



3rd International Symposium on Multidisciplinary Studies and Innovative Technologies

SYMPOSIUM PROGRAM

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October 11 - 13, 2019 Ankara/Turkey

REGISTRATION**08:30 - Registration will continue for three days (October 11-13, 2019)****CHAIR: Dr. M. Emir Köksal****October 11, 2019 Friday 09:00 - 11:00****HALL: ISTIKLAL 1**

Paper	Speaker
5 - Analysis Of Temperature-Based Potential Evapotranspiration Methods In Northeastern Anatolia Region <i>Emre Topçu</i>	Emre Topçu
7 - Design Of Fractional Order Proportional-Integral-Derivative (FOPID) Controllers By Using 3-Dimensional (3-D) Plots <i>Mohamed Hassan Nor, Mehmet Emir Köksal</i>	Mohamed Hassan Nor
257 - An Interactive Web Tool For Classification Problems Based On Machine Learning Algorithms Using Java Programming Language: Data Classification Software <i>İbrahim Perçin, Fatma Hilal Yağın, A. Kadir Arslan, Cemil Çolak</i>	Fatma Hilal Yağın
260 - A Web-Based Application For Identifying Objects In Images: Object Recognition Software <i>Hasan Ucuzal, İpek Balıkçı Çiçek, Ahmet K. Arslan, Cemil Çolak</i>	İpek Balıkçı Çiçek
120 - A Comparison Of Hough Transform And Deep Neural Network Methods On Road Segmentation <i>Sıdıka Elbi Mutluoğlu, Tamer Ölmez</i>	Sıdıka Elbi Mutluoğlu
91 - Classification Methods In EEG Based Motor Imagery BCI Systems <i>Kadir Haltaş, Atilla Ergüzen, Erdal Erdal</i>	Kadir Haltaş
152 - Document Management System <i>M. Akçay, İbrahim Ardiç, Şendoğan Şen</i>	M. Akçay
153 - Book Monitoring System <i>M. Akçay, Özer Yaz</i>	M. Akçay

CHAIR: Dr. Hıdır Düzkaya**October 11, 2019 Friday 09:00 - 11:00****HALL: ISTIKLAL 3**

Paper	Speaker
224 - Cogging Torque Reduction in External Rotor PM Synchronous Motors by Optimum Pole Embrace <i>Mucahit Soyaslan, Yusuf Avsar, Ahmet Fenercioglu, Osman Eldogan</i>	Mucahit Soyaslan
177 - Flying Vehicle Detection Method At Low Altitude For IR Video Sequences <i>Ahmet G. Pakfiliz</i>	Ahmet G. Pakfiliz
67 - An Adaptive Neural Fuzzy Sliding Mode Control Scheme For Rotational Maneuvering And Vibration Suppression Of A Flexible Spacecraft <i>Muhammad Umair Khan, Tolgay Kara</i>	Tolgay Kara
109 - Analysis Of Molecular Orbital Properties Of SF6 With Density Functional Theory (DFT) <i>Sebla Dinçer, Mustafa Sezai Dinçer, Hıdır Düzkaya, Süleymen Sungur Tezcan</i>	Hıdır Düzkaya
209 - Design Trends for Line Start Permanent Magnet Synchronous Motors <i>Berkan Zöhra, Mehmet Akar</i>	Berkan Zöhra
133 - Machine Learning Applications In Disease Surveillance <i>Ezekiel T. Ogidan, Kamil Dimililer, Yöney Kirsal Ever</i>	Ezekiel T. Ogidan
61 - Training Wasserstein GANs For Estimating Depth Maps <i>Abdullah Taha Arslan, Erol Seke</i>	Abdullah Taha Arslan

CHAIR: Dr. Emine Akyol Özer**October 11, 2019 Friday 09:00 - 11:00****HALL: ISTIKLAL 4**

Paper	Speaker
45 - Fotopletismografi Tabanlı Ekonomik Nabız Ölçer Cihaz Tasarımı <i>Rukiye Uzun Arslan, Aytaç Korkmaz</i>	Rukiye Uzun Arslan
176 - Nesnelerin İnternetinde Şifreleme Algoritmalarının Performans Değerlendirmesi <i>Abdullah Sevin</i>	Abdullah Sevin
139 - Bulanık Resetlemeli PI Kontrolcü İle Fırçasız Doğru Akım Motorunun Hız Kontrolü <i>Muhammed Salih Sarıkaya, Adnan Derdiyok</i>	Muhammed Salih Sarıkaya
221 - Ölçeklendirilmiş Muth Dağılımı İçin Tahmin Yöntemlerinin Karşılaştırılması <i>Hayrinisa Demirci Biçer, Cenker Biçer</i>	Hayrinisa Demirci Biçer
110 - Directional Image Filter Using Rose Curve In Frequency Domain <i>Ömer Mintemur, Recep Demirci, Hilal Kaya</i>	Ömer Mintemur
43 - Unmanned Surface Vehicle With Drown Map System <i>Saad Al-Dakheel, Sibel Tariyan Ozyer, Faruk Can Ozdemir, Altug Karadag, Mahmood Al-Tekreeti</i>	Faruk Can Ozdemir
165 - A Mathematical Model Determining Additional Trains Into Current Timetable Under Operational Restrictions Of A Railway Station <i>Emine Akyol Özer, Tuğba Saraç</i>	Emine Akyol Özer
214 - Android İşletim Sistemine Dayalı Yaprak Tanıma Sisteminde Destek Vektör Makineleri ve K- En Yakın Komşuluk Algoritmalarının Performans Karşılaştırması <i>Onur Çelebi, Cem Ergin, Ayça Badem, Fulya Akdeniz, Yaşar Becerikli</i>	Fulya Akdeniz

11:00 - 11:15 Cafee Break

CHAIR: Dr. Hayrinisa D. Biçer	October 11, 2019 Friday 11:15 - 12:30	HALL: ISTIKLAL 1
Paper		Speaker
9 - Erzin (Hatay) Jeotermal Jeofizik Çalışması: Bir Çok-elektrotlu Rezistivite Uygulaması <i>Alperen Şahinoğlu, Adil Özdemir</i>		Adil Özdemir
10 - Çameli (Denizli) Huntit Cevherleşmesinin Jeolojik, Jeofizik Ve Karotlu Sondaj Yöntemleri İle İncelenmesi <i>Alperen Şahinoğlu, Adil Özdemir</i>		Adil Özdemir
272 - Hybrid Algorithm For Solving The Heterogeneous Fixed Fleet Vehicle Routing Problem <i>Melis Alpaslan Takan, Refail Kasımbeyli</i>		Melis Alpaslan Takan
220 - Power Lindley Ve Gama Dağılımları Arasında Ayrım Yapmak İçin Bir Test <i>Hayrinisa Demirci Biçer, Cenker Biçer</i>		Hayrinisa Demirci Biçer
212 - Ses Sinyalleri İle Cinsiyet Tespitinde Destek Vektör Makineleri, K- En Yakın Komşuluk, Yapay Sinir Ağları Ve Tekrarlayan Sinir Ağları Algoritmalarının Performans Değerlendirmesi <i>Fulya Akdeniz, Yaşar Becerikli</i>		Fulya Akdeniz
83 - ÖTÜKEN: Gerçekçi Test Verisi Oluşturmaya Yardımcı Web Uygulaması <i>Azmi Yüksel, Başak Şen</i>		Azmi Yüksel

