

## UBMK 2021 INTERNATIONAL CONFERENCE PROGRAM (DAY/GÜN-1)

15 September 2021

Time	Mimar Kemalettin Main Room (Ana Salon)
10:30-11:00	Opening Speeches – Protokol Konuşmaları
<b>11:00-13:30</b>	<b>KEYNOTE SPEAKERS' SESSION - 1 : SESSION CHAIRS : PROF. DR. ALTAY GÜVENİR; PROF. DR. ALİ YAZICI</b>
11:00-11:40	<b>TECHNOLOGY CHANGED THE WORLD : AI / DÜNYAYI DEĞİŞTİREN TEKNOLOJİ : YAPAY ZEKA</b> Prof. Dr. Şule GÜNDÜZ ÖĞÜDÜCÜ, Istanbul Technical University
11:40-12:20	<b>AI USED IN PLARIGISM / YAPAY ZEKA İLE İNTİHAL TESPİTİ</b> Prof. Dr. Ilyas CICEKLI, Hacettepe University
12:20-13:00	<b>TOWARDS TRANSFORMATIVE ASSISTIVE TECHNOLOGIES / DÖNÜŞTÜRÜCÜ YARDIMCI TEKNOLOJİLERİNE DOĞRU</b> Prof. Dr. Amir Hussain, Edinburg Napier Univ.
13:00-13:30	<b>DELAYED NOTRONS AND ITS TECHNOLOGY SUPPORT / GECİKMİŞ NÖTRONLAR VE TEKNOLOJİYE KAZANDIRDIKLARI</b> Prof. Yahya KARSLIGIL, Yildiz Technical University (IN TURKISH)
13:30-14:00	<b>BREAK / ARA</b>
<b>14:00-16:00</b>	<b>KEYNOTE SPEAKERS' SESSION - 2 : SESSION CHAIRS : PROF. DR. HALIT OGUZTUZUN; PROF. DR. BANU DIRI</b>
14:00-14:40	<b>NEED FOR DIGITAL FORENSICS FOR BETTER SECURITY AND CHALLENGES LIE AHEAD</b> Prof. Dr. Cihan VAROL, Sam Houston State University, USA
14:40-15:20	<b>SECURING BIG DATA IN THE AGE OF ARTIFICIAL INTELLIGENCE / YAPAY ZEKA ÇAĞINDA BÜYÜK VERİLERİ KORUMA.</b> Prof. Dr. Murat KANTARCIOGLU, University of Texas Dallas, USA
15:20-16:00	<b>DEEP LEARNING IN FINANCE / FİNANSTA DERİN ÖĞRENME YAKLAŞIMLARININ KULLANIMI</b> Assoc. Prof. Dr. Murat OZBAYOGLU, TOBB ETU
<b>16:00-17:45</b>	<b>INVITED SPEAKERS' SESSION : SESSION CHAIRS : PROF. DR. NEVCIHAN DURU; PROF. DR. MEHMET SIRAC OZERDEM</b>
16:00-16:20	<b>NATIONAL AI STRATEGY AND ACTION PLAN 2021-2025 / 2021-2025 ULUSAL YAPAY ZEKA STRATEJİSİ VE EYLEM PLANI</b> Yavuz Emir BEYRİBEY, Vice President of Digital Transformation Office, Turkish Presidency (IN TURKISH)
16:20-17:00	<b>DATA DRIVEN STRATEGIC MANAGEMENT IN HIGHER EDUCATION / YÜKSEK ÖĞRETİMDE VERİ TEMELLİ STRATEJİK YÖNETİM</b> Prof. Dr. Adem KALINLI, METU (IN TURKISH)
17:00-17:30	<b>USING AI &amp; IT IN FOREST FIRE FIGHTING / ORMAN YANGINLARININ YÖNETİMİNDE BT VE YAPAY ZEKA KULLANIMI</b> İlhami AYDIN, Deputy Chair of Fire Fighting Department, Turkish Forestry Directorate (IN TURKISH)
17:30-17:45	<b>AI in TURKEY / TÜRKİYE'DE YAPAY ZEKA ÇALIŞMALARI</b> Fikret Anil OZORNEK, TRAI
17:45-18:00	<b>BREAK / ARA</b>
<b>18:00-19:30</b>	<b>BMBB BOARDS MEETING / KURUL TOPLANTISI : SESSION CHAIRS : Prof. Dr. ESREF ADALI; PROF. DR. İBRAHİM SOGUKPINAR</b>
