

20.04.2019 (1st Day)	
Time	Programme Detail
9.00 - 10.30	Registration (Lobby / Registration Desk)
10.30 - 11.15	Welcome Ceremony (Hall A)

Hall A	
20.04.2019 (1st Day / Continuing)	
Time	Programme Detail
11.15 - 11.45	Keynote Speak-1: "Artificial Intelligence in Project Management" – Prof. Dr. Çetin Elmas (Gazi University, Turkey)
11.45- 12.00	Coffee Break
12.00 - 12.30	Keynote Speak-2: "Innovative Artificial Intelligence Approaches for Medical Image Analysis" – Assoc. Prof. Dr. Jude Hemanth (Karunya University, India)
12.30 - 13.30	Lunch Break
13.30 - 14.30	Panel: E-Transformation Policies in Turkey (<i>In Turkish</i>) (Türksat, Netaş, Havelsan)
14.30 - 14.45	Coffee Break
Session A1	
14.45 - 15.45	Keynote Speak-3: "Diagrammatic Reasoning, Topological Mathematics and AI" – Assist. Prof. Dr. Paniel Reyes Cardenas (Universidad Popular Autónoma del Estado de Puebla, Mexico) Keynote Speak-4: "How to Publish Your Paper in a Reputable Journal" – Prof. Dr. Ali Allahverdi (Kuwait University, Kuwait)
15.45 - 16.00	Coffee Break
Session A2 (Chair: Prof. Dr. Sezai Tokat)	
16.00 - 17.00	18: Sonsuz Vidalalı Redük. Kestirimci ve Önleyici Bakım Çalış. Yönelik Geliş. Bir Deney Düzenegi (Yunus Emre Karabacak, Nurhan Gürsel Özmen and Levent Gümüşel) 58: A Novel Evolutionary Metaheuristic Algorithm: Helix (Kenan Karagül, Yusuf Şahin and Sezai Tokat) 70: An Extended Business Process Representation for Integrating IoT based on SWRL/OWL (Lynda Djahdjakha, Mounir Hemam, Zizette Boufaïda and Djehina Boukara) 115: A New Genetic Algorithm for the Maximum Clique Problem (Gozde Kizilates Evin)
17.00 - 17.15	Coffee Break
Session A3 (Chair: Dr. Anis İsmail)	
17-15 - 18.15	35: Image Spam Detection using FENOMAA Technique (Anis İsmail) 60: Load and Stress Opt. of Elastic Washer Using NLPQL and Evol. Alg. of OptiSLang Software for Autom. Clutch and Invest. of Param. Imp. (Alper Karaduman and A. Rıza Yıldız) 160: Shock Strength Investigation of Sintered Clutch Disc Hub Experimentally with Modified Charpy Test Bench (Cihat Gül, Mehmet Onur Genc and Ali Durmuş) 161: 1-D Modeling of Rubber Clutch Damper at Time-Based Level for Powertrain System (Mehmet Onur Genc, Süleyman Konakçı and Necmettin Kaya)