CHAIR: Kutay Cüneray	October 11, 2019 Friday 11:15 - 12:30	HALL: ISTIKLAL 3
Paper		Speaker
258 - An Open Source Web-Based Software For Performing Permutation Tests <i>Zeynep Tunç, Şeyma Yaşar, Cemil Çolak</i>		Zeynep Tunç
259 - Open Source Web-Based Software To Evaluate Normal Distribution: Normality Assessment Software <i>A. Kadir Arslan, Zeynep Tunç, Cemil Çolak</i>		Zeynep Tunç
100 - Use Of Hybrid Photovoltaic-Thermal (PV/T) Solar Modules For Enhancing Overall System Efficiency <i>Mariama Ali Garba, Bulent Yesilata</i>		Mariama Ali Garba
18 - Low RPM Analysis Of Flywheel Models Of Varying Materials <i>Atif Saeed, Ehsan Iqbal</i>		Atif Saeed
95 - LCP Substrate Based Crescent Shaped Micro Strip Patch Array Antenna Design For 5G Applications <i>Kutay Cüneray, Nursel Akçam</i>		Kutay Cüneray

CHAIR: Dr. Samer Zein	October 11, 2019 Friday 11:15 - 12:30	HALL: ISTIKLAL 4
Paper		Speaker
243 - Breast cancer classification using a constructed convolutional neural network on the basis of the histopathological images by an interactive web-based interface <i>Ahmet Kadir Arslan, Şeyma Yaşar, Cemil Çolak</i>		Şeyma Yaşar
244 - Classification of brain tumor types by deep learning with convolutional neural network on magnetic resonance images using a developed web-based interface <i>Hasan Ucuzal, Şeyma Yaşar, Cemil Çolak</i>		Şeyma Yaşar
254 - The Design And Development Of An Extrusion System For 3D Printing Cementitious Materials <i>Abdulrahman Albar, Mohammad Rafiq Swash, Seyed Ghaffar</i>		Abdulrahman Albar
99 - A Model Based Approach For Android Design Patterns Detection <i>Diaeddin Rimawi, Samer Zein</i>		Samer Zein
35 - Designing A Secure IoT Network By Using Blockchain <i>Kerem Ataşen, Hakan Üstünel</i>		Kerem Ataşen
228 - A Deep Learning Architecture For Place Classification In Indoor Environment Via 2D Laser Data <i>Kaya Turgut, Burak Kaleci</i>		Kaya Turgut

LUNCH

HALL: ISTIKLAL 1 **KEYNOTE SPEECH**

Prof.Dr. Giuseppe Conte Polytechnic University of Marche, Ancona - Italy "Results in the Structural-geometric Approach to Switching Linear Systems"	October 11, 2019 Friday 13:30 - 14:00
Prof.Dr. Novruz Allahverdi KTO Karatay University, Turkey "Applications of Fuzzy Approach in Medicine. Problems and Perspectives."	October 11, 2019 Friday 14:00 - 14:30
Prof. Dr. Shahnaz N. Shahbazova Azerbaijan Tecchnical University, Azerbaijan "Lotfi Zadeh's Legacy: Biography, Inspirations for Mathematics, Systems Theory, Decision and Control"	October 11, 2019 Friday 14:30 - 15:00

15:00 - 15:30 Cafee Break

CHAIR: Prof.Dr. Novruz Allahverdi	October 11, 2019 Friday 15:30 - 16:45	HALL: ISTIKLAL 1
Paper		Speaker
44 - Aynı Şartlar Altında Farklı Üretici Çekişmeli Ağların Karşılaştırılması <i>Sara Altun, M. Fatih Talu</i>		Sara Altun
85 - 3B Modelleme İle Üretilen Boluslar İle Ticari Bolusun Kıyaslanması <i>Fatih Şamil Uludağ, Güven Çankaya, Hakan Oflaz</i>		Fatih Şamil Uludağ
157 - Electromagnetic Wave Propagation Equations In 2D By Finite Difference Method: Mathematical Case <i>N. Fusun Oyman Serteller</i>		N. Fusun Oyman Serteller
159 - Fırçasız Doğru Akım Motoru Stator Oluk Geometrisinin Ve Sargı Yapısının Sey İle Analizi <i>Öztürk Tosun, N.Fusun Oyman Serteller</i>		N. Fusun Oyman Serteller
240 - Derin Öğrenme İle Anahtar Kelime Ve Anahtar İfade Çıkarımı Üzerine Bir İnceleme <i>Özlem Ünlü(Kılıç), Aydın Çetin</i>		Özlem Ünlü(Kılıç)
39 - SQL Enjeksiyon Yöntemiyle Web Hizmetine Yönelik Saldırı Tespit Ve Analizi <i>İlker Kara, Murat Aydos</i>		İlker Kara

CHAIR: Dr. Yahya Altunpak	October 11, 2019 Friday 15:30 - 16:45	HALL: ISTIKLAL 3
Paper		Speaker
249 - Plane Segmentation Of Point Cloud Data Using Split And Merge Based Method <i>Burak Kaleci, Kaya Turgut</i>		Burak Kaleci
276 - Östenitik Paslanmaz Çelik Saclarda Direnç Nokta Kaynak Kalitesinin Arttırılması <i>Yahya Altunpak, Ali Güray Ertem</i>		Yahya Altunpak
204 - Investigation of Solar Properties of Infrared Reflective Pigment and Organic Pigment Coated Fabrics <i>Gizem MANASOĞLU, Semih SORUÇ, Mehmet KANIK</i>		Gizem MANASOĞLU
138 - Electromagnetic Shielding Effectiveness Of Woven Fabrics Made By Barium Titanate/Polyester Bicomponent Yarns <i>Rumeysa Celen, Yusuf Ulcay</i>		Rumeysa Celen
141 - Matlab/Simulink Ve X-Plane Uçuş Benzetim Programı Arası UDP Haberleşme İle Veri Transferi <i>Erhan Ersoy, Mehmet Kürşat Yalçın</i>		Erhan Ersoy

CHAIR: Dr. Yunus Emre Şimşek	October 11, 2019 Friday 15:30 - 16:45	HALL: ISTIKLAL 4
Paper		Speaker
129 - Graphene-like Highly Porous Activated Carbon Derived From Wild Plant For Carbon Dioxide Capture <i>Yunus Emre Şimşek</i>		Yunus Emre Şimşek
11 - GARDEN TECH: AUTOMATED FARMING <i>Atif Saeed, Syed Minhaj Ali, Murtaza Rafique, Muhammad Haseeb Marfani</i>		Atif Saeed
12 - Fabrication Of Automated Desktop Universal Tensile Testing Machine <i>Atif Saeed</i>		Atif Saeed
278 - Hand Gesture Recognition Using Convolutional Neural Network for People Who Have Experienced A Stroke <i>Norah Alnaim, Maysam Abbod, Abdulrahman Albar</i>		Abdulrahman Albar
164 - Lead-Free Soldering Risks And Reliability Problems In Space Electronics <i>Barış Çal</i>		Barış Çal
94 - Investigation Of The Effect Of Impact Velocity On The Energy Absorption Characteristics Of Crash Boxes <i>Peter Azor Okorugbo, Ali Evcil, Mehmet Ali Güler, Mahmut A. Savaş</i>		Peter Azor Okorugbo

