

# ACIT'2024



IEEE

## 25<sup>th</sup> International Arab Conference on Information Technology Zarqa University, Jordan, December 10-12, 2024

### ACIT24: CONFERENCE PROGRAM

Conference Day 1 Tuesday 10-12-2024	
08:00-10:00	Registration (Conference Hall)
10:00-10:45	Opening Ceremony (Conference Hall)
10:45-11:30	Coffee Break (Presidential Building Lobby)
11:30-12:30	Plenary 1 (Conference Hall) <b>Keynote Speaker:</b> Prof. Reda Alhaj, School of Computing, University of Galgary, Canada.
12:30-14:00	<b>4 Parallel Sessions:</b> • <b>Session-1.1:</b> Computer Networks (A128 (IT Hall)) <b>Chair:</b> Dr. Qassem Al-Radaideh <b>Co-Chair:</b> Fatima Haymor - <b>46:</b> Improving WebRTC Quality-of-Service Using SDN and a Load Balancing Strategy. (Monji Kherallah) - <b>140:</b> State of the Art in Auto Electrification. (Adnan Shaot) - <b>190:</b> Fractional Fourier Transform-Based OFDM System with low complexity equalizer for Underwater Acoustic Communications. (Hani Attar) - <b>191:</b> Simulating a Finite State Markov Chain for Rayleigh Block Fading Channel based on its Mathematical Model and Practical Representation. (Hani Attar) - <b>192:</b> Enhancing Wireless Communication with Compact SIW Resonator-based UWB Fork Monopole Antenna. (Hani Attar) - <b>203:</b> Real-Time VPN Anomaly Detection System. (Amneh Alamlah) - <b>224:</b> A Comprehensive Review of VANET Attacks Predictive Models Vulnerability Management and Defense Selection. (Abeer Al-Mohtaseb) - <b>230:</b> Real-time vehicle detection and classification using deep-transfer learning. (Kenza Bengoud)

• **Session-1.2: AI and Image Processing (Lib-104)**

Chair: Dr. Osama Badawi

Co-Chair: Isra' Abu ALSauod

- **102:** Evaluation of Three Different Operators for Object Highlighting in Medical RGB Images Canny Roberts and Log in Independent Color Spaces. (Jafar Ababneh)
- **124:** Facial Recognition Utilizing the CLM Model and Supervised Machine Learning a Comparative Analysis. (Musab Iqtait)
- **159:** Filling the Gaps: A Comprehensive Review of Image Inpainting. (Tuqa Saleem)
- **171:** Intelligent System for Classifying of Acoustic Endoscopic Images of the Pancreas Based the Analysis of Walsh Spectra of Local Windows. (Ashraf Shaqadan)
- **182:** Leveraging Knowledge Distillation in Vision Transformers for Binary Classification of Kidney Tumors from CT Radiography Images. (Monji Kherallah)
- **196:** From Monochrome to Technicolor: A Comprehensive Review of Video Colorization. (Zahoor M. Aydam)
- **231:** Criteria-based Unsupervised Feature Selection Techniques: A Comparative Study Over Chest CT Scan. (Shrouq AL-Daajah)

• **Session-1.3: Natural Language Processing (Lib1-106)**

Chair: Dr. Mohammad Al-Bitar

Co-Chair: Ula Nassr

- **32:** Correlation-Driven Feature Selection and Penalty-Enhanced Autoencoder for Dimensionality Reduction. (Bilal Mokhtari)
- **202:** A Comparative Evaluation of Retrieval-Augmented Generation for Arabic Documents. (Bassam Mohd)
- **233:** Enhanced Arabic Feature Selection using an Improved Whale Optimization Algorithm. (Hadni Meryeme)
- **237:** Detecting Spam and Malware Using BERT and LLMs. (Shahad Al-Tamimi)
- **245:** Unveiling Deception: Different Strategies for Combatting Arabic Fake News. (Nada Khattab)
- **260:** Semantic Textual Similarity (STS) in Arabic using Lexical-Semantic Analysis. (Nedhal A. Al-saiyd, Intisar A. Al-saiyd)
- **287:** A Review study on Utilizing Deep Learning in Arabic Text Classification. (Qutaibah Althebyan)

