Roman Babkovich	Formation of Ecological Culture Among Future Specialists in the Agricultural Industry Within the Educational Environment of Life Sciences Universities

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Thursday, 11.09.2025 Time: 13:30-15:00	Session Code: SP04	Room 3 , link: https://zoom.us/j/3963123956?pwd=WTJ0M3ZpaG5KcC9yaFRkQW1uMUUpPdz09&omn=96147416379 Host: Abdulrahim Taha Küçüköner and Vildan Tezcan
Title: <i>“Emerging Technologies for Sustainable Development”</i>		
Symposium Organizers: Dr. Rohit Bansal , Adjunct Faculty, Rockford College, Sydney, Australia Dr. Gunjan Shuklaa , SICA College, India Dr. Pooja Chaturvedi Sharma , Apeejay School of Management, India		
Paper Code	Authors	Paper Title
1034-SEMIT2025	Hrechanyk Nataliia; Oksana Vasiuk; Svitlana Vyhovska; Alen Zinoruk; Wang Qiang	The 21st Century University’s Mission: Globalization’s Challenges and Ukraine’s Prospects
1127-SEMIT2025	Ivan Sadovyy; Nazar Stupen; Zoriana Ryzhok; Armands Celms	Analysis and Forecasting of Land Use Changes Using QGIS
1193-SEMIT2025	Abdullah Jafree; Md Alik Akandh; Kazi Jahid Hasan; Md. Salah Uddin	Addressing Technical Challenges and Workflow Optimization in 3D Prototype Manufacturing with Creality Ender 3 V2 Neo
1216-SEMIT2025	Parveen Siwach; Shubneet; Anushka Raj Yadav; Navjot Singh Talwandi	AI-Driven Threat Intelligence for Predictive Cyber Defense in Smart Cities
1231-SEMIT2025	GreenCode: AI-Driven Energy Efficiency Optimization in Legacy Mainframe Systems	Osman Cayli; Atinç Yilmaz

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Thursday, 11.09.2025 Time: 13:30-15:00	Session Code: SP06	Room 4, link: https://zoom.us/j/8087670437?pwd=ZDB5NXNMauIDVERwOUkzcnRzenJPUT09&omn=94572281115 Host: Alperen Öncel and Şafak Kağar
Title: <i>“Marketing and E-marketing for resources management”</i>		
Symposium Organizers: Dr. Simerjeet Singh Bawa, Chitkara University, India		
Paper Code	Authors	Paper Title
1134-SEMIT2025	Seyedehyalda Saremi	The Strategic Role of Information Systems in Modern Business: Empowering Decision-Making and Sustaining Competitive Advantage
1158-SEMIT2025	Melih Sözdinler; Gökhan Akpınar; Eyüp Tolunay Küp; Mert Özçiçek; Aysima Bakırcılar; Ayşe Aygün Katircılar; Yalçın Doksanbir	AI-Powered Search Engine Optimization-Friendly Content Generation: Enhancing Visibility and Impression
1022-SEMIT2025	Volodymyr Nazarenko; Oksana Zazymko; Larysa Klikh; Mario Funderburk; Yaroslav Rudyk	Study of the Relevance of the Use of Interactive Simulations for Teaching Students of Technical and Technological Specialties
1066-SEMIT2025	Moein Attar; Hüseyin Canbolat	Noise Filtering in Simulated Temperature Rise Test Data of Transformers Using MATLAB
1283-SEMIT2025	Omnichannel Strategy and Customer-Centricity in E-Commerce: A Systematic Literature Review	Kishori Kasat; Naim Shaikh; Venkatesh Iyengar; Shradha Vernekar
1295-SEMIT2025	Rupinder Singh; Simerjeet Singh Bawa	A New Paradigm for Corporate Sustainability: Leveraging AI, IoT, and Predictive Analytics for ESG Monitoring

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Thursday, 11.09.2025 Time: 15:15-16:00	Workshop	Room 1, link: https://us04web.zoom.us/j/3882300602?pwd=urxoazDY6DsFbhBRsgYT8mhqzUwkuR.1&omn=74313348459 Host: Leila Chehreghani and Ahmet Süha Hancıoğlu
Title: <i>“Next Generation Industrialization with AI: Revolutionizing Healthcare, Finance, and Transportation for Operational Efficiency and Innovation”</i>		
Speaker: Mr. Harshavardhan Yedla Wipro LLC, USA		
Abstract: Artificial Intelligence (AI) is transforming a broad range of industries, driving improvements in efficiency, innovation, and decision-making. AI is enabling personalized medicine and enhancing diagnostic precision in the healthcare industry. In finance, AI streamlines operations improve risk management, and offers customized services that enhance customer satisfaction. It facilitates hyper-personalization, increases sales, and optimizes supply chains in retail and e-commerce. The manufacturing sector is benefiting from predictive maintenance and autonomous operations, boosting productivity and minimizing downtime. While crop management and resource efficiency promote sustainable farming practices in digital agriculture. AI is widely utilized by the real estate sector for property valuation and smart building management, improving energy efficiency and tenant satisfaction. AI optimizes delivery routes, supports autonomous vehicles, and improves traffic management, lowering costs and increasing safety in transportation and logistics. Public sectors and governments are adopting AI for predictive modeling and policy simulation, leading to better governance. These innovations demonstrate AI’s transformative potential, driving measurable ROI, fostering sustainability, and leading to informative decision-making across industries.		