Hall A	
21.04.2019 (2nd Day)	
Time	Programme Detail
9.30 - 10.30	Session A4 (Chair: Assist. Prof. Dr. Osman Özkaraca)
	6: Evaluation of referral outcome of patients after surgery with Clinical Decision Support System (<i>Osman Özkaraca, Erkan Yılmaz, Gürcan Çetin and Gürbüz Akçay</i>)
	36: Effect of Representation of Information in the Input of Deep Learning on Prediction Success (<i>Hikmet Yücel</i>)
	56: Integrated Assembly Line Balancing and Sub-Assemblies in Industry 4.0 Perspective (<i>Salman Hussain and Kainat Afzal Minhas</i>)
10.30 - 10.45	Coffee Break
10.45 - 11.45	Session A5
	Keynote Speak-5: "Recent Progress in Selection Hyper-heuristics for Intelligent Optimisation" – Assoc. Prof. Dr. Ender Ozcan (University of Nottingham, England)
12.00 - 13.30	Lunch Break
13.30 - 14.30	Session A6 (Chair: Assist. Prof. Dr. Fatih Gökçe)
	44: Traffic Accident Detection via Deep Learning (<i>Mehmet Gür and Fatih Gökçe</i>)
	47: Tracking of Micro Unmanned Aerial Vehicles: A Comparative Study (<i>Fatih Gökçe</i>)
	108: Blockchain-Based Secure Recognized Air Picture System Proposal for NATO Air C2 Capabilities (<i>Enis Konacakli and Enis Karaarslan</i>)
	162: Analysis Of Permanent Magnet Synch. Motor By Dif. Control Meth. with Ansys Maxwell And Simplorer Co-Sim. (H. Kocabiyik, Y. Öner, M. Ersöz, S. Kesler and M. Tümbek)
14.30 - 14.45	Coffee Break
14.45 - 15.45	Session A7 (Chair: Assist. Prof. Dr. Betül Uzbaş)
	16: A new variable ordering method for the K2 algorithm (<i>Betül Uzbaş and Ahmet Arslan</i>)
	19: Gender Determination from Teeth Images via Hybrid Feature Extraction Method (<i>Betül Uzbaş, Ahmet Arslan, Hatice Kök and Ayşe Merve Acılar</i>)
	120: Cooperative Inventory Routing Games: A Practical Solution Approach (<i>Erdal Aydemir and Mehmet Onur Olgun</i>)
15.45 - 16.00	121: Design and Implementation of SDN-based Secure Architecture for IoT-Lab (<i>Eren Karabacak, Cihat Cetinkaya and Enis Karaarslan</i>)
	180: Twitter'da Tweet ve Hesap Tabanlı Spam Tespiti (<i>Kübra Nur Güngör, Ayhan Erdem and İbrahim Alper Dođru</i>)
16.00 - 17.00	Session A8 (Chair: Assist. Prof. Dr. Sevgi Sengul Ayan)
	64: Consensus Approaches of High-Value Crypto Currencies and Application in SHA-3 (<i>Murat Emeç, Melike Karatay, Gökhan Dalkılıç and Erdem Alkım</i>)
	65: New scheme of Feature Eng. Based on DL for Authorship Identif. (<i>N. Eddine Benzebouchi, Nabiha Azizi, M. Chiheb Eddine Khelaifia, Didier Schwab and Monther Aldwairi</i>)
	17: Mathematical Modeling and Simulations of Cardiac Action Potential (<i>Sevgi Sengul, Nazmi Yaraş, Hasan Özdoğan, Ahmet Kürşad Sırcan and Ahmet Kurt</i>)
	166: On the Prediction of Possibly Forgotten Shopping Basket Items (<i>Anderson Singh and Patrick Hosein</i>)
	169: A Benefit Optimization approach to the Evaluation of Classification Algorithms (<i>Shellyann Sooklal and Patrick Hosein</i>)

Hall A	
22.04.2019 (3rd Day)	
Time	Programme Detail
9.30 - 10.30	Session A9
	Keynote Speak-6: "Some Sequence Spaces Defined By Invariant Mean" – Prof. Dr. Ekrem Savas (Usak University, Turkey)
10.30 - 10.45	Coffee Break
10.45 - 11.45	Session A10 (Chair: Assist. Prof. Dr. Mehmet Karakoç)
	68: Semi-Supervised Feature Selection Using Mutual Information and Correl.: App. to Breast Cancer Class. (<i>Zemmal Nawel, Nabiha Azizi, Amel Ziani and Soraya Cheriguene</i>)
	93: Soru-Cevap Metni İçeren Görüntülerden Bilgisayarlı Sınav Sistemlerine Soru Verisi Sağlamaya Yönelik Optik Karakter Tanıma Sistemi (<i>Mehmet Karakoç</i>)
	111: A Walking and Balance Analysis Based on Pedobarography (<i>Egehan Çetin, Süleyman Bilgin and Okan Oral</i>)
	141: A Deep Learning Model based on Convolutional Neural Networks for Classification of Magnetic Resonance Prostate Images (<i>Fatih Uysal, Firat Hardalaç and Mustafa Koc</i>)
12.00 - 13.30	Lunch Break
13:30 - 14:30	Session A11 (Chair: Assist. Prof. Dr. Utku Kose)
	50: Effect of Number of Reservations on Implementation of Operating Room Scheduling with Genetic Algorithm (<i>Tunahan Timuçin and Serdar Boroğul</i>)
	87: Detection And Prevention of Syn Flood Attacks Using Artificial Neural Network On Flow-Based Network Traffic (<i>Mevlut Ersoy and Mustafa Haktan Emik</i>)
	164: Augmented Reality in Anatomy Education and Designing an Augmented Reality Application for Learning Skeleton System (<i>Osman Guler and Ibrahim Yücedağ</i>)
	176: A Decision Support System for Role assignment in Software Project Management with Evaluation of Personality Types (<i>Azer Çelikten, Eda Kurt and Aydın Çetin</i>)

20.04.2019 (1st Day)	
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9.00 - 10.30	Registration (Lobby / Registration Desk)
10.30 - 11.15	Welcome Ceremony (Hall A)