CHAIR: Sadık Önal	October 11, 2019 Friday 15:30 - 16:45	HALL: ISTIKLAL 5
Paper	Speaker	
163 - Optimizing Of Speed Profile In Electrical Trains For Energy Saving With Dynamic Programming <i>Yağmur ARIKAN, Ertuğrul ÇAM</i>	Yağmur ARIKAN	
215 - Neural Networks Based Interaction Matrix Approximation For IBVS Applications <i>Tolga Yüksel</i>	Tolga Yüksel	
36 - Design Of Distance Control Relay With RFID <i>Ayetül Gelen, Tayfun Bayram</i>	Tayfun Bayram	
274 - Design Of A Second-Order Delta-Sigma ADC Based Read/Write Circuit For Memristive Crossbar Arrays <i>Seyma Songul Ozdilli, Dincer Gokcen</i>	Seyma Songul Ozdilli	
206 - Comparing Moment Capacities Of Damaged And Undamaged Tubular Members <i>Shokrullah Sorosh, Ali Sari</i>	Shokrullah Sorosh	

16:45 - 17:00 Cafee Break

CHAIR: Dr. M. Fatih Adak	October 11, 2019 Friday 17:00 - 18:30	HALL: ISTIKLAL 1
Paper	Speaker	
256 - An Ant Colony Optimization Memorizing Better Solutions (ACO-MBS) For Traveling Salesman Problem <i>Dursun EKMEKÇİ</i>	Dursun EKMEKÇİ	
251 - Identification Of Indoor Harmful Gas To Human Respiratory System Using Support Vector Machines <i>M. Fatih Adak, Serpil Ercan</i>	M. Fatih Adak	
115 - Outsourcing In Palestinian IT Sector: A Qualitative Study <i>Rawan Khader, Samer Zein</i>	Samer Zein	
42 - Kanola Yağı Biyodizeli-Etanol Harmanlarının Sıkıştırma İle Ateşlemeli Bir Motorun Performans Ve Emisyonlarına Etkisinin İncelenmesi <i>Yunus Gürkan, Cumali İlkılıç, Turgut Yılmaz, Cenk Sayın</i>	Yunus Gürkan	
59 - Prediction Of Protein-Protein Interactions With LSTM Deep Learning Model <i>Talha Burak Alakus, Ibrahim Turkoglu</i>	Talha Burak Alakus	

CHAIR: Dr. Derviş Erol	October 11, 2019 Friday 17:00 - 18:30	HALL: ISTIKLAL 3
Paper	Speaker	
111 - Semi-identical Solution To Nonlinear Euler-Bernoulli Beam Model <i>Bengi Yıldız, Berra Gültekin Sınır, Sümeyye Sınır</i>	Bengi Yıldız	
291 - The Future Of Fossil And Alternative Fuels Used In Automotive Industry <i>Battal Doğan, Derviş Erol</i>	Derviş Erol	
143 - Survey Of Network Security Issues And Solutions For The IoT <i>Azhar Murzaeva, Buğra Kepçeoğlu, Sercan Demirci</i>	Buğra Kepçeoğlu	
285 - Performance Analysis Of Between Software Defined Wireless Network And Mobile Ad Hoc Network (MANET) Under DoS Attack <i>Hüseyin POLAT, Esra SÖĞÜT, Onur POLAT, O. Ayhan ERDEM</i>	Onur POLAT	
48 - Augmented Reality Application For Preschool Children With Unity 3D Platform <i>Buse Asena Koca, Burakhan Çubukçu, Uğur Yüzgeç</i>	Uğur Yüzgeç	
49 - Virtual Eye Application For Visually Impaired Patients <i>Kübranur Kaya, Betül Çalık, Burakhan Çubukçu, Uğur Yüzgeç</i>	Uğur Yüzgeç	

CHAIR: Dr. Cemile Dede	October 11, 2019 Friday 17:00 - 18:30	HALL: ISTIKLAL 4
Paper		Speaker
103 - Building Decentralized Application On The Ethereum Blockchain <i>Ruhi Taş, Ömer Özgür Tanrıöver</i>		Ruhi Taş
131 - Developing Fast Techniques For Periodicity Analysis Of Time Series <i>Muneera Yousif Yaqoob Mohammed, Mete Celik</i>		Muneera Yousif Yaqoob Mohammed
108 - Optimal Operation Of Virtual Power Plant In A Day Ahead Market <i>Özge Pınar Akkaş, Ertuğrul Çam</i>		Özge Pınar Akkaş
101 - Use Of Hybrid Photovoltaic-Thermoelectric (PV-TE) Solar Module For Enhancing Overall System Efficiency <i>Aichatou Galy Adam, Bulent Yesilata</i>		Aichatou Galy Adam
230 - Classification Of Brain Tumors By Machine Learning Algorithms <i>Gökalp ÇINARER, Bülent Gürsel EMİROĞLU</i>		Gökalp ÇINARER
21 - Determination Of University Students' Knowledge And Awareness About Electronic Waste <i>Cemile Dede, Hakkı Bağcı, Nihan Mercan, Ömer Hulusi Dede</i>		Cemile Dede
CHAIR: Dr. Ebubekir Yaşar	October 11, 2019 Friday 17:00 - 18:30	HALL: ISTIKLAL 5
Paper		Speaker
235 - 3D Yazıcıda Üretilmiş "T" Tipi Bağlantı Elemanlarının Mobilya Köşe Birleştirmelerinde Kullanımı <i>Mehmet Nuri Yıldırım, Abdurrahman Karaman, Şemsettin Doruk</i>		Mehmet Nuri Yıldırım
236 - 3D Yazıcıda Üretilmiş Kavela Bağlantı Elemanının L Tipi Mobilya Köşe Birleştirmelerinde Kullanımı <i>Abdurrahman Karaman, Mehmet Nuri Yıldırım, Şemsettin Doruk</i>		Mehmet Nuri Yıldırım
247 - Syllogistic Yapıların Yönlü Graflar üzerinde Matematiksel Modellenmesi <i>Arif Gürsoy, İsmail Emre Kirazoğlu, Necla Kırçalı Gürsoy</i>		İsmail Emre Kirazoğlu
248 - Brain Computer Interface (BCI) For Controlling Path Planning Mobile Robots: A Review <i>Mohammed Subhi Hadi, Parvaneh Esmaili</i>		Mohammed Subhi Hadi
296 - Determination of Production Defects in Iron and Steel Sector by Data Mining <i>Ismail Burak Akıncı, Filiz Ersöz</i>		Ismail Burak Akıncı
297 - Evaluation Of The Applicability Of Industry 4.0 Processes In Businesses And Supply Chain Applications <i>Deniz Merdin, Filiz Ersöz</i>		Deniz Merdin
267 - Effects Of Polymer Thickness And Frequency On The TE-Mode Using Slab Waveguide <i>Saib Alwan, Wurod Qasim Mohamed, Hala Mahmood</i>		Saib Alwan
183 - An Approach To Privacy On Recommended Systems <i>Artan Luma, Blerton Abazi, Azir Aliu</i>		Artan Luma

