



ISAS

2024

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8th International Symposium on Innovative Approaches in Smart Technologies

6-7 December 2024, İstanbul - Türkiye

Committees

Accepted Papers

Symposium Statistics

Technical Program



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ISAS 2024

Committees

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» İsmail İşeri, Ondokuz Mayıs University, Turkey

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» Selcuk Okdem, Erciyes University, Turkey

» Serkan Aksu, Bartın University, Turkey

» Şenol Bayraktar, Recep Tayyip Erdogan University, Turkey

» Shahbaz Memon, Juelich Supercomputing Centre, Germany

» Uğur Avdan, Eskişehir Technical University, Turkey

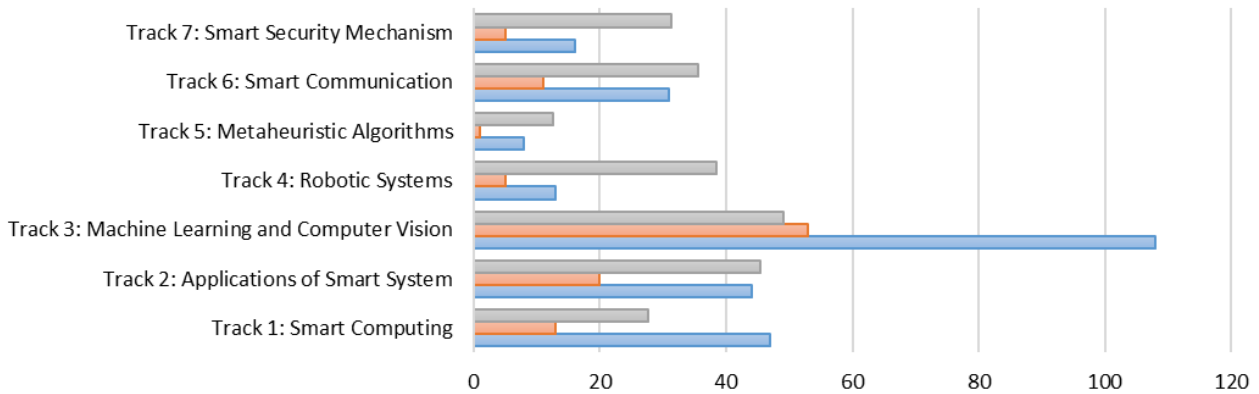
» Veli Baysal, Bartın University, Turkey

» Zafer Doğan, Tokat Gaziosmanpaşa University, Turkey

ISAS 2024 Symposium Statistics

Submissions By Topics

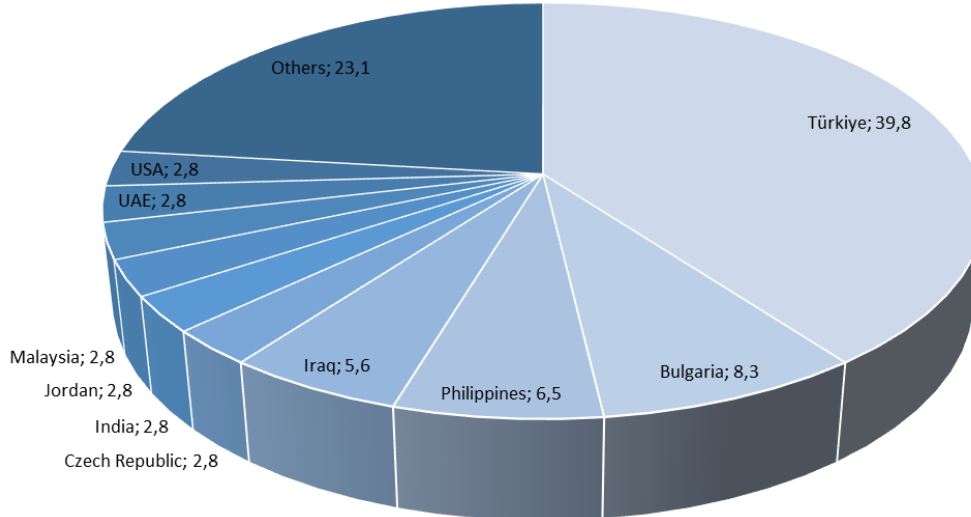
Acceptance Rate (44.45%)



	Track 1: Smart Computing	Track 2: Applications of Smart System	Track 3: Machine Learning and Computer Vision	Track 4: Robotic Systems	Track 5: Metaheuristic Algorithms	Track 6: Smart Communication	Track 7: Smart Security Mechanism
Acceptance Rate (%)	27,66	45,45	49,07	38,46	12,50	35,48	31,25
Accepted Paper Count	13	20	53	5	1	11	5
Submitted Paper Count	47	44	108	13	8	31	16

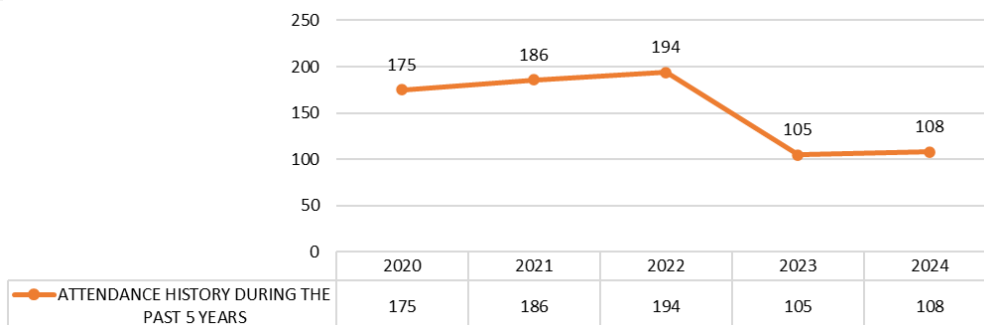
■ Acceptance Rate (%)
 ■ Accepted Paper Count
 ■ Submitted Paper Count

Top 10 Countries



Albania, Algeria, Brazil, Bulgaria, Canada, Cyprus, Czech Republic, Egypt, Germany, India, Indonesia, Iraq, Jordan, Kazakhstan, Kuwait, Lebanon, Malaysia, Montenegro, Morocco, Oman, Philippines, Portugal, Romania, Saudi Arabia, Türkiye, UAE, USA