Date: Thursday, 11.09.2025 Time: 16:00-16:45	Workshop	Room 1, link: https://us04web.zoom.us/j/3882300602?pwd=urxoazDY6DsFbhBRsgYT8mhqzUwkuR.1&omn=74313348459 Host: Leila Chehreghani and Ahmet Süha Hancıoğlu
Title: <i>“AI in Manufacturing”</i>		
Speaker: Mr. Chirag Agrawal Novelis Inc. Atlanta, USA & IEEE Senior Member		
Abstract: AI Application in Manufacturing Industry. I will review some of the use cases that utilize computer vision, Simulation, AI/ML within the company, and their impact on the industry. This will help other users ask questions and understand the possibilities of implementing machine learning-based use cases in their organizations.		

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Thursday, 11.09.2025 Time: 15:15-16:45	Session Code: SS01 (Part 3)	Room 2, link: https://zoom.us/j/9754498345?pwd=ZLplbb4n8Im15sk0TYKeKioyN6EYkc.1&omn=98691078028 Host: Mert Eyüboğlu and Dr. Gül Uslu
Title: <i>“Food and Environmental Security in Global Challenges (FESGC 2025)”</i>		
Symposium Organizers: Dr. Iryna Novakovska , National University of Life and Environmental Sciences of Ukraine, Ukraine Dr. Oksana L. Tonkha , Scientific Work and Innovation Activities, NUBiP of Ukraine, Ukraine Dr. Vladimir V. Otchenashko , Head of the Scientific and Research Department, NUBiP of Ukraine, Ukraine Dr. Nataliya Yu. Shevchenko , Head of the Department of Scientific and Technical Information, NUBiP of Ukraine, Ukraine Dr. Ruslana V. Postoy , Senior Researcher of Department of Scientific and Technical Information, NUBiP of Ukraine, Ukraine Dr. Victoria I. Melnyk , Senior Researcher of Department of Scientific and Technical Information, NUBiP of Ukraine, Ukraine		
Paper Code	Authors	Paper Title
1075-SEMIT2025	Rostyslav Tarasenko; Svitlana Amelina; Liying Shen	IT technologies in Translation as an Important Component of Ukraine’s Interaction with Partners in the Global Food Market
1088-SEMIT2025	Oleksandr Bondar; Oksana Butrym; George Panchenko; Svitlana Romanova; Vanda Baranovska	The Digitalization Role in Ensuring the Environmental and Economic Efficiency of Commodity Crops
1097-SEMIT2025	Iryna Belova; Olena Borysiak; Vasyl Brych; Antin Shuvar; Oleksiy Yaroshchuk	Assessing Climate and Economic Risks to Food Security in Europe: A Multiscenario and Lag-Based Modelling Approach
1098-SEMIT2025	Oksana Morhulets; Oleksandra Olshanska; Olena Cherniavska; Nataliia Buntova; Nataliia Moshenets	Strategic Mechanisms for Managing Sustainable Development Hospitality Industry in Ukraine
1106-SEMIT2025	Vitalii Ponomarenko; Roman Yakobchuk; Volodymyr Vasylyv; Mikhaïlo Mushtruk; Yaroslav Kyslytsia	Integrating Digital Technologies into the Design of Ejection Carbonization Systems to Reduce Greenhouse Emissions

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Thursday, 11.09.2025 Time: 15:15-16:45	Session Code: SP08	Room 3 , link: https://zoom.us/j/3963123956?pwd=WTJ0M3ZpaG5KcC9yaFRkQW1uMUtPd09&omn=96147416379 Host: Abdulrahim Taha Küçüköner and Vildan Tezcan
Title: <i>“Optimization and Decision-Making: Methods and Algorithms”</i>		
Panel Chair: Dr. Vani N. Laturkar , Swami Ramanand Teerth Marathwada University, India		
Paper Code	Authors	Paper Title
1140-SEMIT2025	Doruk Torunoğlu; Enes Can Erkoç; Zeynep Ece Abay; Syed Shah Sultan Mohiuddin Qadri; Emre Can Gök; Deniz Karataş; Gamze Güçlüer	Design and Implementation of a Custom ERP Framework for a Drilling Equipment Manufacturer
1142-SEMIT2025	Servet Soyguder; Bülent Herdem	Online Optimal Appointment Time in Digital Health Platform by Fuzzy Logic-Based TOPSIS
1199-SEMIT2025	Abhijit Roy Abhi; Kazi Jahid Hasan; Md. Salah Uddin	A Comparative Study of AI-Generated 3D Models and Conventional Software-Based 3D Modeling Techniques: Accuracy, Efficiency, and Creative Potential
1236-SEMIT2025	Sara Hasheminezhad; Mahsa Moayed; Ardavan Babaei; Erfan Babaee Tirkolaee	Reinforcement Learning for Blockchain-Enabled Supply Chain Network Design
1253-SEMIT2025	Mahnaz Maghbouli; Azam Pourhabib Yekta	Efficiency Measurement using Non-parametric Analysis in Presence of Undesirable Outputs: A SBM-DEA Approach
1275-SEMIT2025	Gedefaye Achamu Meretie; Eshetie Berhan; Sisay Geremew Gebeyehu; Betsha Tizazu Abreham	Specification of lower and upper limits of crop yield using Evapotranspiration and the crop yield index