Hall B	
20.04.2019 (1st Day / Continuing)	
Time	Programme Detail
	Session B1 (Chair: Assist. Prof. Dr. Fatma Akyüz)
14.45 - 15.45	<p>14: Uzaktan Eğitimde Öğrencilerin Başarı Notlarının Makine Öğrenmesi Algoritmalarıyla Tahmini (<i>Fatma Altınsoy and Asım Sinan Yüksel</i>)</p> <p>15: Yapay Sinir Ağları Tekniği Kullanılarak Konut Satış Fiyatlarının Tahmin Edilmesi (<i>Utku Köse, Tolga Yeşil and Fatma Akyüz</i>)</p> <p>43: Sürücü Davranışlarının Makine Öğrenmesi Algoritmaları ile Modellenmesi (<i>Asım Sinan Yüksel and Şerafettin Atmaca</i>)</p> <p>73: Yarı Otomatik Tıg Kaynak Havuz Bölgesinin Otomatik Kamera Takip Sistemiyle İncelenabilirliği (<i>Murat Taşocak, Cüneyt Şensoy and Tolga Güney</i>)</p> <p>77: Machine Learning Mobile Banking Application: Design Science Approach (<i>Luvai Motiwalla, Mohammed Nawaz and Amit Deokar</i>)</p>
15.45 - 16.00	Coffee Break
	Session B2 (Chair: Assist. Prof. Dr. Muhammed Maruf Öztürk)
16.00 - 17.00	<p>4: Deep learning-based software energy consumption profiling (<i>Muhammed Maruf Öztürk</i>)</p> <p>102: Süt Besiciliğinde Yapay Zekâ Yöntemiyle Mastitis Tespiti (<i>İrfan Sarıca and İlhan Tarımer</i>)</p> <p>122: Towards The Development Of A Decision Support System For Space Management In Higher Education (<i>Cevriye Altıntaş and Tuncay Yiğit</i>)</p> <p>142: A Survey of Methods for the Construction of an Intrusion Detection System (<i>Abdel Karim Kassem, Shymaa Abo Arkoub, Bassam Daya and Pierre Chauvet</i>)</p> <p>163: High Power Density High Speed Permanent Magnet Synchronous Generator Design (<i>Benhar Aydoğan, Yusuf Öner, Metin Ersöz, Selami Kesler and Mustafa Tümbek</i>)</p>
17.00 - 17.15	Coffee Break
	Session B3 (Chair: Assoc. Prof. Dr. Halil İbrahim Korucu)
17-15 - 18.15	<p>28: Utilizing ML Algorithms of ECG Signals To Detect Sleep/Awake Stages of Patients with Obs. Sleep Apnea (<i>M. Kürşad Uçar, Ferda Bozkurt, Cahit Bilgin and M. Recep Bozkurt</i>)</p> <p>53: A Study on the Performance of Base-m Polynomial Selection Algorithm using GPU (<i>Oğuzhan Durmuş, Umut Can Cabuk and Feriştah Dalkılıç</i>)</p> <p>54: State and Trends of Machine Learning Approaches in Business: An Empirical Review (<i>Samia Gamoura, Halil İbrahim Korucu, Umran Kaya and Ridha Derrouiche</i>)</p> <p>62: Makine Öğrenmesi ve Derin Öğrenme Tabanlı Mobil Zararlı Yazılım Tespiti (<i>Tülay Avan and Esra Nergis Yolaçan</i>)</p> <p>74: 5183 H111 Serisi Alüminyum Malzemenin Mekanik Şekil. Manuel İşlem İle Otom. Op. Arasında Kalite Fark. İncelenmesi (<i>Murat Taşocak, Cüneyt Şensoy and Tolga Güney</i>)</p>