ATTENDANCE HISTORY DURING THE PAST 5 YEARS



ISAS 2024
Accepted Papers

Title	Author(s)
A Modulo ($2^n - (2^k + 1)$) Adder Architecture for RNS-based Digital Signal Processing Applications	Ahmad Hiasat
A Novel Approach for Phobia Analysis Using EEG and ECG Physiological Signals and Artificial Intelligence(AI)	Ibrahim Kromba, Saffih Faycal
A Novel Ensemble Learning Model Using CNNs And Vision Transformers for Waste Classification	Mohamed Lamine Cisse, David Adeyinka Aderinwale, Melike Sah
A Possibility for Positional Step Control of Electric Drives with Wound Rotor Induction Motors	Mikho Mikhov, Marin Zhilevski
A Soft Sensor Approach for Cookware Classification and Temperature Estimation in Smart Domestic Induction Hobs	Hakan Altuntaş, Mehmet Selçuk Arslan
Abnormal Activity Detection using CNNs with TimeDistributed Layers	Florina Luminița Rostaş, Gabriel Oltean
Adaptive Conjugate Gradient Methods for Image Impulse Noise Removal	Basim A. Hassan, Ahmed S. Ahmed
AI-Enhanced Cybersecurity in Fluid Dynamics Simulation Software	Rafad Imad Kadhim, Saadaldeen Rashid Ahmed, Zainab T. Al-Sharify, Mohammad K. Abdul-Hussein, AL-Ibraheemi Fuqdan, Rangin Sabah Hassan, Sameer Algburi, Jungpil Shin
AI-Enhanced Techniques for Extracting Structured Data from Unstructured Public Procurement Documents	Amina Oussaleh Taoufik, Abdellah Azmani
AI-Powered Intelligent Mindfulness-Based Cognitive Therapy Companion for Emotion Recognition and Context-Aware Therapy	Carl Danniel Pajara Del Rosario, Leah Mae Deloso Fernandez, Vivien Accad Agustin, Criselle Centeno, Marilou Barsobia Mangrobang, Dan Michael Cortez
An Adaptive Penalty Factor Approach for Cost-Emission Oriented Economic Dispatch Problem using Wild Horse Optimizer	Abdulghani Aljundi, Jumana Abu-Hamad, Awos Kanan
An analytical model for multi-criteria evaluation of IoT application layer protocols	Dilyana Dimitrova
An Enhanced Conjugate Gradient Algorithm for Solving Unconstrained Optimization and Image Restoration Problems	Basim A. Hassan, Hisham M. Khudhur, Ayman W. Jasim
An Ensemble Learning Based Nuclei Segmentation: Using Base Deep Learning Models with Different Loss Functions	Serdar Yıldız, Abbas Memiş, Songül Varlı
An Integrated Hesitant Fuzzy-based SWOT Analysis for Industry 5.0 Technology Evaluation	Esin Mukul, Merve Güler
An Opportunity to Implement a Highly Efficient Battery Charging Process in an Autonomous and Grid-Connected PV - System at a Self-Moving Robotic Platform Complex	Svetlozar Zahariev
Aquila Optimizer-Based Filtered PID Controller Design For A Spark Ignition Engine Speed Control	Davut Izci, Serdar Ekinci, Raymond Ghandour, Mohammad Salman, Cebrail Turkeri
Autonomous Flight Systems and Generative AI	Ali Berkol, İdil Gökçe Demirtaş
Battery Pack Temperature Change Prediction for Running BLDC 1500 W Motor using Artificial Neural Network	Safarudin Gazali Herawan, Mohd Zaid Bin Akop
Bayesian Optimization of Passive RF Circuits	Mehmet Turan, Ahmed H. Akgiray
BINSIGHT: Waste Sorting Enhanced with Machine Learning and Reward System	Issaiah Neil T. Catacutan, Symon S. Lee, Mari Grazela P. Legarda, Diony S. Abando, Vivien A. Agustin, Ariel Antwaun Rolando C. Sison
Blockchain Based Wireless Networks: Technologies and Limitations	Ahmed Adil Mohammed Alheeti, Alaa Hamid Mohammed, Lena T. Ibrahim Federal, Sabah Ali Rahi, Aqeel Nafea Abdulateef, Mustafa Al-Khafaji
Brain Tumor Segmentation in FLAIR MRI Images Using Deep Learning Techniques	Salih A. Abdalwahab, Alaa Hamid Mohammed, Aymen Jalil Abdulelah, Ali Al-kubaisi, Saif Mohamed Baraa Al-Sabti, Marwa M. Ismaeel
Capacity Analysis of a Ridge Gap Waveguide at Millimeter Wave Regime for Future Communication Systems	Olçay Altıntaş, Miguel Navarro-Cía
Cardiovascular Disease Prediction using Machine Learning Methods	Tuğba Palabaş

Title	Author(s)
Classification of Depression, Anxiety and Stress from Handwriting and Drawing with Stacking Models	Semra Bayrak, Sedat Golgiyaz, Murat Aykut
Comparison of System Theoretic Process Analysis and Cause Tree Analysis Applied on an Autonomous Parking System from Safety of the Intended Functionality Perspective	Okan Özçetin, Pascal Brudke
Comprehensive Vulnerability Analysis and Penetration Testing Approaches in Smart City Ecosystems	Tamara Zhukabayeva, Aigul Adamova, Nurdaulet Karabayev, Yerik Mardenov, Dina Satybaldina
Corrugated Antipodal Vivaldi Antenna in a Matching Medium for Ultrawideband Breast Cancer Detection	Esranur İlhan, Ahmet Caner Gül, Onur Kurt, Semih Doğu
Crab Age Prediction using Machine Learning for Sustainable Crab Farming	Aditya Gopinath, Siddarth Nair, Aouchitya Gawande, J.Angel Arul Jothi
CycleCraft: A Web-Based Platform for 3D Bike Customization, Training, and Community Engagement	Angelica Mae A. Belo, Jeimy L. De Guzman, Dhay Vince S. Quiambao, Criselle J. Centeno, Marilou B. Mangrobang, Mark Anthony S. Mercado
Data-Secure Natural Language Interfaces to Databases via Large Language Models	Duygu Çakır, Volkan İllik, Enes Deniz, Kadir Yunus Koc
Deep Learning In Military Object Detection: An Example of The Yolo-Nas Model	Ipek Atik
Design and Optimization of a Prototype Automated Food Production Line: A Multi-Algorithm Approach	Arbnor Pajaziti, Genta Rexha, Art Beqiri, Clirimtar Sinani
Developing 244 Terengganu Scenic Drive Using Augmented Reality for Sustainable Tourism and Community Well-Being	Mutia Sobihah Abd Halim, Wan Mohamad Asyraf Wan Afthanorhan, Fadzilah Akmal Haji Ali, Ismahafezi Ismail, Shamsiah Banu Mohamad Hanefar
Development of a Conveyor Belt with a Computer Vision Module for Educational Purposes	Mihail Zagorski, Radoslav Miltchev, Nikolay Slavchev
Di-AEFA: Diversified Artificial Electric Field Algorithm for Global Numerical Optimization	Afi Kekeli Feda, Oluwatayomi Rereloluwa Adegboye, Abosede Omowumi Tibetan, Opeoluwa Seun Ojekemi, Tolga Öz, Ezgi Deniz Ülker
Diagnosis of Epileptic seizures and Hypoxic-ischemic encephalopathy using Artificial Intelligence based on EEG signal: A review	Ezzaddin Kadhim, Saif Al-jumaili, Osman Nuri Uçan
Distributed Decision-Making in Modular Drone Swarms	Mutullah Eser, Asım Egemen Yılmaz
Dual Band Rectifier Circuit Design for Wireless Power Transfer to IoT Devices	Ayşe İncesu Dokumacı, Lulu Wang, Vedat Özkaner, Muharrem Karaaslan
Dual-Band Microstrip Antenna for GPS L1 and L2 Applications	Burak Karakış, Bilal Tütüncü
Dynamic Codebook Design in Non-Coherent Short-Packet Communications Using Modulation on Conjugate-Reciprocal Zeros	Tuncay Eren
E-Commerce Trust in Saudi Arabia: An Empirical Investigation Using A/B Testing	Bandar Alkhalil, Yu Zhuang, Khalid Mursi, Ahmad Aseeri
Efficient Estimation of Sigmoid and Tanh Activation Functions for Homomorphically Encrypted Data Using Artificial Neural Networks	Mhd Raja Abou Harb, Baris Celiktas
ElHa Net: A Pattern Recognition Neural Network	Elsadig Ahmed Mohamed Babiker, Hanan Hassan Ali Adlan
End-to-end Automatic Music Transcription of Polyphonic Music Using Convolutional Neural Networks	Emin Germen, Can Karadoğan
Engagement and Effectiveness of HyFlex Learning: Insights from a Malaysian Private University	Shamsiah Banu Mohamad Hanefar, Renee Shiun Yee Chew, Mutia Sobihah Abd Halim, Mohd Hanafi Mohd Yasin
Enhancing Content-Based Image Retrieval with a Stacked Ensemble of Deep Learning Models	Abdulrahman Zeain, Abdullahi Abdu Ibrahim
Enhancing Document Security in Cloud Using Microsoft SEAL Encryption	Rrezearta Thaqi, Kamer Vishi, Blerim Rexha
Enhancing Sustainable Algal Growth and Biomass Conversion in Lebanon: Integrating Photo-bioreactors and Spray Dryer Systems.	Haytham Dbouk, Mariam Ezzeddine, Nour Dbouk, Layal Attieh, Noel Maalouf