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Thursday, 11.09.2025 Time: 15:15-16:45	Session Code: SP09	Room 4 , link: https://zoom.us/j/8087670437?pwd=ZDB5NXNMauIDVERwOUkzcnRzenJPUT09&omn=94572281115 Host: Alperen Öncel and Şafak Kağar
Title: <i>“Intelligent Logistics Optimization: Reasoning, Deep Learning, and Predictive Approaches”</i>		
Panel Chair: Dr. Sonia Nasri , Ecole Supérieure de Commerce de Tunis, Université de la Manouba, Tunisia & LARODEC Laboratory, Institut Supérieur de Gestion de Tunis, Tunisia Dr. Hend Bouziri , LARODEC, ESSECT, Tunisia Dr. Zouhour Ben Salem , LARODEC, FSEG Nabeul, Tunisia		
Paper Code	Authors	Paper Title
1122-SEMIT2025	Chaima Ben Othmen; Sonia Nasri; Hend Bouziri	Optimizing Non-Emergency Patient Transport with Variable Neighborhood Search: A Real-World Case Study
1123-SEMIT2025	Meriam Ayari; Sonia Nasri; Hend Bouziri	An Insertion Reasoning Approach based on Local Search
1124-SEMIT2025	Kamilia Bedhief; Sonia Nasri; Hend Bouziri	Greedy Insertion with Queue-based Retry and Dynamic Acceptance Control
1125-SEMIT2025	Souhir Benhdia; Zouhour Neji Ben salem; Hend Bouziri	Hybrid Deep Learning Models for Short-Term Forecasting Item Demands in Retail
1126-SEMIT2025	Hajer Dridi; Zouhour Neji Ben Salem; Hend Bouziri	Location Optimization of Micro-Depots in Urban Food Logistics

Date: Friday, 12.09.2025 Time: 9:00-9:45	Keynote Speech	Room 1, link: https://us04web.zoom.us/j/3882300602?pwd=urxoazDY6DsFbhBRsgYT8mhqzUwkuR.1&omn=74910183672 Host: Leila Chehreghani and Ahmet Süha Hancioğlu
Title: <i>“A Novel Hybrid Decision-Making Natural Resource-based Framework for Measuring Circular Economy 4.0 Performance for Textile Industry”</i>		
Keynote Speaker: Prof. Sadia Samar Ali Department of Industrial Engineering, Faculty of Engineering, King Abdulaziz University, Saudi Arabia		
Abstract: The sustainability strategy focuses on conscious production and consumption, with the Circular Economy (CE) as an innovative approach to maximize resource value and minimize waste. Industry 4.0 technologies like AI, robotics, and blockchain significantly enhance the competitiveness of businesses pursuing the CE. These advanced technologies help organizations achieve sustainability goals within the CE framework. The study analyzes how Industry 4.0-driven CE practices impact sustainable business performance, using the Indian textile industry as a case study. The researchers developed a three-stage hybrid decision-making framework, integrating various methods to assess sustainable performance. A novel multi-stage hybrid decision-making framework was developed after Kendall’s Agreement Test (Kendall’s W), Fuzzy Delphi analysis. Then Best Worst Method (BWM), Full Consistency Method (FUCOM), and Combined Compromise Solution (CoCoSo) methods are used. The findings highlight positive outcomes such as enhanced incentives, government support, greener logistics, and improved emissions, waste, and pollution monitoring. However, there is room for further improvements to address market demand and increase the profitability of green products.		

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Friday, 12.09.2025 Time:9:45-10:30	Workshop	Room 1, link: https://us04web.zoom.us/j/3882300602?pwd=urxoazDY6DsFbhBRsgYT8mhqzUwkuR.1&omn=74910183672 Host: Leila Chehreghani and Ahmet Süha Hancıoğlu
Title: <i>“Chalkboards to Chatbots: Redefining Teaching in the AI Age”</i>		
Speaker: Dr. AbdulQuddus Mohammed Assistant Professor in Business, Higher Colleges of Technology, UAE		
Abstract: This workshop guides educators through the transformative journey of adapting and thriving in the AI era. Participants will explore the limitations of current education models, the evolving job landscape, and the future-ready skills graduates need. The session introduces the Thrive AI Model—helping educators shift from content deliverers to student mentors. Attendees will practice prompt engineering, use AI tools for improving productivity in teaching, and discuss ethical implications of AI in education. The goal is to empower faculty to lead AI-driven change while preserving human connection in the classroom.		