18:00-19:30	<b>BMBB BOARD MEETINGS / KURUL TOPLANTISI - 1: PROBLEMS AND SOLUTIONS FOR COMPUTER SCIENCE AND ENGINEERING / BİLGİSAYAR BİLİMLERİ VE MÜHENDİSLİĞİNDE KARŞILAŞILAN PROBLEMLER VE ÇÖZÜM ÖNERİLERİ</b> (Close. Session only for Head of Computer Engineering Departments / Sadece Bölüm Başkanlarının Katılımına Açık Toplantıdır.) (IN TURKISH)

## UBMK 2021 INTERNATIONAL CONFERENCE PROGRAM (DAY-2)

Time	Virtual Main Room	Virtual Room - A	Virtual Room - B	Virtual Room - C	Virtual Room - D	Virtual Room - E
09:00-10:20	SESSIONS / OTURUMLAR CHAIR / OTURUM BAŞKANI	SESSION 1: INFORMATION SECURITY&PRIVACY / Q&A Session Chair: Assit. Prof. Dr. Murat ORHUN, Bilgi University	SESSION 2: DATA SCIENCE / Q&A Session Chair: Assit. Prof. Dr. Tarik YERLIKAYA, Trakya University	SESSION 3: NATURAL LANGUAGE PROCESSING - 1 / Q&A Session Chair: Prof. Dr. Sule OGUDUJCU, ITU	SESSION 20: INTERNET OF THINGS / Q&A Session Chair: Assoc. Prof. Dr. Murat YILMAZ, Gazi University	SESSION 5: INTELLIGENT SYSTEMS / Q&A Session Chair: Assoc. Prof. Dr. Muhammet Ali AYDIN, İstanbul University-Cerrahpaşa
09:00-09:20		1277; Deepfake and Security of Video Conferencing; Ahmet Semih UCAN, Fatih Mustafa BUCAK, Mehmet Ali Han TUTUK, Halis Ibrahim AYDIN, Ertugrul SEMİZ, Serif BAHTIYAR	1366; On the Detecting Anomalies within the Clickstream Data: Case Study for Financial Data Analysis Websites; Etkin PINAR, Mert Samil GUL, Mehmet Siddik AKTAS, Ishak AYKURT	1414; Offensive Language Detection in Turkish Tweets with Bert Models; Anil OZBERK	1458; An Evaluation of Internet of Nano-Things Simulators; Emre SAHİN, Orhan DAGDEVİREN, Mustafa Alper AKKAS	1295; Blockbuster: A New Perspective on Popularity Bias in Recommender Systems; Emre YALCIN
09:20-09:40		1394; A Communication Efficient Federated Learning Approach to Multi Chest Diseases Classification; Alper Emin CETINKAYA, Murat AKIN, Seref SAGIROGLU	1372; A Static Dictionary-Based Approach To Compressing Short Texts; Murat ASLANYUREK, Altan MESUT	1375; A Comparative Analysis on Medical Article Classification Using Text Mining & Machine Learning Algorithms; Burak KOLUKISA, Bilge Kagan DEDETURK, Beyhan Adanur DEDETURK, Abdulkadir GULSEN, Gokhan BAKAL	1335; Effect of Mobility on the Performance of IoT Networks; Sercan SARI, Mehmet Erdem CAKIR, Sebnem BAYDERE	1291; An Architecture for Learning Intelligent Assistant; Mehmet Emre ATASOY, Altan KOCYIGIT
09:40-10:00		1342; Anomaly Detection on BITCOIN Values; Ekin Ecem TATAR, Murat DENER	1421; A Comparative Evaluation of AMQP, MQTT and HTTP Protocols Using Real-Time Public Smart City Data; Cavide Balki GEMIRTER, Cagatay SENTURCA, Sebnem BAYDERE	1329; THQuAD: Turkish Historic Question Answering Dataset for Reading Comprehension; Fatih SOYGAZI, Okan CIFTCI Ugurcan KOK, Soner CENGİZ	1385; Smart Home System Using Internet of Things Devices and Mesh Topology; Seher Inci TASTAN, Gokhan DALKILIC	1453; Keystroke Dynamics Based Authentication System; Nursah CEVİK, Sedat AKLEYLEK, Kadir Yunus KOC