Title	Author(s)
Environment, Social, Governance (ESG) Investment in Artificial Intelligent (AI) to Improve Power Grid focusing Peninsular Malaysia using System Dynamic	Ilham Sentosa, Amirul Daniel Sulaiman, Kamarul Nirhaqqim Nor Azri Juhari, Hairunajih Roslan, Muhamad Zulkiflee Osman
Equation tokenization for LLM data processing	Iliana Marinova, Valentin Mateev
Estimation of Optimal Time-to-Live Values for Mitigating Router Spoofing Attacks Utilizing Lasso and Ridge Regression Machine Learning Techniques	Yıldıran Yılmaz
Eternal Wayfinder: AI-Powered Navigation for Efficient Routing in Cemeteries	Criselle J. Centeno, Raymund M. Dioses, Mary Grace N. Gonzales, Andrea Kathleen D. Laurden, Annabelle L. Malicsi, John Carl Stephen M. Velasquez
Evaluation Approach for the Impact of a Gamified University Environment	Milen Sotirov, Valentina Petrova, Donika Nikolova-Sotirova
Exploring Incremental Classifiers for Predicting Student Performance Across Semesters	Ben George Ephrem, Senthilkumar R, Fatma Al-Junaibi, Zakariya Al-Shuaibi
Feasibility of Emergency Steering Function for Semi-trailer Trucks in the Presence of Actuator Limitations	Berke Konca, Mert Sever, Melih Çakmakçı
Forecasting the Profit or Loss Status of Companies using Machine Learning	Fatih Kazova, Muhammed Ahmet Alkan, Muhammet Kasım Yüksel
Gamification as a Tool for Enhancing University Students Campus Adaptation: The YUNIPPEER Application	Başar Orman, Çağla Özen
Gossip Based Consensus Algorithm for Multi-Agent Systems	Mutullah Eser, Asim Egemen Yılmaz
Harnessing CNNs and Decision Trees for Autonomous Scoliosis Diagnosis on Spinal Radiographs	Rumeysa Gulcihan Cakmak, Buse Karaman, Duygu Çakır
High-Accuracy Hand Segmentation for Palmprint Biometric Systems Improving Auto-Encoder Techniques	Kadir Yalcin, Ramazan Ozgur Dogan, Hulya Dogan, Ozkan Bingol
Hybrid Deep Learning Model Based Advanced AI-Driven Identity and Access Management System for Enhanced Security and Efficiency	Hulusi Burak Demirsoy, Ezgi Nur Kose, Furkan Aydogan, Muhammed Hadi Ezgin, Mehmet Ali Akcayol
Hybrid Lossy Compression for Grayscale Images using Polynomial Coding, ISUQ and Soft Thresholding Techniques	Noor Mahdi, Ghadah AL-Khafaji
Hybrid Underwater Target Tracking with Particle Filters and Deep Learning; Focus on Design Considerations	Abdullatif Baba, Basil Alothman
Innovative Development of Hybrid LSTM-CNN Architecture with Optimized Parameters for Enhanced Predictive Maintenance Performance	Maki Habib, Kamal Mohamed
Integrating Reinforcement Learning into Pipe System Design	David Fait, Petra Hofrichterová, Václav Mašek
Interpretation of White Box Adversarial Attacks on Machine Learning Model Using Grad-CAM	UG Dheeraj Sai, Vinay Sai Yogeesh, Vindya N, Akanksha Mulgund, Bhaskarjyoti Das
IoT Earthquake Detection Using Localization and GSM Networks	Nassir Mofi, Abdullah Hassan, Abdullah Alsaffar, Saud Alhajaj Aldossari
IOT-Enabled Sensors And AI For Real-Time Monitoring of Fluid Systems	Abrar Ghalib Mahmood Al-Daffaie, Saadaldeen Rashid Ahmed, Zainab T. Al-Sharify, Zainab Mejeed Khadim, Baqer A Hakim, Rafad Imad Kadhim, Sameer Algburi, Jungpil Shin
Leveraging Large Language Models to Enhance Mental Health Literacy and Diversity Awareness in Adolescents: The me_HeLi-D Project	Ioannis Patias, Dafinca Miteva, Elitsa Peltekova, Michaela Wright, Barbara Gasteiger-Klicpera
Machine learning approach for particle kinetics modeling	Iliana Marinova, Valentin Mateev
Machine Learning Models for Power and Surface Temperature Values of Different Types of Photovoltaic Solar Panels under Antarctic Climate Conditions	Mehmet Das, Sule Kaya, Bilal Alatas, Ebru Akpinar