CHAIR: Dr. Meryem Uluskan	October 12, 2019 Saturday 09:00 - 11:00	HALL: ISTIKLAL 1
Paper	Speaker	
137 - Web Based Smart Meter For General Purpose Smart Home Systems With ESP8266 <i>Sadık Yıldız, Mustafa Burunkaya</i>	Sadık Yıldız	
50 - Characterization Of Cancer Types By Applying Machine Learning Methods On Blood RNA-Sequencing Data <i>Cem Bugra Alkan, Zerrin Isik</i>	Cem Bugra Alkan	
186 - Design Of Experiments Based Six Sigma DMAIC Application: Electrostatic Powder Coating Process <i>Meryem Uluskan</i>	Meryem Uluskan	
76 - Böbrek Tümör Segmentasyonu İçin Unet Ve Unet-ResNet Modellerinin Karşılaştırılması <i>Fuat Türk, Murat Lüy, Necaattin Barışçı</i>	Fuat Türk	
87 - High Voltage Pulse Generator For Pulsed Electric Field Treatments <i>Melih Coban, Murat Fidan</i>	Melih Coban	
88 - Fuzzy Logic Based Temperature Control <i>Melih Coban, Murat Fidan</i>	Melih Coban	
191 - Extraction Of Numerical Data From Categorical Data Set And Artificial Neural Networks <i>Ahmet Hıfzı Bacaksız, Eren Esgin</i>	Ahmet Hıfzı Bacaksız	

CHAIR: Dr. Ebru Tekin Bilbil	October 12, 2019 Saturday 09:00 - 11:00	HALL: ISTIKLAL 3
Paper	Speaker	
154 - Otomobil Farı Yollukların Kesimi İçin Makine Geliştirilmesi <i>Buse Gizem Azezli, Mehmet Öztürk</i>	Buse Gizem Azezli	
217 - Tarım Arazisi Verimliliği Algoritmasının Başlangıç Popülasyonunun Kaotik Haritalarla Oluşturulması <i>Meral Kaya, Ahmet Bedri Özer, Soner Kızılloluk</i>	Meral Kaya	
127 - Big Data In Cloud Computing And Internet Of Things <i>Can Eyüpoğlu</i>	Can Eyüpoğlu	
34 - Kuantum Bilgi Yönetim Sistemlerinde Elektronik Belgelerin Ağ Üzerinden Güvenli Dağıtımı <i>Cumali Yaşar, İhsan Yılmaz</i>	Cumali Yaşar	
118 - Yerel Yönetimler Ve Yenilikçi Teknolojiler: İstanbul Ve İzmir Büyükşehir Belediyeleri'nin Atık Yönetim Politikalarının Karşılaştırması <i>Ebru Tekin Bilbil</i>	Ebru Tekin Bilbil	
80 - Makine Öğrenmesiyle Kredi Riski Tahmini <i>Hamdi Okur, Aydın Çetin</i>	Hamdi Okur	

CHAIR: Dr. Ayşe Nihan Basmacı	October 12, 2019 Saturday 09:00 - 11:00	HALL: ISTIKLAL 4
Paper	Speaker	
90 - Analysis Of Impact Of Electric Vehicles On Distribution Grid Using Survey Data <i>Melih Coban, S. Sungur Tezcan</i>	Melih Coban	
72 - Akıllı Araç Ekosistemlerinde Blockchain Tabanlı Güvenli Veri Yönetim Modeli <i>Mohammed Alsadi, Sadık Yıldırım, Sevinç Gülseçen, Büşra Özdenizci Köse, Vedat Coşkun</i>	Mohammed Alsadi	
75 - Classification And Success Investigation Of Biomedical Data Sets Using Supervised Machine Learning Models <i>Sarmad N. Mohammed, Mehmet Serdar Guzel, Erkan Bostanci</i>	Sarmad N. Mohammed	
89 - Network Anomaly Detection System Using Genetic Algorithm, Feature Selection And Classification <i>Elif İpek Uysal, Gülnur Demircioğlu, Gülsade Kale, Erkan Bostanci, Mehmet Serdar Güzel, Sarmad N. Mohammed</i>	Sarmad N. Mohammed	
144 - A Fast Simulation Model For Large Scale Battery Packs Used In Heavy Electric Vehicles <i>Birand Erdoğan, Murat Mustafa Savrun, Tahsin Köroğlu, Mehmet Uğraş Cum, Mehmet Tümay</i>	Birand Erdoğan	
245 - Electromagnetic Frequency Response Of Graded Structures <i>Ayşe Nihan Basmacı</i>	Ayşe Nihan Basmacı	
60 - American Sign Language Character Recognition With Capsule Networks <i>Metin Bilgin, Korhan Mutludoğan</i>	Korhan Mutludoğan	

CHAIR: Dr. Şafak Kayıkçı	October 12, 2019 Saturday 09:00 - 11:00	HALL: ISTIKLAL 5
Paper	Speaker	
146 - A SEM Study On Aedeagus And Spermatheca Of Cassida Fausti Spaeth & Reitter, 1926 (Coleoptera: Chrysomelidae: Cassidinae) From Turkey <i>Neslihan Bal, Hüseyin Özdikmen, Fatih Ataş, Damla Amutkan Mutlu, Zekiye Suludere</i>	Neslihan Bal	
150 - Electric Vehicle And Charging Strategies For Upcoming Demand <i>Murat Furat</i>	Murat Furat	
71 - Cardiac Sound Analyzation Using Convolutional Neural Network <i>Şafak Kayıkçı</i>	Şafak Kayıkçı	
175 - Lightning Electric Field Analysis Of A Transformer Using ANSYS Maxwell <i>Selva Bal, Tuğçe Demirdelen, Mehmet Tümay</i>	Selva Bal	
271 - An Adaptive Passivity Based Control Of Grid Connected VSC With Integral Action <i>Akin Uslu, Necdet Sinan Özbek, Mehmet Timur Aydemir</i>	Akin Uslu	
264 - EVENT-BASED CONTROL STRATEGIES FOR HVAC APPLICATIONS <i>Necdet Sinan Özbek, Akin Uslu</i>	Akin Uslu	

11:00 - 11:15 Cafee Break

CHAIR: Dr. Marina Nagervadze	October 12, 2019 Saturday 11:15 - 12:30	HALL: ISTIKLAL 1
Paper	Speaker	
252 - Bebek Gazını Gidermeye Yardımcı Elektronik Bel Bandı <i>MUSA BUTE</i>	Musa Bute	
189 - Comparison Of Different Submodule Topologies In Modular Multilevel Converters <i>Mehmet Kurtoğlu, Ali Osman Arslan, Fatih Eroğlu, Ahmet Mete Vural</i>	Mehmet Kurtoğlu	
283 - Investigation Of MPPT Algorithms Under Partial Shading And Changing Atmospheric Conditions In PSIM Environment <i>Zehan KESILMIS, Mustafa Alpaslan KARABACAK, Murat AKSOY</i>	Mustafa Alpaslan KARABACAK	
241 - Hedeflemeli Manyetik Hipertermi İçin Alansız Bölge Oluşturma Yöntemlerinin FEM Simulasyonu İle Karşılaştırılması <i>Serhat KÜÇÜKDERMENCİ</i>	Serhat KÜÇÜKDERMENCİ	
113 - Bir İşletmenin Yapay Sinir Ağları (YSA) İle Kestirimci Bakım Planlaması <i>Mithat Zeydan, Sümeyra Gülbahar</i>	Sümeyra Gülbahar	
38 - Blokzinciri Teknolojisinin GSM Operatörleri Roaming Hizmetlerinde Kullanımı <i>Rami Urfalıoğlu, Mustafa Alkan, İbrahim Alper Doğru</i>	Rami Urfalıoğlu	