Date: Friday, 12.09.2025 Time: 9:00-10:30	Session Code: SP07	Room 2, link: https://zoom.us/j/9754498345?pwd=ZLplbb4n8Im15sk0TYKeKioyN6EYkc.1&omn=95025242612 Host: Mert Eyüboğlu and Dr. Gül Uslu
Title: <p style="text-align: center;"><i>“Machine Learning for Decision Making and Knowledge Discovery”</i></p>		
Panel Chair: Dr. Wided Oueslati , Ecole Supérieure de Commerce de Tunis, Université de la Manouba, Tunisia & BESTMOD Laboratory, Institut Supérieur de Gestion de Tunis, Tunisia Dr. Afef Bahri , Ecole Supérieure de Commerce de Tunis, Université de la Manouba, Tunisia & SMART Laboratory, Institut Supérieur de Gestion de Tunis, Tunisia Dr. Sonia Nasri , Ecole Supérieure de Commerce de Tunis, Université de la Manouba, Tunisia & LARODEC Laboratory, Institut Supérieur de Gestion de Tunis, Tunisia Dr. Mouna Ben Brahim , Ecole Supérieure de Commerce de Tunis, Université de la Manouba, Tunisia & QUANLAB Laboratory, Ecole Supérieure de Commerce de Tunis, Université de la Manouba, Tunisia		
Paper Code	Authors	Paper Title
1058-SEMIT2025	Afef Bahri; Wided Oueslati	Towards a RAG-Based Framework for Accounting Practices: Context-Aware Question Generation
1157-SEMIT2025	Mete Gündoğan; Melike Kaya Akça; Necati Arda Durkan; Burhan Altuntepe; Zülal Ceylan; Tolga Altın	Machine Learning and Time Series-Based Demand Forecasting in Turkish Textile Warehouses
1031-SEMIT2025	Mejri Siwar; Wided Oueslati	A lexicon-Based Approach for Identifying Influential Individuals within Social Networks
1029-SEMIT2025	Harshavardhan Yedla; Sreenivasa Rao Veeranki; Sravanti Thota; Jyothi VK	AI-Driven Flood Severity Forecasting for Sustainable Urban Development (SDG11): Comparing Regression, Ensemble, and Deep Learning Methods
1220-SEMIT2025	Buğra Erkartal; Atınc Yılmaz	Generating Crush Signals in Vehicle Traffic using RCNN, Hidden Markov Chain and ANN

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Friday, 12.09.2025 Time: 9:00-10:30	Session Code: SP01	Room 3 , link: https://zoom.us/j/3963123956?pwd=WTJ0M3ZpaG5KcC9yaFRkQW1uMUUpPdz09&omn=97732624718 Host: Abdulrahim Taha Küçüköner and Vildan Tezcan
Title: <i>“Management, Policy, and Sustainability in Education, Healthcare, and Enterprises”</i>		
Panel Chair: Dr. Meenakshi Kaushik Tecnia Institute of Advanced Studies, GGSIPU (Guru Gobind Singh Indraprastha University)		
Paper Code	Authors	Paper Title
1042-SEMIT2025	Oksana Sylka; Larysa Syniavska; Viktoriia Khvist; Yevheniia Shevtsova	Developing Students’ Critical Thinking through the Analysis of Foreign Policy and the Use of Information and Analytical Tools
1052-SEMIT2025	Parmida Bahreini; Kamyab Sadeghzadeh; Yaser Samimi; Babek Erdebilli; İbrahim Yilmaz; Amir Aghsami	Integrated Queueing-Inventory Models: A Comprehensive Literature Review and New Thematic Classification
1184-SEMIT2025	Mostafa Esmaceli Mahyari; Hamid Reza Irani	Exploring Macro-Level Challenges in Health Tourism Development in Iran: Insights for Emerging Destinations
1112-SEMIT2025	Salma Hadj Taieb; Taicir Moalla Loukil; Yasmina Hani; Abderrahmane El Mhamedi	Routing for a Sustainable Future: A Systematic Review of Routing and Scheduling Problems in Home (Health)-Care Logistics
1230-SEMIT2025	Büşra Bülbül; Melike Çatakoğlu; Ümmügülsüm Daş; Tekin Karamavuş; Melike Pala; Betül Kayışoğlu	Scheduling of Pilot and Cabin Crew Training in Aviation
1261-SEMIT2025	Manolis Gkinoglou; Rachil Konstadinidi	ESG Implementation Costs: Optional Expenditure or Essential Commitment? The Case of PPC