Hall B	
21.04.2019 (2nd Day)	
Time	Programme Detail
9.30 - 10.30	Session B4 (Chair: Assoc. Prof. Dr. Kemal Polat)
	38: A Hybrid Approach For The Sentiment Analysis Of Turkish Twitter Data (<i>Harisu Abdullahi Shehu and Sezai Tokat</i>)
	96: A Novel Blood Press. Est. Method with the Comb. of LSTM Neural Network and Prin. Comp. Analys. based on PPG signals (<i>Umit Senturk, Kemal Polat and Ibrahim Yuicedag</i>)
	103: Piecewise demodulation based on combined artificial neural network for Quadrature Frequency Shift Keying communication signals (<i>Nihat Daldal and Kemal Polat</i>)
10.30 - 10.45	187: Fault Detection of CNC Machines from Vibration Signals Using Machine Learning Methods (<i>Huseyin Canbaz and Kemal Polat</i>)
	Coffee Break
	Session B5 (Chair: Assoc. Prof. Dr. Yusuf Sönmez)
	25: ICS Cyber Attack Analysis And A New Diag. Approach (<i>E. Nurcan Yılmaz, Hasan Hüseyin Sayan, Furkan Üstünsoy, Serkan Gönen, Erhan Sindiren and Gökçe Karacayılmaz</i>)
10.45 - 11.45	97: Süper İletkenlerin Kritik Sıcaklığının XGBoost İle Tahmin Edilmesi (<i>Abdulkadir Karacı and Kemal Akyol</i>)
	109: Derin Öğrenme ile Zararlı Web Sitelerinin Tespiti (<i>Elif Değirmenci, Tülay Avan and Büşra Yavuz</i>)
	137: The Estimation of the Votes of the Constitutional Court Judges on Individual Appeal Decisions (<i>Melih Ağraz</i>)
	165: Developing a Hybrid Network Architecture for Deep Convolutional Neural Networks (<i>Hasan Hüseyin Sayan, Ömer Faruk Tekgözoğlu, Yusuf Sönmez and Bilal Turan</i>)
12.00 - 13.30	Lunch Break
13.30 - 14.30	Session B6 (Chair: Assoc. Prof. Dr. Ali Hakan Işık)
	85: Raspberry Pi ve Django ile Derin Öğrenme Uygulaması (<i>Ömer Can Eskicioğlu and Ali Hakan Işık</i>)
	88: Churn Analysis with Artificial Neural Networks in Python (<i>Onur Özdemir, Mustafa Batar and Ali Hakan Işık</i>)
	89: TensorFlow ve Derin Öğrenme ile Nesne Tanıma Uygulaması (<i>Emre Aslan, Hasan Deniz, Ali Hakan Işık and Sadettin Melenli</i>)
	117: Simulated annealing algorithm for A medium-sized TSP data (<i>Mehmet Fatih Demiral and Ali Hakan Işık</i>)
14.30 - 14.45	139: Test Sorularinin Çok Kriterli Hibrit Karar Verme Metotlari ile Değerlendirilmesi (<i>Murat İnce</i>)
	Coffee Break
	Session B7 (Chair: Assist. Prof. Dr. Gürcan Çetin)
	5: Importance of Fuzzy Approach in Distributed Software Development Projects Risk Assessment (<i>Kökten Ulaş Birant, Ali Hakan Işık and Mustafa Batar</i>)
	30: Convolutional Auto-Encoder based Degradation point forecasting for Bearing Data Set (<i>Abdullah Taha Arslan and Ugur Yayan</i>)
14.45 - 15.45	40: En Yakın Komşu Regresyonu ve Lineer Regresyon Analizini Kullanarak Akış Verilerinde Anomali Tespiti (<i>Ozan Can Acar and Mehmet Ali Akçayol</i>)
	133: ANFIS Based Model to Est. the Imp. of Student-Content Interact. on DE Stud. Acad. Performances (<i>Ercüment Güvenç, Gürcan Çetin, Osman Özkaraca and Mevlüt Ersoy</i>)
	155: A Comparison of Neural Network Approaches for Network Intrusion Detection (<i>Mehmet Uğur Öney and Serhat Peker</i>)
	Coffee Break
15.45 - 16.00	Session B8 (Chair: Assist. Prof. Dr. Mevlüt Ersoy)
	100: Pre-processing Effects of the Tuberculosis Chest X-ray Images on Pre-trained CNNs: An Investigation (<i>Erdal Taşçı</i>)
	174: l-statistically localized sequences in 2-normed spaces (<i>Mehmet Gürdal and Ulaş Yamancı</i>)
	175: Yapay Sinir Ağlarının FPGA Üzerinde Gerçekleştirilmesi (<i>Mevlüt Ersoy and Cem Deniz Kumral</i>)
	184: Improve or Approximation of Nuclear Reaction Cross Section Data Using Artificial Neural Network (<i>Veli Çapalı</i>)
16.00 - 17.00	185: Intelligent Water Drops Algorithm for Urban Transit Network Design and Frequency Setting (<i>Buket Çapalı and Halim Ceylan</i>)

Hall B	
22.04.2019 (3rd Day)	
Time	Programme Detail
9.30 - 10.30	Session B9 (Chair: Lect. Dr. Semih Özden)
	123: Performance Comparison of Hyper Parameter Optimization Methods for Machine Learning (<i>Nida Gökçe Narin</i>)
	134: Routing of Maintenance and Repair Service of Municipal Faults Reported by Citizens via Mobile Application (<i>Tuncay Yigit and Huseyin Coskun</i>)
10.30 - 10.45	Coffee Break
10.45 - 11.45	Session B10 (Chair: Lect. Dr. Murat İnce)
	84: Bulanık Kümeleme Tabanlı Algı Haritaları ile Pazar Analizi: Cep Telefonu Markası Örneği (<i>Selçuk Burak Haşiloğlu and Sezai Tokat</i>)
	116: Analyzing the Energy Potential of Hydroelectric Power Plant on Kura River (<i>Hasan Hüseyin Çoban and Arif Cem Topuz</i>)
	188: Programming of the Quine McCluskey Method for Simplifying Logic Data with C# (<i>Abdulkadir Cakir and Seyit Akpancar</i>)
12.00 - 13.30	Lunch Break
13.30 - 14.30	Session B11 (Chair: Prof. Dr. Anar Adiloglu Nabiev)
	131: Experimental study of solar drying of Local Olive (<i>Manaa Saadeddine, Rahmouni Mostafa, Harrouz Abdelkader, Boussem Fayssal, Beatriz Alexandrar and Karlo Dany</i>)
	170: On the Jost solutions of the Zakharov- Shabat ssystem with a polynomial dependence in the potential (<i>Anar Adiloglu Nabiev</i>)
	171: On the Jost solutions for the first order system of differential equation with a spectral parameter (<i>Anar Adiloglu Nabiev</i>)