Title	Author(s)
Machine Learning Techniques for Turbulence Analysis and Simulation	Ahmed Adnan Hadi, Saadaldeen Rashid Ahmed, Sabah Khudhair Abbas, Zainab T. Al-Sharify, B. A. Ahmad, AL-Ibraheemi Fuqdan, Aras Ismail Khider, Sameer Algburi, Jungpil Shin
Medical Image Analysis with Transformer Models: A Study on Vision Transformers for the COVID19 Classification of CT Chest Images	Jomana S. Reusch, Lena C. Altherr, Patrick Philipp
Medical Image Encryption based on Tangent Transform-based Sine-Chebyshev Map	Mehmet Demirtaş, Sabri Altunkaya
Methods of Multi-Threshold Decoders Use in Mimo Systems And Methods of Assessing Their Performance	Gennady Ovechkin, Dina Satybaldina, Zhuldyz Sailaukyzy, Gulmira Danenova, Nurlan Tashatov
Multimodal Deep Learning for Video Classification	Rafad Imad Kadhim, Firas Al-Mukhtar, Ari Taha Guron, Alaa K. Shwayaa, Talib A. Al-Sharify, Bourair Al-Attar, Saadaldeen Rashid Ahmed, Sameer Algburi, Wassan Sdnsn Hashim
Multi-Scale Self-Attention Convolutional Neural Network for Energy Storage State-of-Charge Estimation	Halil Çimen
Multi-Task Learning on Mental Disorder Detection, Sentiment Analysis, and Emotion Detection using Social Media Posts	Courage Armah, Rahim Dehkharghani
Optimal Elevators Control for Buildings Based on Associative Memory	Saadaldeen Rashid Ahmed, Abdulqadir Ismail Abdullah, Sabah Jebur AlJanabi, Zaki Saeed Tawfeek, Ahmed Dheyaa Radhi, Rafad Imad Kadhim, Sameer Algburi, Wassan Sdnsn Hashim, Jungpil Shin
Optimization of Energy Consumption in Compressed Air Systems with Green Transformation Strategies in Wheel Manufacturing	Halil Ekici, Emre Benzer, Gorkem Aydin, Ismail Bogrekci, Pinar Demircioglu
Optimizing CRM Platforms with Distributed Cloud Architectures for Scalable Performance and Security	Marian Ileana, Pavel Petrov, Vassil Milev
Optimizing Renewable Energy Utilization: A Study on Solar Radiation Forecasting with LSTM-Conv1D Models in Libya	Hani Ali, Nihan Kazak Çerçevik
Optimizing Solar Energy Management using AI Based Systems	Arnad Lekić, Anesa Abazović, Dejan Babić, Ivan Jovović, Tomo Popović
Performance Analysis of Deep Learning Models for Microstructure Image Classification of Carbon Steel	Ivan Azwar Septiadi, Djoko Purwanto, Rudy Dikairono, Sutarsis Sutarsis
Personalized Gamified Education: Feedback Mechanisms and Adaptive Learning Paths	Milen Sotirov, Valentina Petrova, Donika Nikolova-Sotirova
PID-Based Pitch Angle Controller Scheme for PMSG-Based Wind Energy Conversion System	Emre Hasan Dursun
Predicting Building Energy Consumption from Electricity Meters using Prophet: A Computational Study on Benchmark Data	Alina Shcherbakova, Patrick Philipp, Lena C. Altherr
Radar-based Elderly Fall Detection Using Power Spectral Density Features Obtained by Different Methods	Ibrahim Şeflek
RAGNAR: Retrieval-Augmented Generation using Networked and Advanced Relational Data	António Mestre, Rúben Marques, Alexander Fernandes, Bruno Silva
Real-Time Crossroad Traffic Light Management	Akshit Naithani, Vrishin Jain
Real-Time Detection of Bearing Faults in Induction Motor Using Edge AI and Piezo Microphone	Ece Akdağlı, Abdullah Ramazan Çolak, Barbaros Şahin, Murat Bekir Erden, Eyüp Çınar, Rifat Edizkan
Recognition of Human Actions through DDC Transform and Silhouettes	Petar Marinov
RE-LLaMA: Large Language Models for Hydrogen Deployment: A Domain-Specific Approach in Renewable Energy	Omar S. Hemied, Hossam A.Gabbar
Retrieval-Augmented Generation (RAG) and LLM Integration	Zeynep Örpek, Büşra Tural , Zeynep Destan
Safety of the Intended Functionality (SOTIF) based on System Theoretic Process Analysis (STPA): Study for Specific Control Action in Blind Spot Detection (BSD)	Mehmet Duran Menekşe, Okan Özçetin, Talha Enes Ercan, Kemal Faruk Doğan

Title	Author(s)
Seamless Handovers in Software-Defined Vehicular Fog Networks	Leonel Diogenes Alvarenga, Pedro Sousa, António Costa
Simulating Skydiving Experience in Virtual Reality	Wanwan Li
Smart Continuous Wearable Real Time Monitoring System for Human Health Care based on IoT	Safa L. Kailan, Abbas Ahmed Muhammed, Alaa Hamid Mohammed, Auns Qusai Al-Naemi, Saif Mohamed Baraa Al-Sabti, Ihsan Amjad Abdulateef
Smart Point-of-Care Application for Automated Wound Segmentation	Biswabandhu Jana, Amrit K. Singha, Subhasis Mahata, Mahua Bhattacharya, Pradyut Kumar Sanki
Smart Posture Monitoring and Predictive Health Classification for Bedridden Patients Using IoT and AI	Sunitha Cherian, Sudha Sakthivel, Thirupathi Regula, Kiran Kumar S. G., Said Al Riyami
Steiner-Based Space Modulation Techniques: ABER Performance Under Spatial Correlation	Khadiga Eltira, Abdelhamid Younis, Raed Mesleh
Symptom-Based Machine Learning Approach for Early COVID-19 Detection	Kazim Majeed Murshid, Sarmad Nozad Mahmood, Swash Sami Mohammed, Yahya Ghufraan Khidhir
TalkEasy: An Interactive Web-Based Platform for Hiragana Japanese Sign Language Fingerspelling Acquisition using K-Nearest Neighbors (KNN) Algorithm	Joseph Carlo Bersoto, Christephen De Jesus, Jemerito Jr Mangahas, Criselle Centeno, Elsa Pascual, Ariel Antwaun Rolando Sison
The Cutting-Edge YOLO11 for Advanced Aircraft Detection in Synthetic Aperture Radar (SAR) Imagery	Murat Bakirci, Irem Bayraktar
Virtual Jewelry Experiences In The Jewelry Industry: A Review On Virtual And Augmented Reality Applications	Şevval İmre, Turgut Özseven
WGAN-Based Synthetic Data Generation for Modeling Cyberattacks in Power Transmission Systems	Spoorthy Reddy Gondhi, Urmisha Reddy Janak, Ashok Raja, Arash Asrari

ISAS 2024
Technical Program

December 6, 2024				
Time (GMT+3)	9:30 am - 12:00 pm	Session 1.1. (ROOM1) Chair: E. Yaşar	Session 1.2. (ROOM2) Chair: O. Pektezel	Session 1.3. (ROOM3) Chair: İ.Atik
	12:00 pm - 1:00 pm	Lunch		
	1:00 pm - 3:00 pm	Session 2.1. (ROOM3) Chair: İ.Atik		

December 7, 2024					
Time (GMT+3)	09:30 am - 11:30 am	Session 3.1. (ROOM1) Chair: E. Yaşar	Session 3.2. (ROOM2) Chair: O. Pektezel	Session 3.3. (ROOM3) Chair: E. Benzer	Session 3.4. (ROOM4) Chair: A. H. Mohammed
	11:30 am - 12:00 pm	Session 4.1. (ROOM3) Keynote Speaker Assoc.Prof.Dr. Muzaffer Kanaaen, Erciyes University, Türkiye <i>"Latest Advances in Medical Image Classification Through Deep Learning"</i>			
	12:00 pm - 1:00 pm	Lunch			
	1:00 pm - 3:00 pm	Session 5.1. (ROOM1) Chair: E. Yaşar	Session 5.2. (ROOM2) Chair: O. Pektezel	Session 5.3. (ROOM3) Chair: Y. Yılmaz	Session 5.4. (ROOM4) Chair: I. Marinova
	3:00 pm - 3:30 pm	Coffee Break			
	3:30 pm - 5:30 pm	Session 6.1. (ROOM1) Chair: E. Yaşar		Session 6.2. (ROOM2) Chair: O. Pektezel	

