

11 September 2019

Time	Ana Salon (Main Room)	Salon - A
13:00-14:00	Kayıt (Registration)	
14:00-14:30	Açılış Konuşmaları (Opening Speeches)	
14:30-15:10	Davetli Konuşmacılar (Invited Speakers)	Prof. Dr. Erdal Arıkan
15:10-15:50	Davetli Konuşmacılar (Invited Speakers)	Prof. Dr. A. Yavuz Oruç
15:50-16:10		Çay Kahve Arası (Coffee Break)
16:10-18:00	Endüstriye yönelik toplantı	Endüstri 4.0 ve IoT
18:00-19:00		Kokteyl (Cocktail)

Time	Ana Salon (Main Room)	Salon - A	Salon - B	Salon - C	Salon - D
09:00-10:40		<b>Natural Language Processing / Q&amp;A</b> <b>Chair:</b> [743] The Numeral Modeling of Separating Words of The Lexicon of The Uzbek Language Into Syllables [756] Syntactic Structures for Ontological Models (As Example of Uzbek) [808] Automatic Detection of Word Substitutions within a Language over Periods of Time [898] Problems Caused by Semantic Drift in WordNet Synset Construction [919] The Crimean Tatar Electronic Corpus vs the Electronic Corpus of the Turkish Language (Grammatical Tagging of Noun, Verb) [734] Knowledge-Based Question and Answering System for Turkish	<b>Data Mining [1]</b> <b>Chair:</b> [638] Hiperparametre Algoritmalarının Büyük Veri İşleme Platformları Üzerinde Gerçeklenmesi: Durum Çalışması [649] Turkish named entity discovery based on termsets [737] Imbalanced Dataset Problem in Sentiment Analysis [801] SMOTE and Gaussian Noise Based Sensor Data Augmentation [803] Web İz Bilgilerinde Veri Madenciliği ile Zararlı İsteklerin Tespiti [836] The Evaluation of Word Embedding Models and Deep Learning Algorithms for Turkish Text Classification	<b>Machine Learning [1]</b> <b>Chair:</b> [644] Facial Expression Classification Using Convolutional Neural Network and Real Time Application [660] Forecasting Domestic Shipping Demand of Cement: Comparison of SARIMAX, ANN and Hybrid SARIMAX-ANN [687] Deep Learning Based On-Street Parking Spot Detection for Smart Cities [702] A Survey on Deep Learning Based Intrusion Detection System [695] Makine Öğrenmesi Kullanılarak Şirket Bilanço Verilerine Dayalı İflas Riski Tahmini [716] An Incremental Autoencoder Approach for Data Stream Feature Extraction	<b>Security and Privacy [1]</b> <b>Chair:</b> [635] A Lwt-Firefly Algorithm Based Approach for Smooth Images Watermarking [642] Analysis and Comparison of disassemblers for Binary Code Analysis [669] Security and Privacy Issues for E-textile Applications [670] A Survey: Security and Privacy in 5G Vehicular Networks [673] Security and Privacy in the Smart Home: A Survey of Issues and Mitigation Strategies [711] A method to prevent tracking browsing history with the use of browser extension
10:40-11:00			<b>Çay Kahve Arası (Coffee Break)</b>		
11:00-12:40		<b>Natural Language Processing</b> <b>Chair:</b> [654] Doküman Görüntüleri Üzerinde Varlık ve İlişki İşaretleme için Yarı-Otomatik Etiketleme Aracı [682] Türkçe Haberlerin Tür Tespiti için Konu Modelleme Yöntemlerinin Karşılaştırılması [686] Twitter'da Sosyal Eğilim Tahmini: Literatür Taraması [912] Variability extension to SparkS, a domain specific scripting language for electronic test equipment	<b>Data Mining [2]</b> <b>Chair:</b> [848] Clustering of Scientist using Research Areas at Akdeniz University [851] A Recurrent Neural Network Model for Weather Forecasting [880] Kolon Kanserinde Etkilenen Yolak Alt Ağlarını ve Kümelenmelerini Belirlemek için Yeni Bir Yöntem [758] Makine Öğrenmesi Yöntemleri ile Kredi Kartı Sahteciliği Tespiti	<b>Machine Learning [2]</b> <b>Chair:</b> [679] İzin Tabanlı Android Kötücül Amaçlı Yazılım Tespitinde İzin Ağırlıklandırma Yaklaşımları [696] Bilanço Verilerine Dayalı Şirket Satış Tahmini ve Hisse Senedi Yatırım Getirisi Tahmin Sistemi [698] Banka Hisse Senetlerinin İndirgenmiş Teknik Göstergelerle Fiyat Tahmini [730] Classification of Turkish Cuisine With Deep Learning [735] Evrimsel sinir ağları ile yüz ifadesi tanıma Modelleri üzerine bir araştırma [788] Finansal veri üzerinde önerilen hibrit öznelik seçim yöntemi	<b>Security and Privacy [2]</b> <b>Chair:</b> [665] Kafes-Tabanlı Anahtar Değişim/Paketleme Protokollerinde Kullanılan Uzlaşma Yöntemleri [708] Siber Terör ve Teröristlerle Mücadele: Tehditler ve Önlemler [733] Kuantum Sonrası Hatalar ile Öğrenme Problemi Tabanlı Anahtar Kapsülleme Protokolleri ve Matris Vektör Çarpımı [765] Kafes Tabanlı Kriptosistemler için Eleme Algoritmaları Kullanarak Parametre Tahmin Etme [773] MaTRU Kriptosisteminin Biçimsel Analizi [776] 3-Aşamalı Sifir Bilgi Paylaşimli Kafes Tabanlı Yeni Kimlik Doğrulama Şeması
12:40-14:00			<b>Yemek (Lunch)</b>		
14:00-15:40	Havelsan Sunumu Yapı Kredi Teknoloji Sunumu KuveytTürk Sunumu	<b>Computer Network [1]</b> <b>Chair:</b> [701] Effect of Sink Node Position on Performance in Direct Diffusion Based Sensor Networks [753] Fuzzy Logic based Coordinator Node Selection Approach in Wireless Medical Sensor Networks [857] Synchronous Distributed Greedy Weighted Graph Matching Algorithms For Wireless Sensor Networks [873] New Heuristic Methods for Balanced Clustering Problem in Wireless Sensor Networks [878] Yazılım Tanımlı Ağlarda Genetik Algoritma ile Çoklu Denetleyici Yerleştirme Probleminin Çözümü [893] Dynamic Formation for Unmanned Aerial Vehicles Network	<b>Cloud Computing</b> <b>Chair:</b> [666] A Higher Level Security Protocol for Cloud Computing [755] Privacy Preserving Data Retrieval on Data Clouds with Fully Homomorphic Encryption [798] Analytical Modelling and Traffic Control Analysis of Security Attacks for Cloud Computing [844] An Auction Based Mathematical Model for Energy-Aware Virtual Machine Allocation in Clouds	<b>Machine Learning [3]</b> <b>Chair:</b> [741] A Comparative Assesment of Pulsar Families using GMM and DPGMM [762] A Weighted Majority Voting Ensemble Approach for Classification [767] Recognition and Classifying Sales Flyers Using Semi-Supervised Learning [789] Using Short Texts And Emojis To Predict The Gender of A Texter In Turkish [826] A Comparison of Text Classifiers on IT Incidents Using WEKA [839] Intelligent Mapping for Hotel Records Representing the Same Entity	<b>Security and Privacy [3]</b> <b>Chair:</b> [719] Forensic Analysis with Anti-Forensic Case Studies on Amazon Alexa and Google Assistant Build-In Smart Home Speakers [804] FairSDP: Fair and Secure Dynamic Cache Partitioning [832] An Authorization Framework with OAuth for FinTech Servers [833] Evasion Techniques Efficiency Over The IPS/IDS Technology [840] Machine Learning based Side Channel Selection for Time-Driven Cache Attacks on AES [876] Intrusion Detection Using Machine Learning and Deep Learning Techniques
15:40-16:00			<b>Çay Kahve Arası (Coffee Break)</b>		
16:00-18:00		<b>Computer Network [2] / Ubiquitous Computing</b> <b>Chair:</b> [906] SBRPV: Security Based Routing Protocol for Vehicular Ad hoc Networks [877] Performance Evaluation of Capacitated Minimum Spanning Tree Algorithms for Wireless Sensor Networks [723] A Novel Shortest Path Routing Algorithm for Wireless Data Collection in Transportation Networks [908] Bilişsel Radyo Tabanlı IoT Cihazlar için Frekans Farkındalıkli Yönlendirme Algoritmalarının İncelenmesi	<b>IoT</b> <b>Chair:</b> [652] Nesnelerin İnterneti Tabanlı Sulama Sistemi Tasarımı ve Gerçeklenmesi [664] Veri Bağlantı Protokollerinin Derlenmesi: Bluetooth Low Energy (BLE), ZigBee ve Z-Wave [700] Nesnelerin İnternetinin Güvenliğine Yönelik Algı ve Tercihlerin Tespiti Üzerine Bir Çalışma [704] Kaotik Sinyaller Kullanılarak İç Mekân Konumlandırılarda Yeni Yaklaşımlar [658] Identification of Acidosis Disease in