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	<ul style="list-style-type: none"><li>• <b>Session-1.4:</b> IT in Education, e-Learning, and Health Care (A239 (Arts Hall))</li></ul> <p>Chair: Dr. Ahmad Dalalah Co-Chair: Muna AL-Qawaqneh</p> <ul style="list-style-type: none"><li>- 13: Classifying Psychiatric Patients Using Machine Learning. (Waleed Amer)</li><li>- 14: Diabetes Prediction Using Machine Learning Techniques: A Case Study from Jordan. (Deana Al-Omari)</li><li>- 87: Escape Rooms and E-Learning Unite for Smart Cities Education Entertainment. (Raghad Tawafak)</li><li>- 119: Predicting Students' Performance using Machine Learning Classifiers. (Gheed AlSalem)</li><li>- 164: Retinal Blood Vessels Segmentation Using Classical Edge Detection Filters and the Watershed. (Huda Dhari)</li><li>- 209: Evaluating the Impact of Multi-Layer Data on Machine Learning Classifiers for Predicting Student Academic Performance. (Mohammad AlShaikh hasan)</li><li>- 289: Exploring Digital Twins in Higher Education: Redefining Educational Technology in Jordanian Universities. (Mohammad AL-Abdallat)</li><li>- 269: Sustainability in Three Dimensions. (Aktham Alarabi)</li></ul>
14:00-15:00	<b>Lunch Break</b>
15:00-16:30	<p><b>4 Parallel Sessions</b></p> <ul style="list-style-type: none"><li>• <b>Session-1.5:</b> Embedded Systems, IoT, and security (A128 (IT Hall))</li></ul> <p>Chair: Dr. Hani Harb Co-Chair: Amira Al-doghmi</p> <ul style="list-style-type: none"><li>- 7: Hardware Embedded Fingerprinting Based on Electric Noise. (Adnan Shaout)</li><li>- 10: Proactive Insider Threat Detection Using Facial and Behavioral Biometrics. (Ayoub AL-Sarhan)</li><li>- 18: An Intelligent Embedded Alcohol Detection System for Drivers. (Adnan Shaout)</li><li>- 31: Theft Alarm and Notification System for Medical Applications. (Adnan Shaout)</li><li>- 57: VSK A Tripartite Development Model based on the V-Model the Scrum and the Kanban Methodologies. (Adnan Shaout)</li><li>- 75: IoT security based on lightweight cryptographic (LWC) algorithms: A survey. (Mohammad AL-Mousa)</li><li>- 116: A Multi-Rounds Lightweight Cryptography Method for Internet of Things Devices. (Mohammad Al-Mousa)</li><li>- 201: Security Risk Assessment of Humanoid Robotics: DARWIN-OP2 as Case Study. (Bassam Mohd)</li></ul>

• **Session-1.6:** Cyber Security (Lib-104)

Chair: Dr. Mohammad Jaidi

Co-Chair: Ala'a AL-Dhathim

- 22: Machine Learning as the Shield: Mitigating ARP Poisoning Attacks in - Software Defined Networks. (Rabee Alquran)
- 69: Harnessing ML and NLP for Enhanced Cybersecurity: A Comprehensive Approach for Phishing Email Detection. (Rabee Alquran)
- 79: An Overview of Tools and Techniques in Network Forensics. (hasan Al-Dweikat)
- 81: Main Confidentiality Challenges in Network Security: A Literature Review. (Waleed Amer)
- 195: Enhancing Printed Document Security with QR Code-Based Digital Signatures. (Jehad Nasereddin)
- 204: AI-enabled Metaheuristic Optimization to Prevent Selfish Mining Attacks in the Blockchain Mining Process. (Osama Badawy)
- 211: A Blockchain-Based Framework for Efficient and Secure E-Certification Sharing and Verification. (Suhail Odeh)
- 217: Comparative Steganography Study for Different Types of Digital Images. (Yusra ALNajjar)

• **Session-1.7:** Machine Learning Applications (1) (Lib-106)

Chair: Dr. Sattam Al-Matarneh

Co-Chair: Deana AL-Omari

- 15: Heart Prediction Using Machine Learning Techniques: A Case Study from Jordan. (Esraa Abu Elsoud)
- 16: Classification of Sleep-Related Disorders Using Machine Learning Techniques. (Ola Nasir)
- 24: Utilization of Machine Learning in Breast Cancer Detection. (Nidal Yosuf)
- 35: Application of Machine Learning in Mental Diseases Diagnosis. (Rahaf Alsawi)
- 103: Automated Detection of Alzheimer Disease Using EfficientNet-B3 Architecture with Transfer Learning (Ahmad Aburomman)
- 174: Innovative Machine Learning Solutions for Automated Kidney Tumor Detection in CT Imaging Through Comparative Analysis. (Saleh Oqili)
- 271: Enhancing Convergence Efficiency in Federated Learning Models. (Ala' Elhilo)