ISAS 2024
Technical Program

SESSION 1.1. (ROOM1) Chair: E. Yaşar	Date:	06 December 2024
	Time (GMT+3):	09:30 am - 12:00 pm
Paper	Author (s)	Speaker
152 - Recognition of Human Actions through DDC Transform and Silhouettes	Petar Marinov	Petar Marinov
204 - Seamless Handovers in Software-Defined Vehicular Fog Networks	Leonel Diogenes Alvarenga, Pedro Sousa, António Costa	Leonel Diogenes Alvarenga
230 - Symptom-Based Machine Learning Approach for Early COVID-19 Detection	Kazim Majeed Murshid, Sarmad Nozad Mahmood, Swash Sami Mohammed, Yahya Ghufuran Khidhir	Yahya Ghufuran Khidhir
248 - Abnormal Activity Detection using CNNs with TimeDistributed Layers	Florina Luminița Rostaș, Gabriel Oltean	Florina Luminița Rostaș
250 - Design and Optimization of a Prototype Automated Food Production Line: A Multi-Algorithm Approach	Arbnor Pajaziti, Genta Rexha, Art Beqiri, Clirimtar Sinani	Arbnor Pajaziti
262 - Smart Posture Monitoring and Predictive Health Classification for Bedridden Patients Using IoT and AI	Sunitha Cheriyan, Sudha Sakthivel, Thirupathi Regula, Kiran Kumar S. G., Said Al Riyami	Thirupathi Regula
266 - CycleCraft: A Web-Based Platform for 3D Bike Customization, Training, and Community Engagement	Angelica Mae A. Belo, Jeimy L. De Guzman, Dhay Vince S. Quiambao, Criselle J. Centeno, Marilou B. Mangrobang, Mark Anthony S. Mercado	Angelica Mae A. Belo
267 - Eternal Wayfinder: AI-Powered Navigation for Efficient Routing in Cemeteries	Criselle J. Centeno, Raymund M. Dioses, Mary Grace N. Gonzales, Andrea Kathleen D. Laurden, Annabelle L. Malicsi, John Carl Stephen M. Velasquez	Andrea Kathleen D. Laurden

SESSION 1.2. (ROOM2) Chair: O. Pektezel	Date:	06 December 2024
	Time (GMT+3):	09:30 am - 12:00 pm
Paper	Author (s)	Speaker
2- Autonomous Flight Systems and Generative AI	Ali Berkol, İdil Gökçe Demirtaş	Ali Berkol
9 - IoT Earthquake Detection Using Localization and GSM Networks	Nassir Mofi, Abdullah Hassan, Abdullah Alsaffar, Saud Alhajaj Aldossari	Abdullah Hassan
12 - WGAN-Based Synthetic Data Generation for Modeling Cyberattacks in Power Transmission Systems	Spoorthy Reddy Gondhi, Urmisha Reddy Janak, Ashok Raja, Arash Asrari	Spoorthy Reddy Gondhi
32 - Diagnosis of Epileptic seizures and Hypoxic-ischemic encephalopathy using Artificial Intelligence based on EEG signal: A review	Ezzaddin Kadhim, Saif Al-jumaili, Osman Nuri Uçan	Ezzaddin Kadhim
69 - Optimizing Solar Energy Management using AI Based Systems	Arnad Lekić, Anesa Abazović, Dejan Babić, Ivan Jovović, Tomo Popović	Arnad Lekić
90 - RAGNAR: Retrieval-Augmented Generation using Networked and Advanced Relational Data	António Mestre, Rúben Marques, Alexander Fernandes, Bruno Silva	António Mestre
113 - Multi-Task Learning on Mental Disorder Detection, Sentiment Analysis, and Emotion Detection using Social Media Posts	Courage Armah, Rahim Dehkharghani	Courage Armah
138 - Development of a Conveyor Belt with a Computer Vision Module for Educational Purposes	Mihail Zagorski, Radoslav Miltchev, Nikolay Slavchev	Mihail Zagorski
142 - A Possibility for Positional Step Control of Electric Drives with Wound Rotor Induction Motors	Mikho Mikhov, Marin Zhilevski	Marin Zhilevski

SESSION 1.3. (ROOM3) Chair: İ.Atik	Date:	06 December 2024
	Time (GMT+3):	09:30 am - 12:00 pm
Paper	Author (s)	Speaker
17 - Cardiovascular Disease Prediction using Machine Learning Methods	Tuğba Palabaş	Tuğba Palabaş
35 - The Cutting-Edge YOLO11 for Advanced Aircraft Detection in Synthetic Aperture Radar (SAR) Imagery	Murat Bakirci, Irem Bayraktar	Irem Bayraktar
64 - Hybrid Deep Learning Model Based Advanced AI-Driven Identity and Access Management System for Enhanced Security and Efficiency	Hulusi Burak Demirsoy, Ezgi Nur Kose, Furkan Aydogan, Muhammed Hadi Ezgin, Mehmet Ali Akcayol	Hulusi Burak Demirsoy
68 - Forecasting the Profit or Loss Status of Companies using Machine Learning	Fatih Kazova, Muhammed Ahmet Alkan, Muhammet Kasım Yüksel	Fatih Kazova
75 - Medical Image Encryption based on Tangent Transform-based Sine-Chebyshev Map	Mehmet Demirtaş, Sabri Altunkaya	Mehmet Demirtaş
79 - Radar-based Elderly Fall Detection Using Power Spectral Density Features Obtained by Different Methods	Ibrahim Şeflek	Ibrahim Şeflek
84 - Multi-Scale Self-Attention Convolutional Neural Network for Energy Storage State-of-Charge Estimation	Halil Çimen	Halil Çimen
92 - An Integrated Hesitant Fuzzy-based SWOT Analysis for Industry 5.0 Technology Evaluation	Esin Mukul, Merve Güler	Esin Mukul
137 - Optimizing Renewable Energy Utilization: A Study on Solar Radiation Forecasting with LSTM-Conv1D Models in Libya	Hani Ali, Nihan Kazak Çerçevik	Hani Ali
225 - Deep Learning In Military Object Detection: An Example of The Yolo-Nas Model	Ipek Atik	Ipek Atik