Cattle Using IoT [850] Real-Time Object and Personnel Tracking in Indoor Location [884] Implementation of an SDN Based IoT Network Model for Efficient Transmission of Sensor Data	<b>Machine Learning [4] / Human Computing Interaction</b> <b>Chair:</b> [859] Steel Price Forecasting Using Long Short-Term Memory Network Model [861] Reinforcement Learning in Card Game Environments Using Monte Carlo Methods and Artificial Neural Networks [870] Multi-Target Regression for Quality Prediction in a Mining Process [890] Feature Selection with Evolving, Fast and Slow Using Two Parallel Genetic Algorithms [900] Alternative Credit Scoring and Classification Employing Machine Learning Techniques on a Big Data Platform [903] A Machine Learning based Recruitment System [909] Resource optimization in staff/nurse scheduling in healthcare - A review study	<b>Security and Privacy [4]</b> <b>Chair:</b> [838] E-Sağlık ve Mahremiyet: Riskler, Fırsatlar ve Çözüm Önerileri [889] Kablosuz Sensör Ağlarda Güvenlik [796] Düşük Bozulma Oranlı Steganografik Veri İletim Modeli [894] A Mondrian-based Utility Optimization Model for Anonymization [897] A Clustering Based Anonymization Model for Big Data
20:00-24:00			<b>Gala Yemeği (Gala Diner)</b>		

Time	Ana Salon (Main Room)	Salon - A	Salon - B	Salon - C	Salon - D
09:00-10:40		<b>Robotics and Automation / Biomedical and Health Informa. Chair:</b> [674] QR Kod Kullanılarak Raspberry Pi Tabanlı Robot Uygulaması: QR-Robot [882] Unsupervised Visual Ego-motion Learning for Robots [653] Effects of Other Color Spaces on Shape From Focus [678] FASTER RCNN ile Bel MR görüntülerinden Lumbar Disklerin Otomatik Olarak Tanınması ve Yerlerinin Belirlenmesi [818] Eğitime Yönelik Akıllı Sınıf Uygulamaları [769] Karaciğer hastalıklarında DNA diziliminin biyoenformatik hesaplamalarla irdelenmesi	<b>Data Science Chair:</b> [675] Ontology Based Job-Resume Matcher [856] Hotel Recommendation System Based on User Profiles and Collaborative Filtering [874] Performance Evaluations of Subnetwork Search Methods in Protein-Protein Interaction Networks [797] Dengesiz Sınıflarda Uyarlamalı Boosting ile Gürültü Tespiti	<b>Machine Learning [4] / Chair:</b> [828] Yapay Sinir Ağı Modelleri Kullanarak Sanal Zorbalığın Tespit Edilmesi [862] İşbirlikçi Filtreleme Sistemi [910] Otomatikleştirilmiş Talep/Öneri Sistemleri [918] Makine Öğrenmesi Algoritmaları ile Video Görüntülerinden Kişisel Özelliklerin Tahmini [683] Diz Hareketi İzleme Teknolojilerinin Karşılaştırmalı Değerlendirmesi [684] Diagnophone: Solunum Sesi Analizi İçin Bir Elektronik Stetoskop	<b>Embedded Systems / High Performance Computing Chair:</b> [680] Mikrodenetleyici ve FPGA Tabanlı Mimariler ile Parametrik Tetik Sinyali Üretimi [816] ZigBee Tabanlı Yeni Bir Mobil Parmak İzi Öğrenci Devam Durumu Takip Sistemi [853] Mikrodenetleyici Tabanlı Sistem ile Deprem Yatağının Geliştirilmesi [748] ARM big.LITTLE Mimarili Mobil İşlemci Performansının Çok-izlekli Yüz Tespiti ile Analizi [766] ARM Mimarili Mobil İşlemci Performansının Çok-izlekli Görüntü Sıkıştırma ile Analizi [823] Software UART: A Use Case for VSCPU Worst-Case Execution Time Analyzer
10:40-11:00	<b>Çay Kahve Arası (Coffee Break)</b>				
11:00-12:40		<b>Fuzzy + YSA / Computer Architecture Chair:</b> [722] A Fuzzy Rule Based Visual Criminal Tracking System for Drones [827] Parallel Implementation of Fuzzy Joint Points Clustering Algorithm on GPU [895] A Fuzzy Ship Domain-Based Method for Collision Avoidance at Sea [710] iMODE (interactive MOod Detection Engine) Processor [713] Bilecik İli Özelinde Bulanık Mantık Tabanlı Trafik Denetim Sistemi (Fuzzy Logic Based Traffic Control System in Bilecik Province)	<b>AI Chair:</b> [705] Daily Food Demand Forecast with Artificial Neural Networks: Kirikkale