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	<p>• <b>Session-1.8:</b> IT and Engineering (A239 (Arts Hall))  <b>Chair:</b> Dr. Thiab Taha  <b>Co-Chair:</b> Ahad Izzat</p> <ul style="list-style-type: none"> <li>- 30: Controlling DC Motor Speed with FoPID-Controllers. (Rania Saadeh)</li> <li>- 52: Carbon Dioxide Emission Forecasting using Machine Learning and Time Series Statistical Models. (Khalid Mansour)</li> <li>- 95: An Empirical Study on Measuring the Impact of Code Smells on Web Applications. (Hamed Fawareh)</li> <li>- 106: Intelligent Farm Irrigation and Safety System. (Adnan Al-Smadi)</li> <li>- 129: Research into the accuracy of complex sensorimotor responses of operators to joystick-run technological equipment. (Ilya Tanryverdiev)</li> <li>- 177: Feature Selection for Geomagnetic Storm Forecasting Using Particle Swarm Optimization. (Jafar Ababneh)</li> <li>- 212: Analyzing Chaotic Jerk System with Hyperbolic Sine: a new algorithm for Engineering Applications. (Ahmed Qazza)</li> </ul>
15:00-16:00	<b>CCIS General Committee Meeting</b> (Presidential Building - Meeting Hall)

## Conference Day 2    Wednesday 11-12-2024

09:30-10:30	<p><b>Plenary 2</b> (Conference Hall).  <b>Keynote Speaker:</b> Prof. Alaa Sheta, Southern Connecticut State University          Computer Science Department in New Haven, CT, USA.</p>
10:30-11:00	<b>Coffee Break</b> (Presidential Building Lobby).
11:00-12:30	<p><b>4 Parallel Sessions:</b></p> <p>• <b>Session-2.1:</b> IT in Business and Health Care (A128 (IT Hall))  <b>Chair:</b> Dr. Raed Al-Azaideh  <b>Co-Chair:</b> Fatima Haymor</p> <ul style="list-style-type: none"> <li>- 147: A Proposed Approach for Risk Planning and Management. (Mohammed Alrefai)</li> <li>- 173: The Impact of Artificial Intelligence Tools on the Quality of Financial Reports in Service Companies. (Abdul Razzak ALSehadeh)</li> <li>- 234: Evolutionary Insulin Management: A Digital Health Solutions for Type 1 Diabetes Support. (Randa Salman)</li> <li>- 276: Blockchain Role in Emerging Markets. (Ahmad Bani Ahmad).</li> <li>- 278: From Insights to Impact. (Mahmoud Allahham)</li> <li>- 279: From Interaction to Action. (Mahmoud Allahham)</li> <li>- 280: Smart Logistics Services. (Wasef Almajali)</li> <li>- 282: Supply Chain Innovation on Acceleration Decision Making. (Samar Sabra)</li> </ul>

• **Session-2.2:** AI and Optimization (Lib-104)

Chair: Dr. Alaa' Al-Shaikh

Co-Chair: Hanadi Bani Hamad

- **34:** Multi Label Classification Based on Ensemble Learning: Investigave Study. (ola Nasir)
- **84:** Multi Label Classification Algorithm Based on Conditional Local Correlations among Labels and Ensemble Learning. (Raed Alazaideh)
- **131:** Optimizing Exit Selection in Dense Crowds: A Probabilistic Model with Dynamic Counting Areas. (Omar Alidmat)
- **232:** Evaluation of Chest Ct-Scan Anomaly Detection Models Using Principal Component Analysis (PCA). (Alaa AL-Yabroudi)
- **210:** Energy-Efficient Parallel Approach for Cloud Service Broker Scheduling. (Hebatullah Khattab)
- **112:** Offline signature verification using lightweight deep learning. (Fatima Al-hadidi)

• **Session-2.3:** Blockchain (Lib-106)