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Friday, 12.09.2025 Time: 9:00-10:30	Session Code: SS01 (Part 4)	Room 4 , link: https://zoom.us/j/8087670437?pwd=ZDB5NXNMaUI0VERwOUkzcjRzenJPUT09&omn=91428905374 Host: Alperen Öncel and Şafak Kağar
Title: <i>“Food and Environmental Security in Global Challenges (FESGC 2025)”</i>		
Symposium Organizers: Dr. Iryna Novakovska , National University of Life and Environmental Sciences of Ukraine, Ukraine Dr. Oksana L. Tonkha , Scientific Work and Innovation Activities, NUBiP of Ukraine, Ukraine Dr. Vladimir V. Otchenashko , Head of the Scientific and Research Department, NUBiP of Ukraine, Ukraine Dr. Nataliya Yu. Shevchenko , Head of the Department of Scientific and Technical Information, NUBiP of Ukraine, Ukraine Dr. Ruslana V. Postoy , Senior Researcher of Department of Scientific and Technical Information, NUBiP of Ukraine, Ukraine Dr. Victoria I. Melnyk , Senior Researcher of Department of Scientific and Technical Information, NUBiP of Ukraine, Ukraine		
Paper Code	Authors	Paper Title
1104-SEMIT2025	Nataliia Hryshchenko, Sergii Gryshchernko, Seniuk Olga, Kurochko Nataliia, Kremez Mykola, Moysey Igor	Principles of Building a Healthy Diet in Modern Industrial Pig Farming
1105-SEMIT2025	Korniyenko Valentina; Seniuk Olga; Gorovij Leontij	Ecological Protection of Plants Using Biological Products from the Basidiomycete Fungus Fomes Fomentarius
1114-SEMIT2025	Volodymyr Lytvynenko; Dmytro Liudvenko; Nadiia Tomilova-Yaremchuk; Serhii Khomovyi; Andrii Nepochatenko; Tamara Hurenko	Institutional Mechanisms of Digital Transformation of Accounting and Control in Agribusiness
1196-SEMIT2025	Naval Lawande; Pravin Dange	Do Farmers Matter to Agri-input Companies? A Quantitative Evaluation of CSR Stakeholder Prioritization in India
1206-SEMIT2025	Olena Hlazunova; Andrii Taranenko; Maryna Nehrey	Quantifying Agricultural Losses in Ukraine: A Data-Driven Approach to War-Induced Land Damage

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Friday, 12.09.2025 Time: 10:45-12:15	Session Code: SP12	Room 1 , link: https://us04web.zoom.us/j/3882300602?pwd=urxoazDY6DsFbhBRsgYT8mhqzUwkuR.1&omn=74910183672 Host: Leila Chehreghani and Ahmet Süha Hancıoğlu
Title: <i>“Machine Learning, Deep Learning, and Neural Networks”</i>		
Panel Chair: Prof. Subhash Verma , School of Business Management, Noida International University, India Dr. Shashank Saxena , Research Analyst, 13D Research & Strategy, India Dr. Sushil Kr. Dixit , Professor, Lal Bahadur Shastri Institute of Management, Delhi, India		
Paper Code	Authors	Paper Title
1130-SEMIT2025	Buse Özcan; Ece Bozkurt; Deniz Efendioğlu	A Regression-Based Analysis of Factors Influencing CO ₂ Emissions Across Countries: A Systematic Literature Review
1132-SEMIT2025	Mahsa Fatemi Mehrabani; Mehrdad A Khafri; Mojtaba Esmailzadeh	Computational Modeling of Phase Transformation in 15-5PH Stainless Steel under Rapid Induction Heating using FEM–JMAK Framework
1139-SEMIT2025	Kıvılcım Naz Böke; Syed Shah Sultan Mohiuddin Qadri; Ahmet Kabarcık	Intelligent and Energy-Aware Task Scheduling in Cloud Systems
1195-SEMIT2025	Abu Kausar; Abu Shahed Shah Md Nazmul Arefin; Mohidul Islam; Md. Salah Uddin; Kazi Jahid Hasan; S M Monowar Kayser; Md. Shafikul Islam	Comprehensive Review for Rice Blast Disease Using Deep Transfer Learning
1243-SEMIT2025	Kumar Rahul; Shraddha Verma; Charu Sood; Anushka Raj Yadav; Shubneet; Subhash Kumar Verma	A Privacy-Preserving and Explainable Machine Learning Model for Student Performance Prediction in Virtual Environments

