



6th International Symposium on Multidisciplinary Studies and Innovative Technologies

SYMPOSIUM PROGRAM
(in-person)

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October 20-22, 2022, Ankara, Turkey

22 October 2022

Time (GMT+3)		
	ISTIKLAL 5	ISTIKLAL 6
10:00 am - 11:00 pm	Session 1.1 Artificial Intelligence & Machine Learning Big Data & Information Technology	Session 1.2: Innovative Research and Development
11:00 am - 11:15 am	Coffee Break	
	ISTIKLAL 5	
11:15 am - 11:45 am	Invited Speaker Ömer Nezih Gerek Eskişehir Technical University, Turkey <i>"Image processing for non-image data"</i>	
11:45 am - 1:00 pm	Coffee Break	
	ISTIKLAL 5	
1:00 pm - 1:30 pm	Invited Speaker A. Murat Özbayoğlu TOBB University of Economics & Technology, Turkey <i>"Deep Learning in Finance"</i>	
1:30 pm - 1:45 pm	Coffee Break	
	ISTIKLAL 5	ISTIKLAL 6
1:45 pm - 3:45 pm	Session 2.1 Artificial Intelligence & Machine Learning Robotic Automation and Control	Session 2.2: Communication and Networking Signal & Image Processing

Session 1.1. (ISTIKLAL 5)		Date: 22-Oct-2022
Chair: Ebubekir Yasar		Time (GMT+3): 10:00 am - 11:00 pm
Paper	Author (s)	
7 - Emotion Analysis on Turkish Texts: A Systematic Mapping Study	Gizem Altınay , Çiğdem Turhan	
290 - Evrimsel Sinir Ağları İle Meme Kanseri Tespiti	Ömer Faruk Ereken , Çiğdem Tarhan	
176 - Prediction Network Downtime Values Using Non-Negative Matrix Factorization	Ezgi Bingöl	
319 - Applying Word Embedding Methods On Customers For Classification	Ahmet Tuğrul Bayrak	
54 - A Systematic Comparison Between Flutter and React Native from Automation Testing Perspective	Husam Abu Zahra , Samer Zein	

Session 1.2. (ISTIKLAL 6)		Date: 22-Oct-2022
Chair: Sadık Onal		Time (GMT+3): 10:00 am - 11:00 pm
Paper	Author (s)	
220 - Compression Featured Lock Design Compatible for Outdoor Conditions	Mustafa Can , Engin Gunes, Anıl Akdoğan	
273 - Evaluation For Web GUI Automation Testing Tool - Experiment	Mariam Jaber , Fatima Azzam, Amany Saies, Samer Zain	
186 - Survey on Handwritten Recognition	Intisar A.M. Al Sayed, Azhar M. Kadim , Aseel B. Alnajjar, Hassan Muwafaq Ghani	
289 - A Recurrent and Meta-learned Model Of Weakly Supervised Object Localization	Mert Bulent Sariyildiz, Gencer Sumbul, Ramazan Gokberk Cinbis	
285 - Creating A New Supply Chain with Blockchain	Hasan Tolga Ünal , Arif Furkan Mendi, Burak Barış Fırat, Tunç Taner	

Invited Speaker		
Ömer Nezih Gerek		
"Image processing for non-image data"		
22-Oct-22	Time (GMT+3): 11:15 am - 11:45 am	Chair: Ebubekir Yasar (ISTIKLAL 5)

Invited Speaker		
A. Murat Özbayoğlu		
"Deep Learning in Finance"		
22-Oct-22	Time (GMT+3): 1:00 pm - 1:30 pm	Chair: Ebubekir Yasar (ISTIKLAL 5)

Session 2.1. (ISTIKLAL 5)		Date: 22-Oct-2022
Chair: Ebubekir Yasar		Time (GMT+3): 1:45 pm - 3:45 pm
Paper	Author (s)	
247 - Improved WBAN EH- MAC Protocol Based On Energy Harvesting And Wake Up – Sleep Duty Cycling Technique	Anhar Mohammed Hasan , Abdullahi Ibrahim	
308 - Kuantum Radar Teknolojileri	Arif Furkan Mendi, Ekin Madan, Hasan Tolga Ünal, Tunç Taner, Muhammed Bardakçı	
254 - Simulation Of Half-Center Oscillator Circuits Employing Newly Developed Models Of Fabricated Memristors	Mert Çolak , Selin Onay, Batuhan Orhan, Gianluca Milano, İtir Köymen	
10 - Kolay Kişiselleştirilebilir Akıllı Sanal Asistan	Güneş Harman, Emre Aydemir	
272 - Applying Perlin Noise On 3D Hexagonal Tiled Maps	Fatih Gürler , Esin Onbaşıoğlu	
216 - Using Digital Twins in mechatronics and manufacturing	David Fait , Václav Mašek, Roman Čermák	

Session 2.2. (ISTIKLAL 6)	Date: 22-Oct-2022
Chair: Sadık Onal	Time (GMT+3): 1:45 pm - 3:45 pm
Paper	Author (s)
288 - Comparison of Electromechanical Properties of Medium Voltage SF6 And Vacuum Circuit Breakers	Hidir Duzkaya, Suleyman Sungur Tezcan , Ahmet Ocak, Kaan Ozmen, Orkun Kilic, Volkan Akbucak
335 - Economical And Functional Display Solution For Microcontrollers	Ebubekir Yaşar
250 - A Survey On Machine Learning-based Automated Software Bug Report Classification	Ömer Köksal, Ceyhun Emre Öztürk
177 - Image Encryption Using Modulated Chaotic Maps	Nuri Aktas , Recep Demirci
286 - Framework Design for Similar Video Detection: A Graph Based Video Clustering Approach	Najla Al-Thani, Ashhadul Islam , Samir Belhaouari, Sahar Faramarzinia
313 - Performance Analysis of Feature Sets for Harmonic Radar to Classify Electronic Devices	Handan Ilbegi , Harun Taha Hayvaci, Imam Samil Yetik
187 - XorShiftAnd Random Number Generator For Image Encryption	Orkun Gokbulut , Recep Demirci