Chair: Dr. Mohammad AL-Mousa

Co-Chair: Muna Alqawaqneh

- **114:** Cloud Security: Analyzing Threats and Challenges. (Sultan Albilasi)
- **161:** The power of Network penetration testing. (Loai Attiany)
- **183:** Usage of Blockchain Technology for Improving Computer Security. (Adai AL-Momani)
- **250:** Leveraging Blockchain for Ethical Sourcing and Sustainability in Supply Chains: A Systematic Review. (Hatem Mosa)
- **132:** Enhanced Dynamic Parameter Model for Efficient Multi-Exit Crowd Evacuation in Asymmetrical Layouts. (Omar Alidmat)
- **148:** Bridging Machine Learning and Formal Concept Analysis for Effective Crowd Detection. (Karim A. Al-Oraiqat)
- **254:** Fingerprint Authentication Method using Two Steps Verification Algorithm. (Jafar Ababneh)

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	<ul style="list-style-type: none"><li>• <b>Session-2.4:</b> Software Engineering (A239 (Arts Hall)) Chair: Dr. Ahmad Samhan Co-Chair: Alaa Asa'ad<ul style="list-style-type: none"><li>- 12: Prediction of Hypertension Disease Using Machine Learning Techniques: Case Study from Jordan. (Anwar Katrawi)</li><li>- 86: Towards Combining Model Driven Engineering and Software Product Line Engineering Based on Variability. (Mohamed Salah Benselim)</li><li>- 105: Software Code De-Compilation Techniques and Approaches: A Comparative Study. (Hamed Fawareh)</li><li>- 128: A Comparative Study between Agile and Waterfall Methodologies During Software Development Process. (Hamed Fawareh)</li><li>- 138: Investigates the Impact of AI-generated Code Tools on Software Readability Code Quality Factor. (Hazem AL-Shaifat)</li><li>- 236: Ethical Considerations in AI-Driven HCI Systems in Software Engineering. (Hamzeh Aljawawdeh)</li><li>- 247: A Comparative Analysis of Goal-Oriented Requirements Engineering and Model-Based Systems Engineering Frameworks for Managing Requirements of Systems of Systems. (Suhair AlHaj Hassan)</li><li>- 267: A Review of AI-Assisted Impact Analysis for Software Requirements Change. (Suhair AlHaj Hassan)</li></ul></li></ul>
11:00-12:30	<b>ACIT Steering Committee Meeting</b> (Presidential Building - Meeting Hall)
12:30-14:00	<b>4 Parallel Sessions:</b> <ul style="list-style-type: none"><li>• <b>Session-2.5:</b> High-Performance Computing (A128 (IT Hall)) Chair: Dr. Ahmad Al-Qerm Co-Chair: Shrouq AL-Daajah<ul style="list-style-type: none"><li>- 60: Application of Big Data Analytics in Hashemite Kingdom of Jordan: Perspectives on the Mobile Telecommunications Industry. (Hazem Badarneh)</li><li>- 93: Tiny Bootloader. (Adnan Shaout)</li><li>- 118: (VR) Applying Extended Reality Technology in Teaching New Languages A Study from Academics Perspective in Australian Universities. (Noura Tegoan)</li><li>- 143: Maximize Leader Election Algorithm Performance in Bi-Directional Ring Networks With Both Links Down Between Two Nodes. (Mohammed Alrefai)</li><li>- 162: Advanced Machine Learning Models for Real-Time Drone and Bird Differentiation in Aerial Surveillance Systems. (Mowafaq AL-Zboon)</li><li>- 239: Heavy-Tailed Distributions: Their Impact on Noncontiguous Allocation and Job Scheduling in 2D Mesh NoCs. (Batool Alzyod)</li></ul></li></ul>