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Friday, 12.09.2025 Time: 10:45-12:15	Session Code: SP10	Room 2 , link: https://zoom.us/j/9754498345?pwd=ZLplbb4n8Im15sk0TYKeKioyN6EYkc.1&omn=95025242612 Host: Mert Eyüboğlu and Dr. Gül Uslu
Title: <i>“Data-Driven and Multi-Criteria Approaches for Sustainable and Safe Systems”</i>		
Panel Chair: Dr. Aybike Özyüksel Çiftçioğlu , Department of Civil Engineering, Manisa Celal Bayar University, Türkiye Dr. Soheyl Khalilpourazari , Department of Mechanical, Industrial and Aerospace Engineering, Concordia University, Montreal, Canada		
Paper Code	Authors	Paper Title
1234-SEMIT2025	Aybike Özyüksel Çiftçioğlu; M.Z. Naser	Data-Driven Assessment of Carbon Footprint in Concrete Mix Proportions: A Machine Learning Approach
1254-SEMIT2025	Tuba Irmak	Machine Learning-Based Multi-Class Classification of Physiological Signals from WESAD Dataset for Stress and Affective State Detection
1005-SEMIT2025	Furkan Güngör; Cansu Bozkurt; Mahmut Firat	Okullarda Su Verimliliğinin Sağlanması için Eğitim ve Kapasite Geliştirme Bileşenlerinin FUCOM Yöntemi ile Analizi
1006-SEMIT2025	Furkan Güngör; Cansu Bozkurt; Mahmut Firat	Su Tasarrufu Amacıyla Okullarda Denetim, Kontrol ve Bakım Bileşenlerinin FUCOM Yöntemi ile Değerlendirilmesi
1150-SEMIT2025	Mustafa Kemal Özbilger; İbrahim Yılmaz; Ergün Eraslan	Evaluation of Occupational Health and Safety Law Legislation Applications in the Construction Sector with Multi-Criteria Decision Making Methods
1151-SEMIT2025	Vecdi Osmanoğlu; İbrahim Yılmaz; Ergün Eraslan	A Multi-Criteria Decision-Making Approach to Evaluating Occupational Health and Safety Legislation Practices in the Aviation Sector
1250-SEMIT2025	Zeynep Beril Ersoy; Okan Fıstıkoğlu; Umut Okkan	Kavramsal Hidrolojik Model Kalibrasyonunda Evrimsel Algoritmaların Yakınsama Performansı: Amaç Fonksiyonu Çağrılarının Sayısının Etkisi

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Friday, 12.09.2025 Time: 10:45-11:30	Workshop	Room 3, link: https://zoom.us/j/3963123956?pwd=WTJ0M3ZpaG5KcC9yaFRkQW1uMUUpdz09&omn=97732624718 Host: Abdulrahim Taha Küçüköner and Vildan Tezcan
Title: <p style="text-align: center;"><i>“The Role of AI Chatbots in the Future of Work: The Impact of Chatbots on Human Social Behavior”</i></p>		
Speaker: Dr. Meenakshi Kaushik , Tecnia Institute of Advanced Studies, GGSIPU (Guru Gobind Singh Indraprastha University)		
Abstract: <p>As AI chatbots are increasingly integrating into our professional ecosystems, they are fundamentally reshaping not just how we work, but how we interact with one another in workplace settings. This workshop explores the dual transformation occurring as chatbots become our digital colleagues—while they enhance productivity and streamline communication, they simultaneously influence our social dynamics, emotional intelligence, and interpersonal skills. Dr. Meenakshi Kaushik will guide participants through examining how prolonged interaction with AI systems affects our capacity for human empathy, the evolution of workplace communication patterns, and the critical balance between leveraging AI efficiency while preserving the irreplaceable value of human connection in collaborative environments. Participants will gain insights into navigating this new landscape where the boundaries between human and artificial interaction continue to blur, preparing them to harness AI's potential while safeguarding the essential human elements that drive innovation and meaningful work relationships.</p>		

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Friday, 12.09.2025 Time: 11:30-12:15	Workshop	Room 3, link: https://zoom.us/j/3963123956?pwd=WTJ0M3ZpaG5KcC9yaFRkQW1uMUUpPdz09&omn=97732624718 Host: Abdulrahim Taha Küçüköner and Vildan Tezcan
Title: <p style="text-align: center;"><i>“Artificial Intelligent Agents as Digital Co-Workers: Collaboration Between Humans and Machines”</i></p>		
Speaker: Dr. Kaveri C S., Department of Management Sciences, Tecnia Institute of Advanced Studies, India Dr. S.Saiganesh, School of Commerce & Management, Dayananda Sagar University, India		
Abstract: <p>A new era of hybrid work is about to begin, in which companies will connect humans and AI agents as co-workers rather than just combining remote and in-person employees. Unlike today’s popular Gen AI tools, these AI agents will be able to make and act on decisions on their own without the need for extensive user input. For instance, they will be able to understand context, adjust quickly to new information, come up with ideas on their own, and even collaborate with human co-workers to complete challenging and diverse tasks. AI agents will soon be able to work alongside humans as real co-workers, not just to supplement them. These hybrid teams promise to open up new avenues for competitive advantage that go far beyond small increases in productivity by fusing human and artificial intelligence skills. This impending change also necessitates careful leadership to strike a balance between AI technologies and human labor to optimize each distinct advantage. This workshop will aim and highlight how AI agents are going to become digital co-workers to humans, with the help of AI how humans are going to use AI to get the best out of it at the same time how careful leadership can strike a balance between machines and humans in various business activities.</p>		