10:00-10:20		1413; Detecting TCP Flood DDoS Attack by Anomaly Detection based on Machine Learning Algorithms; Berkay OZCAM, Hakan KILINC, Abdul Halim ZAIM	1462; Analyzing Deep Learning Models: Generalization Ability Under Different Augmentations on Deepfake Datasets, Ilkin HUSEYİNLI, Songul VARLI	1382; Finite State Machine Model for Uzbek Language Morphological Analyser; Khamroyeva Shahlo MIRDJANOVA	1405; Wormhole Attacks in IoT Based Networks; Ekin Ecem TATAR, Murat DENER	1474; Towards Applying Fuzzy Systems in Intelligent Agent-based CPS: A Case Study; Burak KARADUMAN, Baris Tekin TEZEL, Moharram CHALLENGER
10:20:10:30	BREAK / ARA					
10:30-11:00	HUAWEI - PRESENTATION (IN TURKISH)	Session Chair: Prof. Dr. Nevcihan DURU				
11:00-12:20		SESSION 6: INFORMATION SECURITY - 1 / Q&A Session Chair: Assoc. Prof. Dr. Ahmet Hasan KOLUKSUZ, Yasar University	SESSION 7: MACHINE LEARNING APPLICATION / Q&A Session Chair: Prof. Dr. Dervis KARABOGA, Erciyes University	SESSION 8: NATURAL LANGUAGE PROCESSING - 1 / Q&A Session Chair: Prof. Dr. Ahmet SERTBAS, İstanbul-Cerrahpaşa University	SESSION 9: COMPUTER VISION / Q&A Session Chair: Prof. Dr. Abdulsamet HASIOĞLU, Atatürk University	SESSION 10: INTELLIGENT SYSTEMS / Q&A Session Chair: Prof. Dr. Recep Alp KUT, 9 September University
11:00-11:20		1415; Machine Learning Approaches in Detecting Network Attacks; Hasan DALMAZ, Erdal ERDAL, Halil Murat UNVER	1410; A Comparison of Machine Learning Algorithms on Lithium-ion Battery Cycle Life Prediction; Melike DOKGOZ, Yusuf YASLAN	1315; Pretrained Neural Models for Turkish Text Classification; Halil Ibrahim OKUR, Ahmet SERTBAS	1448; A New Approach to Use Modern Object Detection Methods More Efficiently on CCTV System; Oguzhan CAN, Sezai Burak KANTARCI, Gozde UNAL	1381; Features of the Development of Intelligent Scientific and Educational Internet Resources; ZH. B. SADIRMEKOVA, J. A. TUSSUPOV, M. A. SAMBETBAYEVA, A. S. YEROMBETOVA, Y. A. ZAGORULKO
11:20-11:40		1459; Investigation of Cyber Situation Awareness via SIEM Tools: A Constructive Review; Ugur UNAL, Ceyda Nur KAHYA, Yaprak KURTLUTEPE, Hasan DAG	1411; Risk Group Prediction of Software Projects Using Machine Learning Algorithm; Asim Kerem HANCI	1317; Two Level Document Image Classification; Adnan ONCEVARLIK, Akin AKON, Kemal Doruk YILDIZ, Esref ADALI	1270; Performance Evaluation of JPEG Standards, WebP and PNG in Terms of Compression Ratio and Time for Lossless Encoding; Emir OZTURK, Altan MESUT	1401; Analysis of Honey Production with Environmental Variables; Ercan ATAGUN, Ahmet ALBAYRAK
