



International Conference on Advances in Electrical-Electronics Engineering and Computer Science

CONFERENCE PROGRAM

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November 9-10, 2024, Ankara-Turkey

November 9, 2024 (In-person Presentations)		
Time (GMT+3)	11:30 am - 12:00 pm	Keynote Speaker Session 1. (In-person ROOM1) Dr. Ali Berkol, Aselsan-Bites, Türkiye
	3:30 pm - 5:30 pm	Session 2. (In-person ROOM2) Chair: Turgut Özseven

November 10, 2024 (Virtual Presentations)		
Time (GMT+3)	10:00 am - 12:00 pm	Session 3. (Virtual ROOM1) Chair: Sadık Önal
	12:00 pm - 1:00 pm	Lunch
	1:00 pm - 3:00 pm	Session 4. (Virtual ROOM1) Chair: Sadık Önal

Session 2. (In-person ROOM2)		Date: November 9, 2024
Chair: Turgut Özseven		Time (GMT+3): 3:30 pm - 5:30 pm
Paper	Author (s)	
1 - The impact of electric vehicles on the grid	Abidin KEÇECİ, Bülent ÇAVUŞOĞLU	
2 - Performance Comparison of SQLite across Native and Cross-Platform Frameworks	Koray Liman, Hüseyin Özkan, Nadir Kocakır, Cevat Balaban	
3 - Evaluating the Performance and Efficiency of Caching Algorithms in .NET Applications	Hakan Akdoğan, Musa Peker, Nadir Kocakır	
27 - Transformatörlerde Buşing Bağlantılarının Önemi	Tuğçe Kayalak, Furkan Ekşi, Şeyma Nur Gökmen, Ahmet Doğuhan Mermer, Melis Öder	
5 - Comparative Analysis of Change Detection Mechanisms in Modern Web Frameworks	Burak Kadılar, Ferdi Tuna, Nadir Kocakır	
6 - Deep Learning-Based In-Store Customer Route Tendency Analysis	Erdal Nayir, Arman Kuyucu, Musa Peker, Nadir Kocakır	
20 - Performance Analysis of Artificial Neural Networks in the Diagnosis of Thyroid Diseases	Muhammet Cihat MUMCU, Ercan AYKUT, Sena Nur BENLİ, Kübra ERDOĞAN, İzzet YAVUZ	
23 - COVID-19 Pandemisi Sırasında Dijital Sağlık Sistemlerinin Yaygınlaşmasıyla Birlikte Artan Kişisel Sağlık Verisi İhlalleri	Cihan Ünal, Hakan Yıldırım	
27 - Transformatörlerde Buşing Bağlantılarının Önemi	Tuğçe Kayalak, Furkan Ekşi, Şeyma Nur Gökmen, Ahmet Doğuhan Mermer, Melis Öder	
26 - The Role of Gamification and Virtual Reality in Early Diagnosis of Alzheimer's Disease: A Systematic Review	Ceylin Alak, Emre Atlıer Olca	
Session 3. (Virtual ROOM1)		Date: November 10, 2024
Chair:		Time (GMT+3): 10:00 am - 12:00 pm
Paper	Author (s)	
7 - A Prototype Study on YOLOv10-Based Bird Gesture Recognition	Rıdvan YAYLA	
8 - Deep Learning Based Color and Style Transfer: A Review and Challenges	Melike Bektaş Kösesoy, Seçkin Yılmaz	
9 - DC Energy Technologies: The Key to A Sustainable Tomorrow?	Hatice Aydın, Muciz Özcan	
10 - Development of Machine Learning-Based Sales Cancellation/Return Forecasting Models for the E-Commerce Industry	Zehra Sude Sarı, Batuhan Taşkapı, Gökay Dağdaş, M. Fatih Akay	
4 - Güneş Enerji Santrallerinde Çevresel Faktörlerin Etkileri: MEYSU Fabrikası Örneği	Fırat ÖZBAY, Ali DURMUŞ	
12 - Analysis of Inrush Current Loads in Electric Motors in Low Temperature Tests	Gizem Fırat	
13 - Failure Mechanisms in Enclosed Electric Motors Due to Insufficient Cooling at High Temperatures	Gizem Fırat	
15 - A Novel Approach for Phobia Analysis Using EEG and ECG Physiological Signals and Artificial Intelligence(AI)	İbrahim Kromba , Fayçal Saffih	
16 - AI SUPPORTED ADJUSTABLE OVEN RACK	Aziz Başdemir, Fırat Koçyiğit, Fatih Arslan	
Session 4. (Virtual ROOM1)		Date: November 10, 2024
Chair:		Time (GMT+3): 1:00 pm - 3:00 pm
Paper	Author (s)	
17 - MOSFET H Köprüsü ile Asenkron Motor Sürücü PCB Tasarımı	Enes Şahiner, Can Kaya, Tuncay Soylu	
18 - Hardware Development and Scale-up of Angular Motion Systems Using BNO055 Sensor ESP32-WROOM-32 Microcontroller to Measure the Speed of Angular Motion Systems	Serhat ÇİNDEMİR, Süleyman ERDOĞAN	
24 - A New Design Bandpass Filter Working At 28 GHz For 5G Applications	BURAK AÇIKALIN, NURSEL AKÇAM, BURAK DÖKMETAŞ	
19 - Inverse Prediction of Alloy Composition Based on Physical Properties of Superalloys Modeled by the CALPHAD Methodology Using Explainable Artificial Intelligence	Yusuf Alaca, Yusuf Uzunoğlu	
21 - Enhancing Diagnostic Accuracy in Wrist X-ray Analysis Using Deep Transfer Learning Based Hybrid Model	Er.Hemantika.P. Chauhan, Prof.(Dr.)V.A Shah, (Dr.)Assistant Prof.Himanshu Patel	
22 - A Technological Approach to the Rockfall Problem	Muhammed Çağrı AKSU, Hacı Mustafa SANLAV, Egemen ÜLKER	
25 - Enhancing Urban Parking Management with SSD-Based Satellite Detection Systems	Behiye Sahin	