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Friday, 12.09.2025 Time: 9:00-10:30	Session Code: SP15	Room 4 , link: https://zoom.us/j/8087670437?pwd=ZDB5NXNMaUIDVERwOUkzcnRzenJPUT09&omn=91428905374 Host: Alperen Öncel and Şafak Kağar
Title: <i>“Artificial Intelligence and Digitalization for Sustainable and Resilient Societal Systems”</i>		
Panel Chair: Dr. Mohsen Akbarpour Shirazi Amirkabir University of Technology, Iran		
Paper Code	Authors	Paper Title
1065-SEMIT2025	Moein Attar	Effects of an Electrostatic Screen Between LV & HV windings of a Transformer used in SPVPP on Harmonics
1225-SEMIT2025	Osman Cayli; Atınç Yılmaz	Design and Implementation of a Personalized AI-Powered Well-Being Assistant
1229-SEMIT2025	Osman Cayli	A Next-Generation AI-Enhanced Scheduling and Resource Optimization Framework for Educational Institutions: Leveraging LLMs and Intelligent Forecasting in Dynamic Learning Environments
1278-SEMIT2025	Mohammad Mehdi Namdar Joybari; Saeid Rezaei	Harnessing Artificial Intelligence for Predicting, Evaluating, and Shaping Public Policies: Toward Enhanced Social Resilience
1263-SEMIT2025	Maryna Gorobei; Oleksandr Bondar	Digitalisation for smart and climate-neutral cities: the case of Ukraine

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Friday, 12.09.2025 Time: 13:30-15:00	Session Code: SP05	Room 1, link: https://us04web.zoom.us/j/3882300602?pwd=urxoazDY6DsFbhBRsgYT8mhqzUwkuR.1&omn=74910183672 Host: Leila Chehrehgani and Ahmet Süha Hancıoğlu
Title: <i>“Machine Learning and Information Technology in Advancing Health, Business, and Environment”</i>		
Panel Chairs: Dr. Ali Asghar Rahmani Hosseinabadi , Department of Computer Science, University of Regina, Canada Dr. Seyedsaeid Mirkamali , Department of Computer Engineering and IT, Payame Noor University, Iran Dr. Mandana Mahmoudjanlou , Department of Psychology Mazandaran Institute of Technology, Iran Dr. Navid Naghsh , Department of Pharmacy, Shahid Sadoughi University of Medical Sciences, Iran		
Paper Code	Authors	Paper Title
1145-SEMIT2025	Maryam Mardani; Sara Mardani; Ali Asghar Rahmani Hosseinabadi	Human Papillomavirus Detection using Novel Machine Learning Algorithm Based on Cytology Images
1188-SEMIT2025	Masud Ibrahim	The Influence of Digital Transformation on Customer Loyalty in the Banking Sector: The Mediating Role of Customer Experience
1190-SEMIT2025	Rajesh Ranjan; Rashmi Singh; Saumya Tripathi	Role of Information Technology in Advancing Sustainability in India: A Case Study Analysis
1202-SEMIT2025	Jan Francisti; Zoltán Balogh; Kristián Fodor	Smartwatch-Based Heart Rate Tracking
1135-SEMIT2025	Parisa Khosravi; Cosimo D’Aiello	Enhancing Wine Fermentation: The Role of AI-Driven Predictive Modeling in Flavor Optimization
1281-SEMIT2025	Citizen-Centered Efficiency Assessment of European Smart Cities: A DEA Perspective	Ivana Marjanović; Jelena Stanković

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Friday, 12.09.2025 Time: 13:30-15:00	Session Code: SP13	Room 2, link: https://zoom.us/j/9754498345?pwd=ZLplbb4n8Im15sk0TYKeKioyN6EYkc.1&omn=95025242612 Host: Mert Eyüboğlu and Dr. Gül Uslu
Title: <i>“Industry 4.0, Supply Chain 4.0, and Logistics 4.0”</i>		
Panel Chairs: Prof. Vijay Kumar Gahlawat , Department of Interdisciplinary Sciences, NIFTEM-K, India Dr. Kumar Rahul , Department of Interdisciplinary Sciences, NIFTEM-K, India Dr. Mohit Malik , School of Business Management, Noida International University, India		
Paper Code	Authors	Paper Title
1038-SEMIT2025	Larysa Savchenko; Karyna Safian; Olha Sozoni-uk; Iryna Palshkova; Svitlana Lisova	Integration of ISO Standards into the Educational Process of Training Teachers of Vocational (Professional and Technical) Education in Transport while Designing Logistics Systems
1133-SEMIT2025	Oleksandr Humennyi; Serhii Kubitsky; and Yuriy Ku-bitskyy	Smart Complexes in Engineering Education: A Postmodernist Approach to the Digital Learning Environment
1197-SEMIT2025	Abu kausar; Kishon kumar pasi; Mohidul Islam; Nushrat Jahan Bristi; Abu Shahed Shah Md Nazmul Arefin; Md. Salah Uddin	Cloud-Based Multi-Langual License Plate Recognition Using YOLO and OCR
1198-SEMIT2025	Erfan Kajabadi; Alireza Goli; Maryam Johari	A Framework for Blockchain-Enabled Sustainable Supply Chain
1237-SEMIT2025	Mohit Malik; Vijay Kumar Gahlawat	Revolutionizing Dairy Sustainability with Digital Technologies and Circular Economy Practices
1214-SEMIT2025	Maida Hassan Malik; Eveth N. Nwobodo-Anyadiegwu	Assessing the Adoption and Utilisation of the 4IR Technologies in South African Higher Education Institutions: An Empirical Study