CHAIR: Dr. Parvaneh Esmaili	October 12, 2019 Saturday 11:15 - 12:30	HALL: ISTIKLAL 3
Paper	Speaker	
147 - A SEM Study On Aedeagus And Spermatheca Of Cassida Rubiginosa Müller, 1776 (Coleoptera: Chrysomelidae: Cassidinae) From Turkey <i>Neslihan Bal, Hüseyin Özdikmen, Fatih Ataş, Damla Amutkan Mutlu, Zekiye Suludere</i>	Neslihan Bal	
223 - Electrochemical Determination of Potassium Ferricyanide using Artificial Intelligence <i>Suleyman Asir, Kamil Dimililer, Yoney Kirsal-Ever, Mehmet Özsöz, Nemah Abu Shama</i>	Nemah Abu Shama	
40 - ANFIS BASED UKF-SLAM PATH PLANNING METHOD <i>Salman Sahib M.Gharib, Parvaneh Esmaili</i>	Parvaneh Esmaili	
171 - Palladyum Nanokompozit Tabanlı Elektrokimyasal Ve Kolorimetrik Sinyallere Dayalı Biyosörlerin Geliştirilmesi <i>Elif Esra Altuner, Veli Cengiz Özalp, Mahmut Deniz Yılmaz, Emine Özcan</i>	Elif Esra Altuner	
37 - Battery Charging Circuit Design For A Real PV System <i>Ayetül Gelen, Mehdi Ayık</i>	Mehdi Ayık	
151 - Horizontal Rotating Charging Platform For Electric Vehicles <i>Senem Kocaoğlu, Nazlı Sümeyra Dağılgan, Murat Furat</i>	Senem Kocaoğlu	

CHAIR: Dr. Guguli Dumbadze	October 12, 2019 Saturday 11:15 - 12:30	HALL: ISTIKLAL 4
Paper	Speaker	
226 - Detection And Mitigation Of Cybersickness Via EEG-Based Visual Comfort Improvement <i>Ufuk Celikkan</i>	Ufuk Celikkan	
172 - Three-Phase Distribution Transformer Modeling And Electromagnetic Transient Analysis Using ANSYS Maxwell <i>Selva Bal, Tuğçe Demirdelen, Mehmet Tümay</i>	Selva Bal	
284 - Drinking Water Problems In Khelvachauri Municipality (Georgia) <i>Guguli Dumbadze, Nino Lomtadze, Nargiz Alasania, Mamuka Mikeladze, Joni Zoidze</i>	Guguli Dumbadze	
122 - Performance Comparison Of Phase-Shifted Carrier PWM Techniques On Cascaded H-Bridge Multilevel Inverters With Unequal DC Voltages <i>Fatih Eroğlu, Mehmet Kurtoğlu, Ali Osman Arslan, Ahmet Mete Vural</i>	Fatih Eroğlu	
66 - Böcek Kovucu Esansiyel Yağların İncelenmesi <i>Şeyda Eyüpoğlu</i>	Şeyda Eyüpoğlu	
182 - Smart Clothing Recommendation System with Deep Learning <i>Batuhan Aşiroğlu, Mehmet İlkay Atalay, Alkan Balkaya, Erden Tüzünkan, Mustafa Dağtekin, Tolga Ensari</i>	Mehmet İlkay Atalay	

CHAIR: Atif Saeed	October 12, 2019 Saturday 11:15 - 12:30	HALL: ISTIKLAL 5
Paper	Speaker	
73 - Investigation Of Resized Shell Chain Code Behavior In Rotated Shapes <i>Haydar Tuna, Recep Demirci</i>	Haydar Tuna	
156 - Elektrik Dağıtım Yatırımlarının Belirlenmesinde Veri Zarflama Analizi Tabanlı Bir Yöntem <i>Onur Dönmezçelik, H. Hasan Örcü</i>	Onur Dönmezçelik	
19 - Frictional Analysis Of Different Coatings On MS Material In Order To Increase The Life Of Machine Element <i>Atif Saeed</i>	Atif Saeed	
130 - FISTA-based Approach For SAR Image Reconstruction From 1-bit Quantized Data <i>Mehmet Demir, Ergun Erçelebi</i>	Mehmet Demir	
265 - Optimal Carrier Frequency Swapping For PD-PWM In Modular Multilevel Converter <i>Ali Osman Arslan, Fatih Eroğlu, Mehmet Kurtoğlu, Ahmet Mete Vural</i>	Ali Osman Arslan	
166 - Bulanık Mantık Tabanlı Düşük Hız Takibi İçin Uyarlamalı Hız Kontrolü <i>Atakan Ondoğan, Hasan Serhan Yavuz</i>	Atakan Ondoğan	

LUNCH

HALL: ISTIKLAL 1	KEYNOTE SPEECH
Prof. Dr. Shahnaz N. Shahbazova Azerbaijan Technical University, Azerbaijan <i>"Models and Methods of Design of Knowledge Based Fuzzy Neural Networks "</i>	October 12, 2019 Saturday 13:30 - 14:00
Prof. Dr. Serhii Yevseiev Kharkiv National University, Ukraina <i>"McElice and Niederreiter crypto-code constructions in post-quantum cryptography "</i>	October 12, 2019 Saturday 14:00 - 14:30
Dr. Marina Nagervadze Batumi Shota Rustaveli State Univeristy, Georgia <i>"Erythrocyte blood groups antigens and native and immune antibodies in different populations "</i>	October 12, 2019 Saturday 14:30 - 15:00
Dr. Sadia Samar Ali King Abdul-Aziz University, Saudi Arabia <i>"Mediating effect of interanl practices concern: Bridge between External practices and top managements commitment for low carbon performance "</i>	October 12, 2019 Saturday 15:00 - 15:30

15:30 - 16:00 Cafee Break

CHAIR: Dr. Recep Ünal	October 12, 2019 Saturday 16:00 - 18:30	HALL: ISTIKLAL 1
Paper	Speaker	
294 - Perikardial Sıvısı Bulunan Evcil Hayvanlarda 20 Yıllık Ekokardiografik Muayene Bulguların Değerlendirilmesi <i>Melahat Toker</i>	Melahat Toker	
198 - Effect of Hydrogen Doping to MgTiH ₃ Perovskite Type Hydride to Enhance Hydrogen Storage Properties <i>Aysenur Gencer, Gokhan Surucu</i>	Aysenur Gencer	
187 - An Ab Initio Study Of Cr And Mn Doped MAX Phase TiMSiB <i>Buğra Yıldız, Gökhan Sürücü, Aytac Erkisi</i>	Buğra Yıldız	
218 - Fabrication Of Polyamide 6 Composite Films By Solvent Casting <i>Buse Nur BILICI, Sultan KARADUMAN, Serife AKKOYUN</i>	Buse Nur BILICI	
275 - Concentrated Photovoltaic Solar Power Investigation In Space Application <i>Ömer Faruk KESER, Buğrahan İDARE</i>	Buğrahan İDARE	
173 - A Generalized Deep Learning Model For Glaucoma Detection <i>Sertan Serte, Ali Serener</i>	Ali Serener	
174 - Keratinocyte Carcinoma Detection Via Convolutional Neural Networks <i>Ali Serener, Sertan Serte</i>	Ali Serener	
124 - The Antiproliferative Effects Of Cultivated Spirogyra Ellipsospora <i>Tuğba Demiriz Yücer, Köksal Pabuçcu</i>	Tuğba Demiriz Yücer	
295 - Habercilik Eğitiminde WhatsApp Kullanımı: Olanaklar Ve Sınırlılıklar <i>Recep Ünal</i>	Recep Ünal	