11:40-12:00		1380; A Review of Spam Detection in Social Media; Ilke YURTSEVEN, Selami BAGRIYANIK, Serkan AYVAZ	1497; The Performance Comparison of Machine Learning Algorithms in Heart Failure Clinical Records Dataset; Aleyna Nur KARAOGLU, Hasan CAGLAR, Ali DEGIRMENCI, Omer KARAL	1511; Database of Frame Type in the Turkic Morpheme Portal; Ayrat GATIATULLIN, Lenara KUBEDINOVA, Nikolai PROKOPEV	1431; Emotion Analysis from Facial Expressions Using Convolutional Neural Networks; Muhammed Coskun IRMAK, Mehmet Bilge Han TAS, Sedat TURAN, Abdulsamet HASIOĞLU	1306; On the Comparative Analysis of Sequence Mining Algorithms: Case Study in Telecommunications; Doruk TIKTIKLAR, Mehmet Siddik AKTAŞ
12:00-12:20		1508; SSH and Telnet Protocols Attack Analysis Using HoneyPot Technique; Melike BASER, Ebu Yusuf GUVEN, Muhammed Ali AYDIN	1368; A Comparative Study of Machine Learning Approaches for Non Performing Loan Prediction; Sefik SERENGLI, Salih IMECE, Ugur Gurkan TOSUN, Ege Berk BUYUKBAS, Bilge KOROGLU	1345; Publisher-Subscriber Based Context-Aware Application Development Platform; Aykut GUNER, Ufuk CELIKKAN, Kaan KURTEL	1462; Small Object Detection and Tracking from Aerial Imagery; Mustafa AKTAS, Hasan Fehmi ATES	1376; DCT and Optimum Parameter Bilateral Filtering-Based Copy-Move Forgery Detection; Isil KARABEY AKSALLI
12:20-14:00	BREAK / ARA					
14:00-14:30	YAPI KREDİ TEKNOLOJİ - PRESENTATION (IN TURKISH)	Session Chair: Prof. Dr. Erdal KILIC				
14:30-15:00	SOFTTECH - PRESENTATION (IN TURKISH)					
15:00-16:20		SESSION 11: INFORMATION SECURITY&PRIVACY / Q&A Session Chair: Prof. Dr. Tuncay YIGIT, Süleyman Demirel University	SESSION 12: MACHINE LEARNING APPLICATIONS / Q&A Session Chair: Prof. Dr. Saban EREN, Yasar University	SESSION 13: NATURAL LANGUAGE PROCESSING - 1 / Q&A Session Chair: Assoc. Prof. Dr. Serhan YARKAN, İstanbul Ticaret University	SESSION 14: AI in HEALTH / Q&A Session Chair: Assit. Prof. Dr. Mustafa KAYA, Firat University	SESSION 15: IOT&NETROKS / Q&A Session Chair: Prof. Dr. Suat OZDEMİR, Hacettepe University
15:00-15:20		1506; Security and Privacy Challenges, Solutions, and Open Issues in Smart Metering: A Review; Lae WIN, Samet TONYALI	1495; Navigation Patterns of a Hybrid Scanning Agent using Uninformed and Informed Search Algorithms for Reactive and Deliberative Motions; Ceydanur OZTURK, Hasibe CORUH, Iremnur CIVIOGLU	1318; Learning and Predicting Asset Management; Esref ADALI, Mustafa Ersel KAMASAK, Kagan KUCUK, Fatih KAHRAMAN	1476; An Ensemble Approach for Artefact Detection on Gastroendoscopy Images; Furkan ARTUNC, Ilkay OKSUZ	1275; Designing of an Ultra-Wide Band Communication Protocol Based Direction/Product Finding System in Markets and Stores for Visually Impaired Individuals; Sonay DUMAN, Mehmet Ali AKTAS