SESSION 2.1. (ROOM3) Chair: İ.Atik	Date:	06 December 2024
	Time (GMT+3):	1:00 pm - 3:00 pm
Paper	Author (s)	Speaker
251 - An analytical model for multi-criteria evaluation of IoT application layer protocols	Dilyana Dimitrova	Dilyana Dimitrova
253 - Data-Secure Natural Language Interfaces to Databases via Large Language Models	Duygu Çakır, Volkan İllik, Enes Deniz, Kadir Yunus Koc	Enes Deniz
156 - Retrieval-Augmented Generation (RAG) and LLM Integration	Zeynep Örpek, Büşra Tural , Zeynep Destan	Zeynep Örpek
233 - Dual Band Rectifier Circuit Design for Wireless Power Transfer to IoT Devices	Ayşe İncesu Dokumacı, Lulu Wang, Vedat Özkaner, Muharrem Karaaslan	Ayşe İncesu Dokumacı
260 - Virtual Jewelry Experiences In The Jewelry Industry: A Review On Virtual And Augmented Reality Applications	Şevval İmre, Turgut Özseven	Şevval İmre
91 - An Ensemble Learning Based Nuclei Segmentation: Using Base Deep Learning Models with Different Loss Functions	Serdar Yıldız, Abbas Memiş, Songül Varlı	Serdar Yıldız
181 - End-to-end Automatic Music Transcription of Polyphonic Music Using Convolutional Neural Networks	Emin Germen, Can Karadoğan	Emin Germen
259 - BINSIGHT: Waste Sorting Enhanced with Machine Learning and Reward System	Issaiah Neil T. Catacutan, Symon S. Lee, Mari Grazela P. Legarda, Diony S. Abando, Vivien A. Agustin, Ariel Antwaun Rolando C. Sison	Symon S. Lee
139 - RE-LLaMA: Large Language Models for Hydrogen Deployment: A Domain-Specific Approach in Renewable Energy	Omar S. Hemied, Hossam A.Gabbar	Omar S. Hemied

SESSION 3.1. (ROOM1) Chair: E. Yaşar		Date:	07 December 2024
		Time (GMT+3):	09:30 am - 11:30 am
Paper	Author (s)	Speaker	
10 - Bayesian Optimization of Passive RF Circuits	Mehmet Turan, Ahmed H. Akgiray	Mehmet Turan	
13 - Environment, Social, Governance (ESG) Investment in Artificial Intelligent (AI) to Improve Power Grid focusing Peninsular Malaysia using System Dynamic	Ilham Sentosa, Amirul Daniel Sulaiman, Kamarul Nirhaqqim Nor Azri Juhari, Hairunajiha Roslan, Muhamad Zulkiflee Osman	Ilham Sentosa	
15 - Real-Time Crossroad Traffic Light Management	Akshit Naithani, Vrishin Jain	Akshit Naithani	
18 - Aquila Optimizer-Based Filtered PID Controller Design For A Spark Ignition Engine Speed Control	Davut Izci, Serdar Ekinci, Raymond Ghandour, Mohammad Salman, Cebraail Turkeri	Mohammad Salman	
19 - E-Commerce Trust in Saudi Arabia: An Empirical Investigation Using A/B Testing	Bandar Alkhalil, Yu Zhuang, Khalid Mursi, Ahmad Aseeri	Bandar Alkhalil	
23 - Real-Time Detection of Bearing Faults in Induction Motor Using Edge AI and Piezo Microphone	Ece Akdağlı, Abdullah Ramazan Çolak, Barbaros Şahin, Murat Bekir Erden, Eyüp Çınar, Rifat Edizkan	Ece Akdağlı	
29 - PID-Based Pitch Angle Controller Scheme for PMSG-Based Wind Energy Conversion System	Emre Hasan Dursun	Emre Hasan Dursun	
37 - AI-Enhanced Cybersecurity in Fluid Dynamics Simulation Software	Rafad Imad Kadhim, Saadaldeen Rashid Ahmed, Zainab T. Al-Sharify, Mohammad K. Abdul-Hussein, AL-Ibraheemi Fuqdan, Rangin Sabah Hassan, Sameer Algburi, Jungpil Shin	Saadaldeen Rashid Ahmed	

SESSION 3.2. (ROOM2) Chair: O. Pektezel		Date:	07 December 2024
		Time (GMT+3):	09:30 am - 11:30 am
Paper	Author (s)	Speaker	
55 - AI-Enhanced Techniques for Extracting Structured Data from Unstructured Public Procurement Documents	Amina Oussaleh Taoufik, Abdellah Azmani	Amina Oussaleh Taoufik	
58 - Optimizing CRM Platforms with Distributed Cloud Architectures for Scalable Performance and Security	Marian Ileana, Pavel Petrov, Vassil Milev	Pavel Petrov	
67 - Di-AEFA: Diversified Artificial Electric Field Algorithm for Global Numerical Optimization	Afi Kekeli Feda, Oluwatayomi Rereloluwa Adegboye, Abosede Omowumi Tibetan, Opeoluwa Seun Ojekemi, Tolga Öz, Ezgi Deniz Ülker	Oluwatayomi Rereloluwa Adegboye	
70 - An Adaptive Penalty Factor Approach for Cost-Emission Oriented Economic Dispatch Problem using Wild Horse Optimizer	Abdulghani Aljundi, Jumana Abu-Hamad, Awos Kanan	Awos Kanan	
74 - High-Accuracy Hand Segmentation for Palmprint Biometric Systems Improving Auto-Encoder Techniques	Kadir Yalcin, Ramazan Ozgur Dogan, Hulya Dogan, Ozkan Bingol	Kadir Yalcin	
202 - Crab Age Prediction using Machine Learning for Sustainable Crab Farming	Aditya Gopinath, Siddarth Nair, Aouchitya Gawande, J.Angel Arul Jothi	Aditya Gopinath	

SESSION 3.3. (ROOM3) Chair: Emre Benzer	Date:	07 December 2024
	Time (GMT+3):	09:30 am - 11:30 am
Paper	Author (s)	Speaker
80 - Enhancing Content-Based Image Retrieval with a Stacked Ensemble of Deep Learning Models	Abdulrahman Zeain, Abdullahi Abdu Ibrahim	Abdulrahman Zeain
77 - A Modulo ($2^n - (2^k + 1)$) Adder Architecture for RNS-based Digital Signal Processing Applications	Ahmad Hiasat	Ahmad Hiasat
36 - Exploring Incremental Classifiers for Predicting Student Performance Across Semesters	Ben George Ephrem, Senthilkumar R, Fatma Al-Junaibi, Zakariya Al-Shuaibi	Ben George Ephrem
56 - Comprehensive Vulnerability Analysis and Penetration Testing Approaches in Smart City Ecosystems	Tamara Zhukabayeva, Aigul Adamova, Nurdaulet Karabayev, Yerik Mardenov, Dina Satybaldina	Aigul Adamova
63 - Gamification as a Tool for Enhancing University Students Campus Adaptation: The YUNIPeer Application	Başar Orman, Çağla Özen	Başar Orman
229 - Smart Point-of-Care Application for Automated Wound Segmentation	Biswabandhu Jana, Amrit K. Singha, Subhasis Mahata, Mahua Bhattacharya, Pradyut Kumar Sanki	Pradyut Kumar Sanki
53 - Optimization of Energy Consumption in Compressed Air Systems with Green Transformation Strategies in Wheel Manufacturing	Halil Ekici, Emre Benzer, Gorkem Aydin, Ismail Bogrekci, Pinar Demircioglu	Emre Benzer
111 - Performance Analysis of Deep Learning Models for Microstructure Image Classification of Carbon Steel	Ivan Azwar Septiadi, Djoko Purwanto, Rudy Dikairono, Sutarsis Sutarsis	Ivan Azwar Septiadi