Date: Friday, 12.09.2025 Time: 13:30-15:00	Session Code: SP14	Room 3 , link: https://zoom.us/j/3963123956?pwd=WTJ0M3ZpaG5KcC9yaFRkQWluMUUpdz09&omn=97732624718 Host: Abdulrahim Taha Küçüköner and Vildan Tezcan
Title: <i>“Decision-Making and Support Systems in an Uncertain Environment”</i>		
Panel Chair: Dr. Saeid Rezaei , Arak University, Iran		
Paper Code	Authors	Paper Title
1192-SEMIT2025	Nihan Çağlayan; İbrahim Yılmaz; Babek Errdebili	Hybrid MCDM Model for Evaluating Sustainable Logistic Village in Türkiye on Economic Perspective
1201-SEMIT2025	Andrij Fokin; Oksana Nechai; Igor Nechai	Modeling Changes in Resource Value of Biocenoses Under the Impact of Local Catastrophes Caused by Military Actions
1218-SEMIT2025	İclal Bağcı; Paria Jabbari; Kemal Subulan; Adil Baykasoğlu; Şeyda Ayşe Yıldız	A Dynamic Capability-Based Part Flow Assignment Problem with a Multi-Stage Stochastic Programming Approach
1221-SEMIT2025	Paria Jabbari; İclal Bağcı; Kemal Subulan; Adil Baykasoğlu; Şeyda Ayşe Yıldız	Fuzzy Inner Approximation Approach to an Unequal-Area Facility Layout Design Problem with Fuzzy Department Areas
1235-SEMIT2025	Kubra Ozdemirci; Babek Erdebili	Performance Evaluation with Mamdani Type Fuzzy Inference System

Date: Friday, 12.09.2025 Time: 15:35-16:20	Keynote Speech	Room 1, link: https://us04web.zoom.us/j/3882300602?pwd=urxoazDY6DsFbhBRsgYT8mhqzUwkuR.1&omn=74910183672 Host: Leila Chehrehgani and Ahmet Süha Hancıoğlu
Title: <p style="text-align: center;"><i>“Ranking Models in Data Envelopment Analysis: Theory and Practice”</i></p>		
Keynote Speaker: Prof. Josef Jablonsky , Prague University of Economics and Business, Czech Republic		
Abstract: <p>Data envelopment analysis (DEA) is a non-parametric technique for evaluation of relative efficiency of decision making units (DMUs) described by multiple inputs and outputs. It is based on solving linear programming problems. Since 1978 when basic DEA model was introduced many its modifications were formulated. Multi-stage DEA models with serial or parallel structure, multi-period DEA models, inter-temporal models and integer DEA models belong among the most important ones. DEA models usually split DMUs into two basic groups, efficient and inefficient. Efficiency score of inefficient units allows their ranking but efficient units cannot be ranked directly because of their maximum identical efficiency scores. There were introduced various models for ranking of efficient DMUs in the past and the research in this field is not finished yet. Ranking models are based on different methodological principles – super-efficiency models, cross efficiency evaluation, pessimistic and optimistic models, goal programming, and others. The aim of this paper is to summarize main approaches for ranking of DMUs in several classes of DEA models (traditional models, network models, multi-period models). In addition, the study introduces an original optimization-based aggregation procedure for deriving a final ranking of units from several particular rankings, The results are illustrated on several real cases – efficiency evaluation of faculties, ranking of scientific journals, and evaluation of bank branches Numerical experiments are performed using own procedures written in LINGO modelling language.</p>		

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Friday, 12.09.2025 Time: 15:15-16:15		Room 1, link: https://us04web.zoom.us/j/3882300602?pwd=urxoazDY6DsFbhBRsgYT8mhqzUwkuR.1&omn=74910183672 Host: Leila Chehreghani and Ahmet Süha Hancioğlu	
Closing Ceremony			
#	Title	Time	Duration (minutes)
1	Closing Presentation	15:15-15:20	5
2	SEMIT 2025 Clip	15:20-15:25	5
3	Prof. Babek Erdebilli (Conference Chair)	15:25-15:35	10
4	Keynote Speech, Prof. Josef Jablonsky (Prague University of Economics and Business, Czech Republic)	15:35-16:20	45
5	Closing Remarks, Prof. Mete Gundogan (Head of Department of Industrial Engineering, AYBU)	16:20-16:30	10
6	Appreciation	16:30-16:40	10
7	SEMIT 2025 Group Photo	16:40-16:45	5

International Conference on Science, Engineering Management and IT (SEMIT 2025)
Sep. 11-13, 2025, Dubai, Hybrid Event
<https://semit2025.refconf.com/>

Date: Saturday, 13.09.2025 Time: 16:00-19:00
<i>Dessert Tour</i>
Title
Pick up- Drop off
Dune Bash
Sand Boarding
Open Buffet Dinner with Live Entertainment Shows
Soft Drinks
Henna Tattoo for Ladies
Shisha Corner
Camel Ride