University Case [717] Design Considerations of a Flexible Computer Based Assessment System [778] Migration Pool Technique for Parallel Particle Swarm Optimization Algorithm [831] Performance Evaluation of NSGA-III and SPEA2 in Solving a Multi-Objective Single-Period Multi-Item Inventory Problem [902] Solving UAV Localization Problem with Artificial Bee Colony (ABC) Algorithm [691] Genetik ve Parçacık Sürü Optimizasyonu Algoritmalarının Portföy Optimizasyon Problemine Uygulanması: Borsa İstanbul ve Kripto Para Borsası	<b>Computer Vision and Pattern Recognition [1] Chair:</b> [677] An Intelligent System to Avoid the Moving Obstacles in Real Time to Navigate a Robot without Sensors [726] Performance Comparison of Transfer Learning and Training from Scratch Approaches for Deep Facial Expression Recognition [747] Automatic Facial Expression Recognition Method Using Deep Convolutional Neural Network [770] Gender Detection in Gait Analysis via Light CNN [681] Derin Öğrenme ile Nesne Taniyan Robot Uygulaması [760] Derin Öğrenme Yöntemi ile İnternet Sayfası Verisi Kazıma Sistemi	<b>Software Engineering [1] Chair:</b> [659] Evaluation of Trustworthy Scrum Employment for Agile Software Development based on the Views of Software Developers [685] PARSELF: A Practical PCRE Parser [759] A Consolidated Approach for Design Pattern Recommendation [795] An Analysis on Mutation Testing Tools For C# [810] Software Defect Estimation using Machine Learning Algorithms [866] Neural Sentiment Analysis of User Reviews to Predict User Ratings
12:40-14:00	<b>Yemek (Lunch)</b>				
14:00-14:40	<b>Davetli Konuşmacılar (Invited Speakers)</b>	Prof. Dr. Dzhavdet Suleymanov			
14:40-15:20	<b>Davetli Konuşmacılar (Invited Speakers)</b>	Prof. Dr. A. Hüseyin Şeker			
15:20-15:40	<b>Çay Kahve Arası (Coffee Break)</b>				
15:40-17:20	İdea Teknoloji Sunumu  Softtech Sunumu	<b>Signal Processing Chair:</b> [651] EEG-Based Emotion Estimation with Different Deep Learning Models [725] Hilbert-Huang Dönüşümü ve Derin Öğrenme Ağları ile EEG İşaretlerinin Sınıflandırılması [746] Multi-Sensor Indoor Positioning [775] Implementation of Different Modulation Schemes in Coherent Free Space Optical System	<b>Big Data &amp; Data Analitic Chair:</b> [641] Google AdWords için Teklif Yönetim Sistemi Tasarımı ve Geliştirilmesi [656] Machine Learning with Distributed Data Management and Process Architecture [662] Implementation of Data Preprocessing Techniques on Big Data Platforms [663] Dağıtık Büyük Veri İşleme Platformları Üzerinde Birlikte Kuralları Çıkarma Algoritmalarının Gerçeklenmesi [829] Big Data Security Problem Based on Hadoop Framework [901] Solving UAV Localization Problem with Artificial Bee Colony (ABC) Algorithm	<b>Computer Vision and Pattern Recognition [2] Chair:</b> [771] Automatic System for Sheepskin Quality Control with Convolutional Neural Network [781] Automated Nuclei Detection on Pleural Effusion Cytopathology Images using YOLOv3 [786] Uzaktan Algılanan Görüntülerde Bina Yoğunluğu Kestirimi İçin Derin Öğrenme [807] Sequential Naval Target Range Profile Classification Using Special Fusion Method [842] Emotion Prediction in Movies Using Visual Features & Genre Information [869] Chronic Tympanic Membrane Diagnosis based on Deep Convolutional Neural Network	<b>Software Engineering [2] / Blockchain / Programming Chair:</b> [888] An Empirical Research on the Relationship between Open Source Software Success and Test Effort [904] Predicting Software Vulnerabilities Using Topic Modeling on Issues [688] Blockchain-Based Electronic Voting System for Elections in Turkey [744] Data Cleaning for Process Mining with Smart Contract [917] Blok Zinciri Teknolojisi ile Veri Korunumu Sağlanmış Oylama Uygulaması
17:30-18:30	<b>Kapanış oturumu</b>				