CHAIR: Dr. Mehmet Emir Koksal	October 12, 2019 Saturday 16:00 - 18:30	HALL: ISTIKLAL 3
Paper	Speaker	
196 - Variation Of Radiated Emission From Heatsinks On PCB According To Fin Types <i>Habib Dogan, İbrahim Bahadır Basyigit, Abdullah Genc</i>	Habib Dogan	
216 - 1,10-Fenantrolin İçeren Polimer İçerikli Membranlarla Metal Ekstraksiyonu <i>Aynur Manzak, Melike Sezer, Yasemin Yıldız, Nebahat Demirhan</i>	Yasemin Yıldız	
222 - Modelling and Torque Control of an Non-Linear Friction Inverted Pendulum driven with a Rotary Series Elastic Actuator <i>Mohammad Javad FOTUHI, Zied BEN HAZEM, Zafer BINGUL</i>	Mohammad Javad FOTUHI	
135 - Hand And Face Segmentation With Deep Convolutional Networks Using Limited Labelled Data <i>Ozge Mercanoglu Sincan, Sinan Gencoglu, Mert Bacak, Hacer Yalim Keles</i>	Ozge Mercanoglu Sincan	
47 - Canny Edge Detector With Half Entropy <i>Ufuk Tanyeri, Mahmut Kılıçaslan, Recep Demirci</i>	Ufuk Tanyeri	
14 - Design And Analysis Of Un-armed Underwater Vehicle (UUV) <i>Atif Saeed</i>	Atif Saeed	
15 - Step Towards Sustainable Energy: Practices And Approaches <i>Atif Saeed</i>	Atif Saeed	
162 - Diabetes Data Analysis Via Gaussian Membership Functions With Deep Neural Networks <i>Mustafa Bayram GÜCEN, Hasan Aykut KARABOĞA</i>	Mustafa Bayram GÜCEN	
158 - Reliability Analysis Of Assembly Processes Performed By Human-Robot Interaction <i>Mustafa Çoban, Özgür Turay Kaymakçı, Gökhan Gelen</i>	Mustafa Çoban	
119 - Hybrid Database Design Combination Of Blockchain And Central Database <i>Emre Şafak, Arif Furkan Mendi, Tolga Erol</i>	Emre Şafak	
65 - Decomposition Of Fourth-Order Linear Time-Varying System Into Its Twin Second-Order Commutative Pairs <i>Salisu Ibrahim, Mehmet Emir Koksal</i>	Mehmet Emir Koksal	

CHAIR: Dr. Guguli Dumbadze	October 12, 2019 Saturday 16:00 - 18:30	HALL: ISTIKLAL 4
Paper	Speaker	
286 - Experiments On Glass To Determine The Best Glass Base On Comfort In Cyprus Weather <i>Lida Ebrahimi Vafaei</i>	Lida Ebrahimi Vafaei	
293 - Survey Of Energy Systems In Nicosia, TRNC <i>Lida Ebrahimi Vafaei</i>	Lida Ebrahimi Vafaei	
288 - Color Effect On Perception Of Taste In Online Storefronts <i>Ana Zakaradze, Salome Gordeladze, Ana Shervashidze, Natia Kapanadze, Giorgi Mamulashvili, Elena Sokolova</i>	Ana Zakaradze	
232 - Comparison Of Kalman Filters And LSTM Networks For Error Reduction Problem <i>Zeynep ÖZDEMİR, Mehmet Serdar GÜZEL</i>	Zeynep ÖZDEMİR	
289 - Geofencing On The Real Time GPS Tracking System And Improving GPS Accuracy With Moving Average, Kalman Filter And Logistic Regression Analysis <i>Zeynep ÖZDEMİR, Bülent TUĞRUL</i>	Zeynep ÖZDEMİR	
290 - ASSESSMENT OF ROLE OF INNOVATIVE TECHNOLOGY THROUGH BLOCKCHAIN TECHNOLOGY IN GHANA'S COCOA BEANS FOOD SUPPLY CHAINS <i>SALISU MUSAH, TUNÇ DURMUŞ MEDENİ, DEMET SOYLU</i>	SALISU MUSAH	
54 - Kinect Based Office Exercises: BreakOut <i>Buse Garip, Burakhan Çubukçu, Zafer Serin, Uğur Yüzgeç</i>	Burakhan Çubukçu	
55 - Real-time 2D Human Skeleton Monitoring System <i>Sedef Kılıççeken, Burakhan Çubukçu, Uğur Yüzgeç</i>	Burakhan Çubukçu	
24 - A Simple Way For Estimating Mechanical Properties From Stress-Strain Diagram Using MATLAB And Mathematica <i>Emre Yılmaz, Samet Yavuz</i>	Samet Yavuz	

CHAIR: Dr. Ebubekir Yaşar	October 12, 2019 Saturday 16:00 - 18:30	HALL: ISTIKLAL 5
Paper	Speaker	
51 - Ski Slopes Digitalization And Rating Analysis Of Ski Resorts In Mavrovo And Popova Shapka <i>Andreja Naumoski, Georgina Mirceva, Kosta Mitreski</i>	Andreja Naumoski	
52 - Bodybuilding Gyms And Sports Goods Centers In Skopje <i>Bozidar Stevanoski, Andreja Naumoski</i>	Andreja Naumoski	
53 - GIS Analysis For New Location Of Food Related Buildings Near Schools In Tetovo <i>Marjan Ralevski, Andreja Naumoski</i>	Andreja Naumoski	
292 - Application Software Design For Low-Power Hybrid Systems <i>Volkan Karaca, Sadık Önal</i>	Sadık Önal	
282 - %25.2 Boscalid + %12.8 Pyraclostrobin Fungusitinin Kök, Gövde Büyümesi ve % Mitotik İndeks Üzerine Etkileri <i>Yasin Eren</i>	Yasin Eren	
56 - A Mathematical Software For Deduction Of Categorical Syllogisms <i>Arif Gursoy, Tahsin Oner, Ibrahim Senturk, Necla Kircali Gursoy</i>	Ibrahim Senturk	
79 - Bilişsel Radyo Sistemlerinde Kovaryans Tabanlı İşbirlikli Spektrum Algılama <i>Fatih Yavuz Ilgın, Cebrail Çiflikli</i>	Fatih Yavuz Ilgın	
238 - Investigation Of Different Membrane Materials Effects In CMUT Membrane Behaviour <i>Abdullah İrfan YAŞAR, Fikret YILDIZ</i>	Fikret YILDIZ	
140 - Estimating GSR By Empirical Models: Case Study For İskenderun, Turkey <i>İlker Mert</i>	İlker Mert	
112 - Performance Analysis Of Optimization Algorithms On Stacked Autoencoder <i>Kemal Adem, Serhat Kılıçarslan</i>	Serhat Kılıçarslan	
134 - Manufacturing Graphene Via Laser Heating <i>Davut Izci, John Hedley</i>	Davut Izci	
179 - Three-Phase Induction Motor Speed Estimator Using Genetic Algorithm Based On Elman Recurrent Neural Network <i>Husam Al-Behadili, Majid Dubakh, Ayam Abbas</i>	Husam Al-Behadili	
213 - SDN-based Detection And Mitigation System For DNS Amplification Attacks <i>Kaan Özdingçer, Hacı Ali Mantar</i>	Kaan Özdingçer	
233 - Türkiye'de Teknoloji Odaklı Web Sitelerinin Okunabilirlik Analizi <i>Gökmen H. Karadağ</i>	Gökmen H. Karadağ	