20.04.2019 (1st Day)	
Time	Programme Detail
9.00 - 10.30	Registration (Lobby / Registration Desk)
10.30 - 11.15	Welcome Ceremony (Hall A)

Hall C	
20.04.2019 (1st Day / Continuing)	
Time	Programme Detail
14.45 - 15.45	Session C1 (Chair: Assoc. Prof. Dr. Anitha J.)
	2: Enhanced Latent Semantic Indexing for Arabic Language (<i>Fawaz Al-Anzi and Dia Abuzeina</i>)
	98: Estimation of Heart Rate and Respiratory Rate from Photoplethysmography signal for the detection of Obstructive Sleep Apnea (<i>Smily Jeya and Anitha J</i>)
	101: Analysis of Human Performance on the Solution of the Travelling Salesman Problem (<i>Kenan Karagül, Yusuf Sahin, Necdet Güner and Aykut Oral</i>)
	156: Gene Selection in Microarray Data using an Improved Approach of CLONALG (<i>Ezgi Deniz Ülker</i>)
15.45 - 16.00	Coffee Break
16.00 - 17.00	Session C2 (Chair: Assoc. Prof. Dr. Hamdi Tolga Kahraman)
	61: Optimum Allocation for a Warehouse of a Utility Store Corporation Using Modified P-median Method (<i>Wasim Ahmad and Kaynat Afzal Minhas</i>)
	82: Olasılıksal Seçim Yöntemlerinin Meta-Sezgisel Arama Sürecine Etkisinin Araştırılması (<i>Hamdi Tolga Kahraman, Sefa Aras and Eyup Gedikli</i>)
	143: Prediction of Potential Bank Customers: Application On Data Mining (<i>Muhammet Sinan Başarslan and İrem Düzdar Argun</i>)
	177: f-statistical convergence in 2-Banach spaces (<i>Mualla Birgül Huban and Mehmet Gürdal</i>)
182: Hidden Oscillation Feature Extraction in ECG Data via Multiple-time FOD Method (<i>Ekin Can Erkus and Vilda Purutcuoglu</i>)	
17.00 - 17.15	Coffee Break
17-15 - 18.15	Session C3 (Chair: Prof. Dr. Ali Allahverdi)
	8: Fuzzy Logic and Correlation-Based Hybrid Classification on Hepatitis Disease Data Set (<i>Muhammet Sinan Başarslan, Hüseyin Bakır and İbrahim Yücedağ</i>)
	76: Rastgele Orman Algoritması ile Köpük Beton Karışım Oranlarının Tahmini (<i>Şemsettin Kılınçarslan, Emine Yasemin Erkan and Murat İnce</i>)
	158: Comparative Study for Model Selection in Sparse Biological Networks and a New Alternative Approach (<i>Mehmet Ali Kaygusuz and Vilda Purutçuoğlu</i>)
	181: Two-Machine No-Wait Flowshop Scheduling Problem to Minimize Mean Completion Time (<i>Ali Allahverdi and Muberra Allahverdi</i>)
192: The Four-Machine Flowshop Scheduling Problem to Minimize Mean Completion Time (<i>Muberra Allahverdi and Ali Allahverdi</i>)	