15:20-15:40		1331; A new feature selection approach and classification technique for current intrusion detection system; Merve OZKAN OKAY, Refik SAMET, Omer ASLAN	1387; Improving regression performance on monocular 3D object detection using Bin-Mixing and sparse voxel data; Eren BALATKAN, Furkan KIRAC	1419; Topic-Controlled Text Generation; Cansel CAGLAYAN, Murat KARAKAYA	1490; A Simple Data Augmentation Method to Improve the Performance of Named Entity Recognition Models in Medical Domain; Abdul Majeed ISSIFU, Murat Can GANIZ	1300; Real Time Air and Water Quality Monitoring based on Distributed Sensor Network; Aytun ONAY, Yasin AKIN, Ali KAFALI, Erol CIRACI
15:40-16:00		1407; PYNQ-Based Rapid FPGA Implementation of Quantum Key Distribution; Yiğit BILGIN, Shewit W. TESFAY, Seçkin IPEK, H. Fatih UGURDAG, Kadir DURAK, Sezer GOREN	1509; A UML-Based Conceptual Model for Appointment Booking Systems; Ali PISIRGEN, Serhat PEKER	1289; The Task of Tagging Part of Speech of Uzbek Language; Abjalova Manzura ABDURASHETONA, Iskandarov Otakab ISMALOVIC	1404; Covid19 Diagnosis: Comparative Approach Between Chest X-Ray and Blood Test Data; Ali Emre OZTAS, Mahir DEMİR, Ege OZTEKE, Dorukhan BONCUKCU, Arzu MIRICI, Pinar MUTLU	1279; Sentiment Analysis using Transformers and Machine Learning Models; Hüseyin ILGUN, Erdal KILIC
16:00-16:20		1320; Learning steganography with a strip transform; Elmira DAIRBAYEVA, Algerim YERİMBETOVA, Zhanbolat MARATOV, Aynur TOIGOZHINOVA, Madina SAMBETBAYEVA	1409; Research of Cluster Analysis Methods for Group Solutions of the Pattern Recognition Problem; Lyailya CHERIKBAYEVA, Algerim YERİMBETOVA, Elmira DAIRBAYEVA	1467; Improving Text Classification with Transformer; Gokhan SOYALP, Artun ALAR, Kaan OZKANLI, Beytullah YILDIZ	1303; Anomaly Detection with Deep Long Short Term Memory Networks; Merve Begum TERZI	1321; A Strong Authentication Protocol for Identity Verification in Internet of Things; Hakan DALKILIC, Mehmet Hilal OZCANHAN
16:20-16:50	CYBERSOFT - PRESENTATION (IN TURKISH)	Session Chair: Assoc. Prof. Dr. Sedat AKLEYLEK				
16:50-17:20	LOGO - PRESENTATION (IN TURKISH)					