CHAIR: Dr. Ümit İlhan	October 13, 2019 Sunday 09:00 - 11:00	HALL: ISTIKLAL 1
Paper	Speaker	
121 - Forecasting Measles Cases In Ethiopia Using Neuro-Fuzzy Systems <i>Kaan Uyar, Ümit İlhan, Erkut İ. İşeri, Ahmet İlhan</i>	Ümit İlhan	
96 - The Use Of Laccase Enzyme In The Removal Of Textile Dyes <i>Rüya Hürmüzlü, Müjgan Okur, Nurdan Saraçoğlu</i>	Rüya Hürmüzlü	
207 - Thin Film Heterojunction Solar Cell Based On CuSbSe2 Absorber Layer <i>Özge Sürücü</i>	Özge Sürücü	
57 - Opposition Based Gray Wolf Algorithm For Feature Selection In Classification Problems <i>Melis Karakaş, Uğur Yüzgeç</i>	Melis Karakaş	
178 - Classification Of Lung Nodules Using Textural Features <i>Önder Demir, Ali Yılmaz Camurcu</i>	Önder Demir	
273 - Support Vector Regression Analysis For The Design Of Feed In A Rectangular Patch Antenna <i>Sadık Ülker</i>	Sadık Ülker	
125 - I-safe Technology For Smart And Secure Vehicles <i>Syed Umaid Ahmed, Ghulam E Mustafa Abro, Affan Khan</i>	Ghulam E Mustafa Abro	
32 - Optimum Design Of PID Controller In AVR System Using Harris Hawks Optimization <i>Serdar Ekinci, Baran Hekimoğlu, Erdal Eker</i>	Erdal Eker	
33 - Speed Control Of DC Motor Using Improved Sine Cosine Algorithm Based PID Controller <i>Serdar Ekinci, Baran Hekimoğlu, Ayşen Demirören, Erdal Eker</i>	Erdal Eker	
123 - Maximum Power Extraction From PMSG Based VS-WECS By Using Variable Step-Size P&O Method <i>Emre Hasan Dursun, Ahmet Afsin Kulaksiz</i>	Emre Hasan Dursun	

CHAIR: Dr. Muhammed Yasin Durgun	October 13, 2019 Sunday 09:00 - 11:00	HALL: ISTIKLAL 3
Paper	Speaker	
68 - Üç Boyutlu Uzayda Çok Yöneticili Mobil Robotlar ile Sürü Hareketi Planlaması <i>Zülal Tosunoğlu, Serkan Kurt</i>	Zülal Tosunoğlu	
169 - Saf Oransal Seyrüsefer Ve Hız Takibi Güdüm Yöntemlerinin Füzeler İçin Değerlendirilmesi <i>Gözde Yılmaz, Derya Yılmaz</i>	Gözde Yılmaz	
261 - Farklı Memristör Emülatörlerinin Alçak Geçiren Filtre Devresinde Karşılaştırılması <i>Sevgi Gürsul, Serdar Ethem Hamamci</i>	Sevgi Gürsul	
142 - High Temperature Resistance Of Metakaolin Added Afşin-Elbistan Fly Ash Based Geopolymers <i>Muhammed Yasin Durgun, Ahmet Hayrullah Sevinç</i>	Muhammed Yasin Durgun	
181 - Camın Bükülmesi ve Cam Mobilya <i>Yaprak Özel, Zerrin Funda Ürük, İbrahim Erol</i>	İbrahim Erol	
200 - Yorulma Etkisindeki Rüzgar Türbinlerinin Yaşam Ömürlerinin Değerlendirilmesi <i>Onur GÜNEŞ, Elif ALTUNSU, Ali SARI</i>	Onur GÜNEŞ	
246 - The Effect Of Friction Welding On Buckling Analysis <i>Seckin Filiz, Mümin Sahin</i>	Seckin Filiz	
195 - Sanal Asistan Uygulamaları İçin Derin Öğrenme Yöntemiyle Cümle Sınıflandırma <i>Gurur Pirana, Ahmet Sertbaş, Tolga Ensari</i>	Gurur Pirana	
280 - High Speed Comparator Design For The Implementation Of Successive Approximation Register ADC <i>Ersin Alaybeyoğlu</i>	Ersin Alaybeyoğlu	

CHAIR: Dr. Harun Celik	October 13, 2019 Sunday 09:00 - 11:00	HALL: ISTIKLAL 4
Paper	Speaker	
58 - Development Of Methods To Detect Movement Disorders In Parkinson's Disease <i>Nilgün Öztürk Mutlu, M. Cenk Akbostancı, Fikret Arı, F. Tuğra Karaarslan</i>	Nilgün Öztürk Mutlu	
193 - Predicting Tailpipe NOx Emission Using Supervised Learning Algorithms <i>Kutsev Bengisu Altuğ, Sami Emre Küçük</i>	Kutsev Bengisu Altuğ	
160 - Biometric System Design Based On Nailprint Recognition <i>Durmuş Volkan Özay, Mert Yeşil, Erkan Zeki Engin</i>	Durmuş Volkan Özay	
231 - A Taguchi Analyze On Magnesium Sulfate Resistance Of Mineral Containing Concrete <i>Ahmet Hayrullah SEVİNÇ, Muhammed Yasin DURGUN</i>	Ahmet Hayrullah SEVİNÇ	
197 - Performance Analysis Of Machine Learning Algorithms And Feature Selection Methods On Hepatitis Disease <i>Ebru Aydındag Bayrak, Pinar Kirci, Tolga Ensari</i>	Ebru Aydındag Bayrak	
84 - Comparison Of Multi-Label Classification Algorithms For Code Smell Detection <i>Elife Ozturk Kiyak, Derya Birant, Kokten Ulas Birant</i>	Elife Ozturk Kiyak	
208 - Image Based Guidance For Near Rendezvous And Docking Of Spacecraft <i>Harun Celik</i>	Harun Celik	
86 - Flower Classification With Deep CNN And Machine Learning Algorithms <i>Büşra Rümeyisa Mete, Tolga Ensari</i>	Büşra Rümeyisa Mete	