Hall C		
21.04.2019 (2nd Day)		
Time	Programme Detail	
9.30 - 10.30	Session C4 (Chair: Assoc. Prof. Dr. Uğur Güvenç)	
	32: Güç Sistemlerinde Düşük Uyarım Sinirlandirici Modeli Kullanılarak Geçici Kararlılık Analizinin İncelenmesi (<i>Mehmet Kenan Döşoğlu and Uğur Güvenç</i>)	
	33: Üstel ve Termostatik Kontrollü Yük Modellerinin Güç Sisteminde Gerilim Kararlılığı Üzerindeki Etkileri (<i>Kenan Döşoğlu and Uğur Güvenç</i>)	
	41: Symbiotic Organism Search Alg. based Optimal Power Flow considering Uncertain Photovoltaic and Plug-in Electrical Vehicle System (<i>Serhat Duman, Jie Li and Lei Wu</i>)	
	55: Moth Swarm Algorithm based Approach for the ACOPF considering Wind and Tidal energy (<i>Serhat Duman, Lei Wu and Jie Li</i>)	
10.30 - 10.45	Coffee Break	
	Session C5 (Chair: Dr. Onur Ugurlu)	
	37: A Simple Iterative Algorithm for Boolean Knapsack Problem (<i>Urfat Nuriyev, Onur Ugurlu and Fidan Nuriyeva</i>)	
	63: Development Of A Flexible Software For Disassembly Line Balancing With Heuristic Methods (<i>Umran Kaya, Halil Ibrahim Koruca and Samia Chehbi-Gamoura</i>)	
	67: An Arabic opinions pol. det. sys. based on adapt. Hyb. RSS-SVM class. & featu. coop. using SentiwordNet lex. (<i>A. Ziani, N. Chekkai, N. Zemmal, S. Cheriguene and D. Zenakhra</i>)	
10.45 - 11.45	135: Nanopartiküllerin Beton Özelliklerine Etkilerinin Yapay Sinir Ağları İle Tahmin Edilmesi (<i>Şemsettin Kılınçarslan, Metin Davraz, Nanh Ridha Faisal Faisal and Murat İnce</i>)	
	149: Evaluation of Smart Shopping Software Development Cost Estimation with Software Engineering Methods (<i>Tuncay Yigit and Huseyin Coskun</i>)	
	12.00 - 13.30	Lunch Break
	13.30 - 14.30	Session C6 (Chair: Assist. Prof. Dr. Erdal Aydemir)
		80: Investigation of the Most Effective Meta-Heuristic Optimization Technique for Constrained Engineering Problems (<i>Hamdi Tolga Kahraman and Sefa Aras</i>)
95: Solving a Capacitated Vehicle Routing Problem using Simulated Annealing Alg. for a Furniture Roving Parts Manufacturing Company (<i>Erdal Aydemir and Kenan Karagul</i>)		
118: Effect Of The Clonal Selection Algorithm On Classifiers (<i>Tuba Karagul Yildiz, Hüseyin Demirci and Nilüfer Yurtay</i>)		
136: Search Engine Generated with word2vec for Supreme Court Decisions (<i>Melih Ağraz and Turan Erman Erkan</i>)		
14.30 - 14.45	145: A Hyper-Heuristic Algorithm Based on Iterated Local Search for Vehicle Routing Problem with Simultaneous Pickup and Delivery (<i>Büşra Olgun and Fulya Altıparmak</i>)	
	Coffee Break	
	Session C7 (Chair: Dr. Mohammed Seghir Guellil)	
	72: Providing The Moment Of The Parabolic Reflector Antenna In The Passive Millimeter Wave Imaging System With The Equ. Weights (<i>Mehmet Duman and Alp Oral Salman</i>)	
	91: Dependent Sentiment Analysis in Turkish by Machine Learning Techniques (<i>Hakan Altaş and Gökhan Dalkılıç</i>)	
14.45 - 15.45	92: Optimal workforce allocation for energy, env. & eco. sustain. in Algeria (<i>M. Seghir Guellil, Mostéfa Belmokaddem, S. Kheir Eddine Adda, Hicham Benosman and Samir Ghouali</i>)	
	129: Modeling and Experiment. Study of a solar thermal collector with and without baffles (<i>Manaa Saadeddine, Harrouz Abdelkader, Boussem Fayssal and Rahmouni Mostafa</i>)	
	167: A Comparison of Data Mining Tools and Classification Algorithms Content Producers on the Video Sharing Platform (<i>Ercan Atagün and İrem Düzdar Argun</i>)	
	15.45 - 16.00	Coffee Break
	16.00 - 17.00	Session C8 (Chair: Assoc. Prof. Dr. Aydın Çetin)
7: Bulanik Mantik Kontrol Tekniği Kullanılarak Pist Planlama İçin Uçak Tipine Göre İniş Önceliklendirme (<i>Tolga Çallıoğlu</i>)		
71: Predicting Breast Cancer With Deep Neural Networks (<i>Abdulkadir Karacı</i>)		
78: Optimization of PMSM Design Parameters Using Update Meta-Heuristic Algorithms (<i>Cemal Yılmaz, Burak Yenipınar, Yusuf Sönmez and Cemil Ocak</i>)		
146: Safe Map Routing Using Heuristic Algorithm Based On Regional Crime Rates (<i>Atakan Alpkoçak and Aydın Çetin</i>)		
147: Real time Performance Comparison of Multi-Class Deep Learning Methods at the Edge (<i>Doruk Sönmez and Aydın Çetin</i>)		