17:30-18:30		SESSION 16: DATA SCIENCE / Q&A Session Chair: Prof. Dr. Halit Hami OZ, İstanbul Gedik University	SESSION 17: MACHINE/DEEP LEARNING / Q&A Session Chair: Prof. Dr. Mustafa ULUTAŞ, Karadeniz Technical University	SESSION 18: INTELLIGENT SYSTEMS / Q&A Session Chair: Prof. Dr. M. Ali AKCAYOL, Gazi University	SESSION 19: BİLİŞİMDE ÖZENLİ TÜRKÇE VE BMO ÇALIŞMALARI / CARING TURKISH IN ICT AND BMO STUDIES (IN TURKISH) Session Chair: Prof. Dr. Ali YAZICI	SESSION 20: INTELLIGENT SYSTEMS / Q&A Session Chair: Assit. Prof. Dr. Umit CAN, Munzur University
17:30-17:50		1442; XML Document Transformation for Data Manipulation Operations; Aigul MUKHITOVA, Algerim Yerimbetova, Nenad Mladenovic	1281; Deep Learning Methods with Pre-Trained Word Embeddings and Pre-Trained Transformers for Extreme Multi-Label Text Classification; Necdet Eren ERCİYES, Abdül Kadir GORUR	1268; Satın Alma Zamanının Tahminine Yönelik Derin Öğrenme Tabanlı Yeni Bir Tahmin Modeli; Anil UTKU, M. Ali AKCAYOL	Bilişimde Özenli Türkçe Belgin AKSU (TDK), İ. İlker TABAK (TBD), Ahmet PEKEL (TBD)	1460; Capability Assessment of Software Product Line Processes in Defense Industry; Damla SAVAS, Ebru GOKALP, Ayca Kolkusa TARHAN
17:50-18:10		1456; Topic Modeling Using LDA and BERT Techniques: Teknofest Example; Ercan ATAGUN, Bengisu HARTOKA, Ahmet ALBAYRAK	1293; Improvement of Machine Learning Models Performances based on Ensemble Learning for the Detection of Alzheimer Disease; Selim BUYRUKOGLU	1284; Deep Learning Based Effective Weather Prediction Model; Anil UTKU, Umit CAN		1343; A Benchmark Study on the Use of WebRTC Technology for Multimedia IoT; M. Ugur SEKER, H. Hakan KILINC
18:10-18:30		1463; NFT based Fundraising System for Preserving Cultural Heritage: Heirloom; Emre ERTURK, Murat DOĞAN, Umit KADIROĞLU, Enis KARAARSLAN	1356; On Comparative Classification of Relevant Covid-19 Tweets; Gokhan BAKAL, Orhan ABAR	1464; Bit Reduction Based Audio Steganography Algorithm; Ali Erdem ALTINBAS, Yıldırım YALMAN	BMO Eğitiminde Son Durum, Gülin Onat BAYIR, İ. İlker TABAK	1287; Data Mining Techniques For Detecting Blood Diseases; Mohammed Abdulbasit ALAMERI
18:30-18:50		1468; I-Supported Cross and UP Sales Tendency Analysis System For Insurance Companies; Tolgahan SATICI, Recep BAYINDIR	1286; Analysis of the social media impact on the popularity of cryptocurrencies; Serkan SAVAS		BMO Meslek Tanımları ve Mesleki Denetim Çalışmaları - Meslek Tanımlarında İzlenen Yol, Birkan SARIFAKIOĞLU, Hülya KÜÇÜKARAS	1440; Fine-Tuning Throughput and QoS on SMT Cores; Cavide Balki GEMIRTER, Gurhan KUCUK
18:50-19:00	BREAK / ARA					
19:00-20:00	BMBB BOARD MEETING / TOPLANTISI - 2	AKADEMİK BİLİŞİM VAKFI (CLOSED SESSION FOR BMBB BOARD MEMBERS ONLY - SADECE BÖLÜM BAŞKANLARININ KATILIMINA AÇIK TOPLANTIDIR) (IN TURKISH)				