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	<p>• <b>Session-2.6:</b> IT in Law and Legal Issues (Lib-104) Chair: Dr. Nidal Yousef Co-Chair: Isra'Abu ALSauod</p> <ul style="list-style-type: none"><li>- 76: Using Artificial Intelligence Techniques in Law Enforcement: A Survey. (Esam AL-Nsour)</li><li>- 85: Breaking Bad: Ranking Bots Malevolence in Twitter. (Noor Abu-el-rub)</li><li>- 113: Digital Evidence and Forensic Tools in Cyber Law: A Comprehensive Analysis. (Samah Al-Zou'bi)</li><li>- 134: The Values of Digital Citizenship Among Social Media Users in Jordan: A Case Study of Facebook. (Luma Abdul Razzak)</li><li>- 216: Guidelines to Develop a Cybersecurity Policy in Schools: Perspectives Informed from Jordanian Cybercrime Law. (Ahmad Ghandour)</li><li>- 277: Building Trust : The Role of Strategic Decision-Making in Digital Market Confidence. (Ahmad Ayasrah)</li></ul>
12:30-14:00	<p>• <b>Session-2.7:</b> Deep Learning applications (Lib-106) Chair: Dr. Israa AL-hinawi Co-Chair: Deana AL-Omari</p> <ul style="list-style-type: none"><li>- 38: Enhanced accuracy of deep learning method for fruit classification. (Ahmad Aburomman)</li><li>- 49: Deep Learning content-based search in media files. (Leila Benarous)</li><li>- 137: Deepfake Video Detection: Analysis for Deep Learning models using Transfer Learning. (Shahad Al-Tamimi)</li><li>- 167: Review of Challenges of Using Generative AI Applications in Electronic Commerce (Mostafa Al-Shaikh)</li><li>- 207: Diabetic Retinopathy Detection and Classification Using Deep-wavelet and multiple classifiers. (Huda Dhari)</li><li>- 272: Unveiling Android Malware: A Deep Learning Perspective Using RNN and LSTM. (Ali Abu Zaid)</li><li>- 223: Deep Learning Approaches for Malware Detection in the Industrial Internet of Things: A Comprehensive Analysis. (Abeer Al-Mohtaseb)</li></ul>



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	<p>• <b>Session-2.8:</b> Machine Learning Applications(2) (A239 (Arts Hall)) Chair: Dr. Nabil AL-Milli Co-Chair: Alaa AL-Yabroudi</p> <ul style="list-style-type: none"><li>- 135: Machine Learning in Higher Education: Predicting and Mitigating Student Dropout at Ajman University. (Mohammed AlBetar)</li><li>- 176: Automatic Diagnosis of Sarcoidosis Stage Using Machine Learning Algorithms. (Jafar Ababneh)</li><li>- 194: multiclass classification algorithm for ocular diseases classification using machine learning techniques. (Mennatallah Sherif)</li><li>- 242: Advancing Stroke Prediction: Explainable Machine Learning Models and Data Augmentation Strategies. (Rahma Abu Salma)</li><li>- 244: Detection of Thyroid Disease Through Machine Learning Technique. (Mutaz AlMomani)</li><li>- 261: Machine Learning Approaches for Early Detection of Heart Diseases. (Hanadi Bani Hamad)</li><li>- 288: Solar Panel Soiling Classification Using Machine Learning Algorithms. (Ala' Khalifeh)</li></ul>
14:30	Gala Lunch

## Conference Day 3 Thursday 12-12-2024

Leaving at 09:30	Trip to the Dead Sea
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## ACIT24: CONFERENCE PROGRAM – Online Sessions

Conference Day 1 Tuesday 10-12-2024

11:30-13:30

**Session-A:**

Chair: Dr. Hani Omar

Co-Chair: Dr. Qutada Al-Jawazneh

- 2: Explainable AI for Epileptic Seizure Prediction: A SHAPE and LIME Approach. (Sohag Mondal)
- 3: Transformer-based Text Classification on Unified Bangla Multi-class Emotion Corpus. (Md Sakib Ullah Sourav)
- 4: Continuous Wavelet Transform Spectral Image-Based Epileptic Episode Classification. (Md Nuhi Alamin)
- 11: Securing the Internet of Vehicles IoV Communications: A Biometric and Hash-Key Derivation Function HKDF-Based Approach. (Hanay Almomani)
- 25: A Novel Electrocardiogram Denoising Approach based on convex fused-Lasso Denoising with Non-Convex Regularization and WATV. (Brahim Nasraoui)
- 54: Future IoT sensing: Silvaco simulation of graphene-gated p-i-n photosensor on SOI for blue and ultraviolet light. (Shonak Bansal)
- 63: Hybrid ResNet-ViT Model for Lung Cancer Classification from Histopathology Images. (Naglaa noaman)
- 91: Two-Stage Dynamic Cooperative Evolution Algorithm for Constrained Multi-objective Optimization. (Jie Chen)
- 108: An Adaptive Two-Stage MOEAD for Solving Constrained Multi-Objective Problem. (Hangyu Fan)
- 45: Hybrid Diabetes Mellitus Prediction Modeling and Analysis Using Machine Learning Techniques. (Salim Khiat)