Hall C	
22.04.2019 (3rd Day)	
Time	Programme Detail
9.30 - 10.30	Session C9 (Chair: Assoc. Prof. Dr. Gamze Yüksel)
	90: Numerical Simulation Of A Pseudoplastic Fluid Through Sudden Enlargement (<i>H. Abdelkader, A. Abderrahmane, D. Belatrache and M. Saadeddine</i>)
	112: Stability Analysis of the Second Order Method for Simplified Magneto Hydro Dynamics Equations with Linear Time Filter (<i>Gamze Yuksel and Mustafa Hicret Yaman</i>)
	113: A Partitioned Method for Simplified MagnetoHydroDynamics Equations with the Linear Time Relaxation (<i>Mustafa Hicret Yaman and Gamze Yuksel</i>)
10.30 - 10.45	130: Modeling & Exp. Study of Trad. & Indirect Solar Drying Sys. of Olive in Sahara of Algeria (<i>M. Saadeddine, H. Abdelkader, R. Mostafa, B. Fayssal, B. Alexandra and K. Dany</i>)
	Coffee Break
	Session C10 (Chair: Assist. Prof. Dr. Gür Emre Güraksın)
	9: ModPSO-CNN: An Evol. Convolution Neural Network with Application to Visual Recognition (<i>Sadaqat Ur Rehman, Yongfeng Huang, Basharat Ahmad and Shanshan Tu</i>)
10.45 - 11.45	27: Comparison Of Image Quality Measure. In Threshold Determ. Of Most Popular Grad. Based Edge Detect. Alg. Based On PSO (<i>Nurgül Özmen Süzme and Gür Emre Güraksın</i>)
	148: Kırmataş Agregaların Şekilsel Özelliklerinin Görüntü İşleme Yöntemi İle Elde Edilmesi (<i>Ibrahim Yiğit and Turgay Kurt</i>)
	157: Predicting the hourly patient arrival rates at Emergency department by using 8 different machine learning algorithms (<i>Serkan Nas and Melik Koyuncu</i>)
12.00 - 13.30	Lunch Break
13.30 - 14.30	Session C11 (Chair: Prof. Dr. Vilda Purutçuoğlu)
	45: Normal Mixture Model-Based Clustering of Data Using Genetic Algorithm (<i>Maruf Gögebakan and Hamza Erol</i>)
	26: Investigation for the impact of code refactoring techniques on energy consumption in different object-oriented prog. lang. (<i>Ibrahim Sanlıalp and Muhammed Maruf Ozturk</i>)
	144: Parametrical Analysis of a new design outer rotor line start synchronous motor (<i>Mustafa Tumbek, Selami Kesler and Yusuf Oner</i>)

20.04.2019 (1st Day)	
Time	Programme Detail
9.00 - 10.30	Registration (Lobby / Registration Desk)
10.30 - 11.15	Welcome Ceremony (Hall A)

Hall D	
20.04.2019 (1st Day / Continuing)	
Time	Programme Detail
14.45 - 15.45	Session D1 (Chair: Assoc. Prof. Dr. Ali Hakan Işık)
	46: Improved Social Spider Algorithm via Differential Evolution (<i>Fatih Ahmet Şenel, Fatih Gökçe and Tuncay Yiğit</i>)
	51: Feature selection by using DE algorithm and k-NN classifier (<i>Fatih Ahmet Şenel, Asım Sinan Yüksel and Tuncay Yiğit</i>)
	49: An Ambient Intelligence Case: Smart Bee Hive (<i>Çilem Koçak, Ali Hakan Işık and Utku Köse</i>)
15.45 - 16.00	59: Mikro Dizi Verilerinde Sınıflandırma ve Gen Seçim İşlemleri için İki Adımlı Melez Bir Yaklaşım (<i>Mehmet Bilen, Ali Hakan Işık and Tuncay Yiğit</i>)
	Coffee Break
16.00 - 17.00	Session D2 (Chair: Assist. Prof. Dr. Mevlüt Ersoy)
	119: Derin Öğrenme Yöntemi İle Yol Aydınlatmasında Pariltili Ölçümlerinin Tahmini (<i>Mehmet Kayakuş and Kerim Kürşat Çevik</i>)
	42: The Development of Artificial Intelligence-Based Web Application to Determine the Visibility Level of the Objects on the Road (<i>Mehmet Kayakuş and İsmail Serkan Üncü</i>)
	124: A Review on Watermarking Techniques for Multimedia Security (<i>Hüseyin Bilal Macit and Arif Koyun</i>)
17.00 - 17.15	127: Tamper detection and recovery on RGB images (<i>Hüseyin Bilal Macit and Arif Koyun</i>)
	Coffee Break
17-15 - 18.15	Session D3 (Chair: Assist. Prof. Dr. Utku Kose)
	81: Artificial Intelligence for Improving Physical Medical Device Using Experience (<i>Tuncay Yigit and Sena Celik</i>)
	94: Measuring Willingness to Buy by Using Galvanic Skin Response and Heart Rate: Implication in Marketing (<i>Hakan Boz and Utku Kose</i>)
	193: Traditional and Swarm Intelligence Based Evaluation of Primary School Teachers' Resistance to Change (<i>Behcet Oznacar and Nevriye Yilmaz</i>)
	194: A Novel Model for Risk Estimation in Software Projects Using Artificial Neural Network (<i>Muhammet Hanefi Calp and Mehmet Ali Akcayol</i>)
197: Traditional and Machine Learning Based Evaluation for Selection and Training of School Admin. in Dif. Countries (<i>Fatma Koprulu, Behcet Oznacar and Nevriye Yilmaz</i>)	