CHAIR: Dr. Halil Snopce	October 13, 2019 Sunday 09:00 - 11:00	HALL: ISTIKLAL 5
Paper	Speaker	
3 - An Innovative Approach To Pain Management In End-Stage Renal Failure Patients: Virtual Reality Immersion <i>Neşe Altınok Ersoy</i>	Neşe Altınok Ersoy	
4 - Artificial Intelligence And Nursing <i>Neşe Altınok Ersoy</i>	Neşe Altınok Ersoy	
205 - UNITY 3D Oyun Yapma Simulatörü İle 3D Oyun Tasarımı <i>Gizem Boyraz, Pinar Kirci</i>	Pinar Kirci	
192 - Scheduling Algortihm Comparison In HetNet Based LTE-A <i>Zwan Hani Mahdi, Tara Ali Yahiya, Pinar Kirci</i>	Pinar Kirci	
102 - Virtual Power Plant (VPP) Application For Rooftop Photovoltaic Systems <i>Obed Nelson Onsomu, Bulent Yesilata</i>	Obed Nelson Onsomu	
190 - Yarı Prefabrikasyon Ahşap Paneller Ve Lamine Kirişler İle Üretilen Ekolojik Yaklaşımli Konut Tasarımı Ve Uygulaması: Sincap Evler Projesi <i>Jülide Edirne Erdiñç, Uğur Özcan, Gökhan Duran</i>	Gökhan Duran	
287 - Hate Speech Detection For Codeswitched Text Messages <i>Edward Ombui, Lawrence Muchemi, Peter Wagacha</i>	Edward Ombui	
27 - M-Learning The Future Of Learning, Analyses Of Its Usage Possibilities <i>Halil Snopce, Majlinda Fetaji</i>	Halil Snopce	

11:00 - 11:15 Cafee Break

CHAIR: Dr. Erkan Kaplanoglu	October 13, 2019 Sunday 11:15 - 12:30	HALL: ISTIKLAL 1
Paper	Speaker	
202 - Importance Of Power Flow And Load Analysis In Pre-Installation Power Systems <i>Enes Cengiz, Cemal Yılmaz, Ercan Nurcan Yılmaz, Hamdi Tolga Kahrman</i>	Enes Cengiz	
188 - Innovation Management Cycle from Idea Generation to Productization: A Case Study On a Global Bus Manufacturing Company <i>Erkan Döner, Efe Efeoğlu</i>	Erkan Döner	
97 - Portable EMG Monitoring System For Hippotherapy <i>Erkan Kaplanoglu, M. Munzer Alseed, Neslihan Karabacak, Zubeyir Sari</i>	Erkan Kaplanoglu	
116 - Performance Enhancement Of Magnetic Ball Suspension System Using Hybrid Whale Optimization Algorithm With Simulated Annealing <i>Serdar Ekinci, Ayşen Demirören, Baran Hekimoğlu, Erdal Eker</i>	Erdal Eker	
117 - Hybrid Firefly And Particle Swarm Optimization Algorithm For PID Controller Design Of Buck Converter <i>Serdar Ekinci, Baran Hekimoglu, Erdal Eker, Davut Sevim</i>	Erdal Eker	
170 - İnsan Yüz Bölgesi Özniteliklerinin Elde Edilmesi İçin Yarı Otomatik Yaklaşım <i>Akın Öztopuz, Bahadır Karasulu</i>	Akın Öztopuz	

CHAIR: Dr. Fırat Şal	October 13, 2019 Sunday 11:15 - 12:30	HALL: ISTIKLAL 3
Paper	Speaker	
29 - A High-Performance HOG Extractor On A Graphic Processor Unit <i>Fatma Elzahra Sayadi, Haythem Bahri, Mohamed Atri</i>	Fatma Elzahra Sayadi	
128 - Effect Of Morphing On Control Energy Of Output Variance Constrained Controller For Load-Carrying UAVs <i>Fırat Şal</i>	Fırat Şal	
270 - Association Rule Mining On The BIST100 Stock Exchange <i>Erkut Memiş, Hilal Kaya</i>	Erkut Memiş	
194 - Rüzgar Türbinlerinin Sismik Davranışı <i>Elif Altunsoy, Onur Güneş, Ali Sarı</i>	Elif Altunsoy	
81 - Analysis, Design And Simulation Of High Step-Up Developed Dc-Dc Converter <i>İsrar Hussain, Ebrahim Babaei</i>	İsrar Hussain	
82 - Modeling, Simulation Of Buck Boost Converter Using (P&O) MPPT And Control Of Battery Charging Application With Fewer Oscillations <i>İsrar Hussain, Muhammad Zohaib, Ebrahim Babaei</i>	İsrar Hussain	
126 - Nonlinear Finite Element Analysis of Unreinforced Masonry Walls <i>Muhammed Buğra Cıplak, Metin Karslıoğlu, Zeynep Ünsal Aslan, Bilge Doran, Cüneyt Vatansever</i>	Muhammed Buğra Cıplak	
CHAIR: Dr. Emre Dandil	October 13, 2019 Sunday 11:15 - 12:30	HALL: ISTIKLAL 4
Paper	Speaker	
279 - Performance Investigation Of A Residential Type Micro-cogeneration System – Energy And Economic Analysis <i>Mahmut Sami Buker, Mehmet Kaplan</i>	Mahmut Sami Buker	
46 - Perimeter Network Security Solutions: A Survey <i>Göksel Uçtu, Mustafa Alkan, İbrahim Alper Doğru, Murat Dörterler</i>	Göksel Uçtu	
201 - The Design Of A Supersonic Nozzle And Numerical Analysis Of Flow In It <i>İlker Coşar, Mehmet Duranay</i>	İlker Coşar	
149 - Safety Based Smart Parking Guidance System Using GSM And Zigbee <i>Mohammed Sufyan Mohammed, Seda Ustun Ercan</i>	Mohammed Sufyan Mohammed	
148 - Adrenal Tumor Classification On T1 And T2-weighted Abdominal MR Images <i>Mucahid Barstugan, Rahime Ceylan, Semih Asoglu, Hakan Cebeci, Mustafa Koplay</i>	Mucahid Barstugan	
104 - Computer Vision Based Distance Measurement System Using Stereo Camera View <i>Emre Dandil, Kerim Kürşat Çevik</i>	Emre Dandil	
CHAIR: Volkan Karaca	October 13, 2019 Sunday 11:15 - 12:30	HALL: ISTIKLAL 5
Paper	Speaker	
62 - Graph-Based Representation Of Customer Reviews For Online Stores <i>Tsvetanka Georgieva-Trifonova, Miroslav Galabov, Donika Valcheva, Teodor Kalushkov</i>	Teodor Kalushkov	
64 - Body Sensors Monitoring System For Increasing E-Learning Effectiveness <i>Teodor Kalushkov, Donika Valcheva, Miroslav Galabov, Tsvetanka Georgieva-Trifonova</i>	Teodor Kalushkov	
78 - Comparison Of Algorithms And Technologies 2G, 3G, 4G And 5G <i>Ramije Zeqiri, Florim Idrizi, Halim Halimi</i>	Ramije Zeqiri	
199 - Modeling Of Multidimensional Problems In Nonlinear Heat Conductivity In Non-Divergence Case <i>Sadullaeva Sh. A., Khaydarov A. T., Kabilianova F. A.</i>	Sadullaeva Sh. A.	
106 - Methods For Identification Of Computer Attacks - Forensic Expertise <i>Arijan Laçi, Florim Idrizi, Eip Rufati</i>	Arijan Laçi	
180 - Detection, Identification And Tracking Of Objects During The Motion <i>Lirie Koraqi, Florim Idrizi</i>	Lirie Koraqi	
277 - Optimal Sizing of a Hybrid PV/Wind Power Plant by Using Crow Algorithm in Libya <i>Abdurazaq Elbaz, Muhammet Tahir Güneşer</i>	Abdurazaq Elbaz	