UBMK 2021 INTERNATIONAL CONFERENCE PROGRAM (DAY-3)

17 September 2021

Time	Virtual Main Room	Virtual Room - A	Virtual Room - B	Virtual Room - C	Virtual Room - D	Virtual Room - E	
09:30-10:50	SESSIONS / OTURUMLAR OTURUM BAŞKANI	SESSION CHAIR / SESSION CHAIR: Prof. Dr. Abdul Halim ZAIM, İstanbul Ticaret University	SESSION 21: BİLGİ GÜVENLİĞİ / INFORMATION SECURITY Q&A (IN TURKISH) Session Chair: Prof. Dr. Abdul Halim ZAIM, İstanbul Ticaret University	SESSION 22: ALGORİTMALAR / ALGORITHMS Q&A (IN TURKISH) Session Chair: Prof. Dr. Hamza EROL, Mersin University	SESSION 23: ZEKİ SİSTEMLER / INTELLIGENT SYSTEMS Q&A (IN TURKISH) Session Chair: Assit. Prof. Dr. Erhan GÖKÇAY, Atılım University	SESSION 24: ZEKİ SİSTEMLER / INTELLIGENT SYSTEMS Q&A (IN TURKISH) Session Chair: Assoc. Prof. Dr. Mehmet HACİBEYOĞLU, Necmettin Erbakan University	SESSION 25: DERİN ÖĞRENME / DEEP LEARNING Q&A (IN TURKISH) Session Chair: Prof. Sezer GÖREN, Yeditepe University
09:30-09:50		1267; Android Güvenlik Analizinde Özelik Seçim Yöntemlerinin Karşılaştırılması; Recep Sinan ARSLAN	1316; Ayrıntılı Lokal Arama Stratejisi ile Geliştirilmiş Yeni Bir Yapay Deneyim Arama Algoritması; Gülnur YILDIZDAN; Ömer Kaan BAYKAN	1397; Coğrafi Radar Dağıtım Optimizasyonu; Furkan ŞAŞATLI	1447; Nesnelerin İnterneti ile Engelli Bireyler için Akıllı Ev Sistemi Tasarımı; Enes ELÇİ, Nesibe YALÇIN, Sibel ÜNALDI	1280; Derin Öğrenme ile Otomatik Olarak Üretilen Resim Alt Yazısındaki Hataların Tespiti; Murat KARAKAYA	
09:50-10:10		1269; Büyük Verilerde Gizlilik için Tek Etiket Modeli; Çiğdem BAKIR	1327; Soru Cevaplamada Önerilen Varlık İsmi Tanıma Yöntemi ile BERT Modelinin İyileştirilmesi; Zekiye Anıl GÜVEN, Murat Osman ÜNALIR	1398; Dron Görüntülerinden Nesne Tespiti; Bahar BENDER	1501; Çağrı Merkezlerinde Türkçe Konuşma Tanıma Sistemi; Hatice ALTINOK, Serdar KURDAL, Murtaza Mehdi YUCAL, Eyüp Ensar KALAYCI	1328; Bilgi Sistemlerinde Derin Öğrenme Tabanlı Olay İlişkileri Analizi; Atahan DUMAN, İbrahim SOĞUKPINAR	
10:10-10:30		1457; Kötü Amaçlı Yazılımların Derin Öğrenme Yöntemleri ile Tespiti; Ümit KÖSE, Refik SAMET	1478; EEG Sinyallerinde Gürültü Minimizasyonu için Harmoni Arama Temelli Yeni Bir Yöntem; Serhat Celil İLERİ, Selçuk ASLAN, Sercan DEMİRCİ	1400; Ulaşım Sistemleri için Mesaj Tabanlı Cihaz İletişim Çerçevesi; Can Öz, N. Yasemin TOPALOĞLU	1482; En Küçük Kareler Yöntemi ile Manyometre Kalibrasyon Algoritması Geliştirilmesi ve Performans İncelemesi; Murat GÜDER, Cihat Nurettin YILMAZ, İbrahim Ahmet ALTAŞ	1362; Twitter'daki Türkçe Haber Paylaşımlarının Derin Öğrenme Tabanlı Sınıflandırılması; Alper Beykan YOLCU, Sedat DEMİRCİ	
