



International Trend of Tech Symposium

SYMPOSIUM PROGRAM

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December 7-8, 2024, İstanbul-Türkiye

December 8, 2024

Time (GMT+3)	10:00 am - 12:00 pm	Session 1. (Virtual ROOM1) Chair: Sadık Önal
	12:00 pm - 1:00 pm	Lunch
	1:00 pm - 3:30 pm	Session 2. (Virtual ROOM1) Chair: Sadık Önal

Session 1. (Virtual ROOM1)		Date: December 8, 2024
Chair: Sadık Önal		Time (GMT+3): 10:00 am - 12:00 pm
Paper	Author (s)	
Multilingual Sentiment Analysis for Mobile Gaming: A Comparative Study of Machine Learning and Hybrid Deep Learning Approaches	Erol Kına, Recep Özdağ	
Efficient Time Allocation Strategies in Satellite Communication Networks	Peri Güneş, Khadijeh Ali Mahmoodi , Mert Ulkgun	
Optimizing Accuracy and Efficiency in Ship Detection from Satellite Images through a Comparative Analysis of Object Detection Models	Ilayda Boz, Nesli S. Azdavay	
Integrating UAVs and YOLO Deep Learning for Early-Stage Forest Fire Detection	Ilayda Boz, Hakan Mert Didis	
Comparative Analysis of YOLOv5, YOLOv4, and SSD for Aircraft Detection in Airport Environments Using Remote Sensing Data	Melis Duhter, Hilal Kuzu	
Hyperparameter Optimization of A Faster R-CNN Model For Fault Detection In Quality Control	Abdullah Yüksel, Oğuzhan Karahan	
AI-Powered Classification of Oral Lesions: Improving Early Detection and Diagnosis	Hakan Yılmaz, Mehmet Özdem	
Synthesis and Coating with Electrophoretic Deposition of ZIF-8 for the Improvement of Surface Properties of CoCrW Alloy	Yakup Uzun, Ayşenur Alptekin, Şükran Merve Tüzemen, Burak Atik, Ayhan Çelik	
Potato Leaf Disease Detection Using Faster R-CNN and YOLO Models	Sara Medojevic	

Session 2. (Virtual ROOM2)		Date: December 8, 2024
Chair: Sadık Önal		Time (GMT+3): 1:00 pm - 3:30 pm
Paper	Author (s)	
Prediction of Recurrence of Differentiated Thyroid Cancer with Hybrid SMOTE-Stacking Model	Erkan Akkur, Serkan Çizmeciogulları, Ahmet Cankat Öztürk	
Güç Elektroniği Elemanlarının Sağlık Kontrolü için Test Devresi Tasarımı	Muhammed Emin Gügenir, Esra Arslan, Eyüp Emre Kasap, Emin Demirbaş, Nimet Korkmaz	
Grid-Aware Electric Vehicle Charging Interface Design	Emir Alaca, Seçil Varbak Neşe	
Predictive Analysis of Cross-cultural Issues in GSD using AI Techniques	Zohaib Iqbal, Gizem Temelcan Ergenecosar	
Preparation of Solid Dispersion of Anti-Convulsant Drug and Investigation of Its Release Kinetics	Melike Sozeri, Kader Poturcu	
Analysis of Coronary Heart Diseases with Kinetic Features by Applying Variational Mode Decomposition to ECG Signals and Classification Using Machine Learning Algorithms	Fırat Orhan Bulucu, Fatma Latifoğlu, Ayşegül Güven, Semra İçer, Aigul Zhushupova	
Analysis of Turkish Datasets Used in Text Classification	Belenay Yıldırım, Mehmet Fatih Karaca	