Online Session A Link: <https://bit.ly/3B4IWEK>



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14:00-16:00

**Session-B:**

Chair: Dr. Ahmad AlSmadi

Co-Chair: Shorouq Al-Daajah

- **39:** Design and Simulation of a Network Infrastructure for a Multi-Branch Organization Using Cisco Packet Tracer. (Issa Al-Aiash)
- **65:** COVID-19 Infection Detection in X-Ray Images Using Enhanced Image Segmentation and Machine Learning Models. (Rabia Al Mamlook)
- **89:** Unraveling the Safe Harbor A Crucial Balance between Liability and Expression in Social Media Networks. (Shuq Hussein)
- **90:** Legal Aspects Public Interest and Legitimate Interest in Processing Personal Data to Operate Autonomous Car. (Shuq Hussein)
- **120:** Big Data Potentials to Reduce Uncertainty in Strategic Decision-Making Process. (Zina Houhamdi)
- **144:** Optoelectronic Characteristics of Bilayer Graphene ZnO Nanowire Heterojunction UV photodetector for IoT Applications A Simulation Study. (Shonak Bansal)
- **155:** A Data-Driven Approach Towards Software Regression Testing Quality Optimization. (Abdallah Moubayed)
- **157:** Optimizing One-Stage Object Detection for URLLC: A Two-Stage Pipeline with Oculi SPU. (Abdallah Moubayed)
- **158:** A Comparative Study of Gaze Estimation Models. (Abdallah Moubayed)
- **227:** Efficient Road Status Monitoring in Vehicular Ad-Hoc Networks: An Optimization Framework. (Hussain Turki)

**Online Session B Link:** <https://bit.ly/4g3AXqi>



10:00-12:00

**Session-C:**

Chair: Dr. Hani Omar

Co-Chair: Dr. Qutada Al-Jawazneh

- **166:** Decision Support in Goal-Oriented Requirements Engineering. (Zina Houhamdi)
- **175:** Civil Liability of The Data Controller For Data Storage: A General Perspective In Light of The UAE Personal Data Protection Law. (Mustafa kndeel)
- **206:** TKG-RAG: A Retrieval-Augmented Generation Framework with Text-chunk Knowledge Graph. (Wei Xiao)
- **213:** A Sensitive Analysis for Teacher Burnout Identification using Machine Learning Method: Jordan Case Study. (Khaleel AL-Gohany)
- **215:** Smart Contract Security Vulnerability Through The NIST Cybersecurity Framework 2.0 Perspective. (Charles Gomarga)
- **219:** Enhanced Support Vectors-based Oversampling Method. (Thabit Sabbah)
- **238:** Enhancing Skin Cancer Detection Across Skin Tones with Style Transfer Augmentation. (Neil Patel)
- **246:** Automating the Diagnosis of Cucumber Plant Diseases Using Machine Learning. (Ahmad Bani Mustafa)
- **255:** Investigating Principle Component Analysis Impact on the Performance of Machine Learning Classifiers: A Health Informatics Application. (Ahmad Bani Mustafa)
- **153:** Two-Stage Archive Evolutionary Algorithm for Multimodal MultiObjective Optimization. (Zhengwei Qiao)
- **198:** A MOEAD Framework Based on Memory Differential Cooperation Mechanism for Dynamic Multiobjective Optimization. (Shaohuo Gao)

Online Session C Link: <https://bit.ly/4gcFbf4>



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12:00-14:00

**Session-D:**

Chair: Dr. Ahmad AlSmadi

Co-Chair: Ola Naser

- 152: Impact of User Innovativeness on Metaverse Adoption. (Said Salloum)
- 268: Navigating Artificial Intelligence in Strategic Management in Schools and Organizations. (Abdulrasheed Olowoselu)
- 273: The Ethical Considerations of Using Artificial Intelligence. (Abdellateef Alqwasmii)
- 275: Student Teachers' Attitudes Towards the Use of ChatGPT in Teaching. (dima farhat)
- 281: Social Media Transparency. (Musab Hijazi)
- 283: ESG Risk Management Sustainability Oriented Firms. (Mohamed elmoghrabi)
- 284: Using Monte Carlo Simulation for Real Estate Price Valuation. (Shorouq Eletter)
- 285: Building Trustworthy AI systems. (Yazzan Alahmed)
- 286: Exploring Healthcare. (Eman Zaaitoun)
- 27: Adaptive Parameter Tuning with Double Layer Genetic Algorithm for Solving TSP. (Qingxi Chen)

Online Session D Link: <https://bit.ly/3CTPvue>