SESSION 3.4. (ROOM4) Chair: Alaa Hamid Mohammed	Date:	07 December 2024
	Time (GMT+3):	09:30 am - 11:30 am
Paper	Author (s)	Speaker
135 - Battery Pack Temperature Change Prediction for Running BLDC 1500 W Motor using Artificial Neural Network	Safarudin Gazali Herawan, Mohd Zaid Bin Akop	Safarudin Gazali Herawan
65 - Innovative Development of Hybrid LSTM-CNN Architecture with Optimized Parameters for Enhanced Predictive Maintenance Performance	Maki Habib, Kamal Mohamed	Kamal Mohamed
203 - Methods of Multi-Threshold Decoders Use in Mimo Systems And Methods of Assessing Their Performance	Gennady Ovechkin, Dina Satybaldina, Zhuldyz Sailaukyzy, Gulmira Danenova, Nurlan Tashatov	Gulmira Danenova
62 - Developing 244 Terengganu Scenic Drive Using Augmented Reality for Sustainable Tourism and Community Well-Being	Mutia Sobihah Abd Halim, Wan Mohamad Asyraf Wan Afthanorhan, Fadzilah Akmal Haji Ali, Ismahafezi Ismail, Shamsiah Banu Mohamad Hanefar	Mutia Sobihah Abd Halim
109 - ElHa Net: A Pattern Recognition Neural Network	Elsadig Ahmed Mohamed Babiker, Hanan Hassan Ali Adlan	Hanan Hassan Ali Adlan
220 - Harnessing CNNs and Decision Trees for Autonomous Scoliosis Diagnosis on Spinal Radiographs	Rumeysa Gulcihan Cakmak, Buse Karaman, Duygu Çakır	Rumeysa Gulcihan Cakmak
160 - Brain Tumor Segmentation in FLAIR MRI Images Using Deep Learning Techniques	Salih A. Abdalwahab, Alaa Hamid Mohammed, Aymen Jalil Abdulelah, Ali Al-kubaisi, Saif Mohamed Baraa Al-Sabti, Marwa M. Ismaeel	Alaa Hamid Mohammed
258 - Blockchain Based Wireless Networks: Technologies and Limitations	Ahmed Adil Mohammed Alheeti, Alaa Hamid Mohammed, Lena T. Ibrahim Federal, Sabah Ali Rahi, Aqeel Nafea Abdulateef, Mustafa Al-Khafaji	Alaa Hamid Mohammed

SESSION 4.1. (ROOM3)	Date:	07 December 2024
	Time (GMT+3):	11:30 am - 12:00 pm
Keynote Speaker Assoc.Prof.Dr. Muzaffer Kanaaen Erciyes University, Türkiye <i>"Latest Advances in Medical Image Classification Through Deep Learning"</i>		

SESSION 5.1. (ROOM1) Chair: E. Yaşar	Date:	07 December 2024
	Time (GMT+3):	1:00 pm - 3:00 pm
Paper	Author (s)	Speaker
38 - IOT-Enabled Sensors And AI For Real-Time Monitoring of Fluid Systems	Abrar Ghalib Mahmood Al-Daffaie, Saadaldeen Rashid Ahmed, Zainab T. Al-Sharify, Zainab Mejeed Khadim, Baqer A Hakim, Rafad Imad Kadhim, Sameer Algburi, Jungpil Shin	Saadaldeen Rashid Ahmed
39 - Machine Learning Techniques for Turbulence Analysis and Simulation	Ahmed Adnan Hadi, Saadaldeen Rashid Ahmed, Sabah Khudhair Abbas, Zainab T. Al-Sharify, B. A. Ahmad, AL-Ibraheemi Fuqdan, Aras Ismail Khider, Sameer Algburi, Jungpil Shin	Saadaldeen Rashid Ahmed
110 - Dual-Band Microstrip Antenna for GPS L1 and L2 Applications	Burak Karakiş, Bilal Tütüncü	Burak Karakiş
112 - Leveraging Large Language Models to Enhance Mental Health Literacy and Diversity Awareness in Adolescents: The me_HeLi-D Project	Ioannis Patias, Dafinca Miteva, Elitsa Peltekova, Michaela Wright, Barbara Gasteiger-Klicpera	Ioannis Patias
114 - Interpretation of White Box Adversarial Attacks on Machine Learning Model Using Grad-CAM	UG Dheeraj Sai, Vinay Sai Yogeesh, Vindya N, Akanksha Mulgund, Bhaskarjyoti Das	UG Dheeraj Sai
115 - Hybrid Underwater Target Tracking with Particle Filters and Deep Learning; Focus on Design Considerations	Abdullatif Baba, Basil Alothman	Abdullatif Baba
116 - An Opportunity to Implement a Highly Efficient Battery Charging Process in an Autonomous and Grid-Connected PV - System at a Self-Moving Robotic Platform Complex	Svetlozar Zahariev	Svetlozar Zahariev

SESSION 5.2. (ROOM2) Chair: O. Pektezel	Date:	07 December 2024
	Time (GMT+3):	1:00 pm - 3:00 pm
Paper	Author (s)	Speaker
76 - Capacity Analysis of a Ridge Gap Waveguide at Millimeter Wave Regime for Future Communication Systems	Olcay Altıntaş, Miguel Navarro-Cía	Olcay Altıntaş
87 - Adaptive Conjugate Gradient Methods for Image Impulse Noise Removal	Basim A. Hassan, Ahmed S. Ahmed	Basim A. Hassan
88 - An Enhanced Conjugate Gradient Algorithm for Solving Unconstrained Optimization and Image Restoration Problems	Basim A. Hassan, Hisham M. Khudhur, Ayman W. Jasim	Basim A. Hassan
89 - Personalized Gamified Education: Feedback Mechanisms and Adaptive Learning Paths	Milen Sotirov, Valentina Petrova, Donika Nikolova-Sotirova	Milen Sotirov
153 - Hybrid Lossy Compression for Grayscale Images using Polynomial Coding, ISUQ and Soft Thresholding Techniques	Noor Mahdi, Ghadah AL-Khafaji	Ghadah AL-Khafaji
232 - TalkEasy: An Interactive Web-Based Platform for Hiragana Japanese Sign Language Fingerspelling Acquisition using K-Nearest Neighbors (KNN) Algorithm	Joseph Carlo Bersoto, Christephen De Jesus, Jemerito Jr Mangahas, Criselle Centeno, Elsa Pascual, Ariel Antwaun Rolando Sison	Christephen De Jesus