Hall D	
21.04.2019 (2nd Day)	
Time	Programme Detail
9.30 - 10.30	Session D4 (Chair: Assist. Prof. Dr. Paniel Reyes Cardenas)
	39: Makine Öğrenmesi Teknikleri ile Kaldıraçlı Piyasalar İçin Otomatik Al/Sat Sinyali Üretimi (Mehmet Emin Kaya and Özkan Ünsal)
	125: Makine Öğrenmesi ile Mobil Reçeteler Uygulaması Geliştirilmesi (İbrahim Arda Çankaya and Arif Koyun)
	86: Improvement for Traditional Genetic Algorithm to Use in Optimized Path Finding (Hasan Alp Zengin and Ali Hakan Işık)
10.30 - 10.45	99: A New Approach for Routing Problem (Recep Çolak, Ali Hakan Işık and Tuncay Yiğit)
	Coffee Break
10.45 - 11.45	Session D5 (Chair: Assist. Prof. Dr. Mevlüt Ersoy)
	23: Görüntü İşleme Kontrollü Kaleci Antrenman Sistemi (Sefa Çetinkol and İsmail Serkan Üncü)
	126: Riskli Telefon Numaralarının Tespiti için Bulanık Mantık Tabanlı Mobil Uygulamanın Geliştirilmesi (İbrahim Arda Çankaya and Arif Koyun)
	140: Estimation Of Building Materials Of Resistance By The Sound Frequency (Şadi Fuat Çankaya, İsmail Serkan Üncü and Mevlüt Ersoy)
12.00 - 13.30	168: E-Studio'da Aydınlatma Seviyeleri ve Matematiksel Modellenmesi (Hamit Armağan and Tuncay Yiğit)
	Lunch

Hall D	
22.04.2019 (3rd Day)	
Time	Programme Detail
9.30 - 10.30	Session D6 (Chair: Lect. Dr. Gül Fatma Türker)
	31: Identifying Driver Behaviour Through Onboard Diagnostic Using CAN Bus Signals (<i>Gül Fatma Türker and Fatih Kürşat Gündüz</i>)
	48: A review of the solutions for the container loading problem, and the use of heuristics (<i>Merve Aydemir and Tuncay Yigit</i>)
	106: A Novel Pv Array Reconfiguration Method Under Partial Shading Conditions (<i>Okan Bingöl, Burçin Özkaya, Uğur Güvenç and Emre Çelik</i>)
	138: Energy Hub Economic Dispatch Using Symbiotic Organisms Search Algorithm (<i>Uğur Güvenç, Burçin Özkaya, Huseyin Bakir, Serhat Duman and Okan Bingöl</i>)
10.30 - 10.45	178: Entropy-Based Skin Lesion Segmentation Using Stochastic Fractal Search Algorithm (<i>Okan Bingöl, Serdar Pacaci and Ugur Guvenc</i>)
	Coffee Break
10.45 - 11.45	Session D7 (Chair: Assoc. Prof. Dr. Behçet Öznacar)
	11: Analyzing and Process. of Supplier Database Based on the Cross-Industry Stand. Process for Data Min. (CRISP-DM) Alg. (<i>M. Jafari Nodeh, M. Hanefi Calp and İsmail Şahin</i>)
	12: A Novel Hybrid Model for Vendor Selection in a Supply Chain of Oil Companies by Using AI Techniques (<i>M. Jafari Nodeh, M. Hanefi Calp and İsmail Şahin</i>)
	22: Tat duyarlılığına etki eden dil üzerindeki papilla sayısal dağılımının görüntü işleme teknikleri ile belirlenmesi (<i>Sefa Çetinkol and İsmail Serkan Üncü</i>)
	24: Ethical and Safety Issues of Artificial Intelligence in Engineering Fields (<i>Utku Kose</i>)
12.00 - 13.30	195: The Arap Students' Needs and Attitudes of Learn. English: A Trad. & AI Based Eval. for Comp. Eng. Undergrad. in Cyprus (<i>Fatma Koprulu, Seda Cakmak and Arhun Ersoy</i>)
	196: The Applicability of Instructional Leadership in Educational Institutions: Pros-Cons and AI Based Engineering of the Future (<i>Behçet Öznacar and Gulyuz Debes</i>)
	Lunch