



# International Trend of Tech Symposium

SYMPOSIUM PROGRAM

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December 7-8, 2024, İstanbul-Türkiye

**December 8, 2024**

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

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	<b>Erkan Akkur, Serkan Çizmeciogulları, Ahmet Cankat Öztürk</b>	
Güç Elektroniği Elemanlarının Sağlık Kontrolü için Test Devresi Tasarımı	<b>Muhammed Emin Gügenir, Esra Arslan, Eyüp Emre Kasap, Emin Demirbaş, Nimet Korkmaz</b>	
Grid-Aware Electric Vehicle Charging Interface Design	<b>Emir Alaca, Seçil Varbak Neşe</b>	
Predictive Analysis of Cross-cultural Issues in GSD using AI Techniques	<b>Zohaib Iqbal, Gizem Temelcan Ergenecosar</b>	
Preparation of Solid Dispersion of Anti-Convulsant Drug and Investigation of Its Release Kinetics	Melike Sozeri, <b>Kader Poturcu</b>	
Evaluation of Virtual Reality Experience in Electrical and Electronics Education	<b>İpek Atik</b>	
Analysis of Coronary Heart Diseases with Kinetic Features by Applying Variational Mode Decomposition to ECG Signals and Classification Using Machine Learning Algorithms	<b>Firat Orhan Bulucu, Fatma Latifoğlu, Ayşegül Güven, Semra İçer, Aigul Zhusupova</b>	
Analysis of Turkish Datasets Used in Text Classification	<b>Belenay Yıldırım, Mehmet Fatih Karaca</b>	