SESSION 5.3. (ROOM3) Chair: Yıldırım Yılmaz	Date:	07 December 2024
	Time (GMT+3):	1:00 pm - 3:00 pm
Paper	Author (s)	Speaker
72 - Steiner-Based Space Modulation Techniques: ABER Performance Under Spatial Correlation	Khadiga Eltira, Abdelhamid Younis, Raed Mesleh	Raed Mesleh
173 - Smart Continuous Wearable Real Time Monitoring System for Human Health Care based on IoT	Safa L. Kailan, Abbas Ahmed Muhammed, Alaa Hamid Mohammed, Auns Qusai Al-Naemi, Saif Mohamed Baraa Al-Sabti, Ihsan Amjad Abdulateef	Safa L. Kailan
11 - Efficient Estimation of Sigmoid and Tanh Activation Functions for Homomorphically Encrypted Data Using Artificial Neural Networks	Mhd Raja Abou Harb, Baris Celiktas	Mhd Raja Abou Harb
154 - Feasibility of Emergency Steering Function for Semi-trailer Trucks in the Presence of Actuator Limitations	Berke Konca, Mert Sever, Melih Çakmakçı	Berke Konca
20 - Integrating Reinforcement Learning into Pipe System Design	David Fait, Petra Hofrichterová, Václav Mašek	David Fait
265 - Equation tokenization for LLM data processing	Iliana Marinova, Valentin Mateev	Valentin Mateev
159 - A Soft Sensor Approach for Cookware Classification and Temperature Estimation in Smart Domestic Induction Hobs	Hakan Altuntaş, Mehmet Selçuk Arslan	Hakan Altuntaş
155 - Estimation of Optimal Time-to-Live Values for Mitigating Router Spoofing Attacks Utilizing Lasso and Ridge Regression Machine Learning Techniques	Yıldırım Yılmaz	Yıldırım Yılmaz

SESSION 5.4. (ROOM4) Chair: Iliana Marinova	Date:	07 December 2024
	Time (GMT+3):	1:00 pm - 3:00 pm
Paper	Author (s)	Speaker
192 - Predicting Building Energy Consumption from Electricity Meters using Prophet: A Computational Study on Benchmark Data	Alina Shcherbakova, Patrick Philipp, Lena C. Altherr	Lena C. Altherr
150 - Safety of the Intended Functionality (SOTIF) based on System Theoretic Process Analysis (STPA): Study for Specific Control Action in Blind Spot Detection (BSD)	Mehmet Duran Menekşe, Okan Özçetin, Talha Enes Ercan, Kemal Faruk Doğan	Mehmet Duran Menekşe
255 - Comparison of System Theoretic Process Analysis and Cause Tree Analysis Applied on an Autonomous Parking System from Safety of the Intended Functionality Perspective	Okan Özçetin, Pascal Brudke	Okan Özçetin
25 - Corrugated Antipodal Vivaldi Antenna in a Matching Medium for Ultrawideband Breast Cancer Detection	Esranur İlhan, Ahmet Caner Gül, Onur Kurt, Semih Doğu	Onur Kurt
187 - Medical Image Analysis with Transformer Models: A Study on Vision Transformers for the COVID19 Classification of CT Chest Images	Jomana S. Reusch, Lena C. Altherr, Patrick Philipp	Patrick Philipp
82 - A Novel Approach for Phobia Analysis Using EEG and ECG Physiological Signals and Artificial Intelligence(AI)	Ibrahim Kromba, Saffih Faycal	Saffih Faycal
57 - Engagement and Effectiveness of HyFlex Learning: Insights from a Malaysian Private University	Shamsiah Banu Mohamad Hanefar, Renee Shiun Yee Chew, Mutia Sobihah Abd Halim, Mohd Hanafi Mohd Yasin	Shamsiah Banu Mohamad Hanefar
201 - Dynamic Codebook Design in Non-Coherent Short-Packet Communications Using Modulation on Conjugate-Reciprocal Zeros	Tuncay Eren	Tuncay Eren
264 - Machine learning approach for particle kinetics modeling	Iliana Marinova, Valentin Mateev	Iliana Marinova

SESSION 6.1. (ROOM1) Chair: E. Yaşar	Date:	07 December 2024
	Time (GMT+3):	3:30 pm - 5:30 pm
Paper	Author (s)	Speaker
59 - Optimal Elevators Control for Buildings Based on Associative Memory	Saadaldeen Rashid Ahmed, Abdulqadir Ismail Abdullah, Sabah Jebur AlJanabi, Zaki Saeed Tawfeek, Ahmed Dheyaa Radhi, Rafad Imad Kadhim, Sameer Algburi, Wassan Sdnsn Hashim, Jungpil Shin	Saadaldeen Rashid Ahmed
78 - Multimodal Deep Learning for Video Classification	Rafad Imad Kadhim, Firas Al-Mukhtar, Ari Taha Guron, Alaa K. Shwayaa, Talib A. Al-Sharify, Bourair Al-Attar, Saadaldeen Rashid Ahmed, Sameer Algburi, Wassan Sdnsn Hashim	Saadaldeen Rashid Ahmed
140 - A Novel Ensemble Learning Model Using CNNs And Vision Transformers for Waste Classification	Mohamed Lamine Cisse, David Adeyinka Aderinwale, Melike Sah	Mohamed Lamine Cisse
141 - Distributed Decision-Making in Modular Drone Swarms	Mutullah Eser, Asim Egemen Yilmaz	Mutullah Eser
143 - Gossip Based Consensus Algorithm for Multi-Agent Systems	Mutullah Eser, Asim Egemen Yilmaz	Mutullah Eser
151 - Enhancing Sustainable Algal Growth and Biomass Conversion in Lebanon: Integrating Photo-bioreactors and Spray Dryer Systems.	Haytham Dbouk, Mariam Ezzeddine, Nour Dbouk, Loyal Attieh, Noel Maalouf	Haytham Dbouk

SESSION 6.2. (ROOM2) Chair: O. Pektezel	Date:	07 December 2024
	Time (GMT+3):	3:30 pm - 5:30 pm
Paper	Author (s)	Speaker
193 - Enhancing Document Security in Cloud Using Microsoft SEAL Encryption	Rrezearta Thaqi, Kamer Vishi, Blerim Rexha	Rrezearta Thaqi
207 - Evaluation Approach for the Impact of a Gamified University Environment	Milen Sotirov, Valentina Petrova, Donika Nikolova-Sotirova	Milen Sotirov
224 - Simulating Skydiving Experience in Virtual Reality	Wanwan Li	Wanwan Li
247 - Machine Learning Models for Power and Surface Temperature Values of Different Types of Photovoltaic Solar Panels under Antarctic Climate Conditions	Mehmet Das, Sule Kaya, Bilal Alatas, Ebru Akpınar	Sule Kaya
257 - Classification of Depression, Anxiety and Stress from Handwriting and Drawing with Stacking Models	Semra Bayrak, Sedat Golgiyaz, Murat Aykut	Semra Bayrak
196 - AI-Powered Intelligent Mindfulness-Based Cognitive Therapy Companion for Emotion Recognition and Context-Aware Therapy	Carl Danniell Pajara Del Rosario, Leah Mae Deloso Fernandez, Vivien Accad Agustin, Criselle Centeno, Marilou Barsobia Mangrobang, Dan Michael Cortez	Leah Mae Deloso Fernandez