10:30-10:50		1469; Sahte Ürün Ticaretiyle Mücadelede Blockchain Teknolojisi Kullanımı; Tuğba BEKMAN;	1396; Dijital Reklamcılıkta Ağzolu Hareket Belirleme Algoritması ile Demografik Hedefleme; Başak Esin KÖKTÜRK GÜZEL, Bora MOCAN, Büşra ARSLAN, Gökçe POLAT, Tanık KAVUŞAN	1424; Duygu Analizi ve Topuluk Öğrenmesi Yaklaşımları ile Kullanıcı Yorumlarının Analizi; Adham Jolosi ZADA, Ahmet ALBAYRAK	1388; SSIM Modelin Geliştirilmesine Dayanan 3B Video Kalite Değerlendirmesi; Gökce Nur YILMAZ, Gozde Bozdağı AKAR	1481; Beyin Damar Bölütlemesinde Derin Sinir Ağlarının Deneysel Karşılaştırılması; Tuğçe KOÇAK, Musa AYDIN, Berna KIRAZ	
10:50-11:00	BREAK / ARA						
11:00-12:20		SESSION 26: INTELLIGENT SYSTEMS / Q&A Session Chair: Prof. Dr. Asaf VAROL, Maltepe University	SESSION 27: MAKİNE ÖĞRENMESİ / MACHINE LEARNING Q&A (IN TURKISH) Session Chair: Prof. Dr. Osman Ayhan ERDEM, Gazi University	SESSION 28: DOĞAL DİL İŞLEME / NLP Q&A (IN TURKISH) Session Chair: Prof. Dr. Muharrem Tolga SAKALLI, Trakya University	SESSION 29: MAKİNE ÖĞRENME UYGULAMALARI / MACHINE LEARNING APPLICATIONS Q&A (IN TURKISH) Session Chair: Assoc. Prof. Dr. Ercan BULUŞ, Namik Kemal University	SESSION 30: DOĞAL DİL İŞLEME / NLP Q&A (IN TURKISH) Session Chair: Assit. Prof. Dr. Zeynep ALTAN, Beykent University	
11:00-11:20		1451; Communication Traffic Monitoring for Mobile Applications; Sema OKTUG, Huveyscan KAMAR	1491; Otomatik Makine Öğrenmesi Platformu; Gözde SELVİ, Göknur DAG, Enur Gaye DIRICA, Kevsir OZDEM, M. Ali AKCAYOL, Tefik AKTAY, Sevgi Merve AKSU	1369; Metin Sınıflandırma için Aktif Öğrenmedeki Farklı Senaryolar ve Sorgu Stratejileri; Zeynep YETİŞTİREN, Can ÖZBAZ, Hakkı Eren ARKANGİL	1383; Kablosuz Algılayıcı Ağlarda Makine Öğrenmesi Algoritmaları Kullanarak Saldırı Tespit Sistemi Modellemesi; Hamza ELBAHADIR	1310; Çağrı Merkezi Süreçlerinde Müşteri Deneyimi Ölçümü ve Yeni Nesil Yaklaşımlar; Samet GÜRSEV, İlyas ARUCA	
11:20-11:40		1311; Hybrid Job and Resume Matcher, Nimet TULUMEN, Gokhan AKGUN, Gunnur Sevgi AKTOROS GENC	1292; Türkçe Tweetlerde Duygu Analizi için BERT Modelleri ve Makine Öğrenme Yöntemlerinin Karşılaştırılması; Zekiye Anıl GÜVEN	1444; Mevzuat Veri Setinde Soru Cevaplama Uygulaması; Meltem ÇETİNER, Ahmet YILDIRIM, Cüneyt ÖKSÜZ, Bahadır ONAY	1305; Makine Öğrenmesi Yöntemleri Kullanılarak Müşteri Kaybı Tahmini: Karşılaştırmalı Bir Analiz; Hamdullah KARAMOLLAOĞLU, İbrahim YÜCEDAĞ, İbrahim Alper DOĞRU	1313; Dönüştürücü Tabanlı Doğal Dil İşleme Yöntemleri ile Reklam Metni Sınıflandırılması; Umut ÖZDİL, Büşra ARSLAN, Davut Emre TAŞAR, Gökçe POLAT, Şükrü OZAN	
11:40-12:00		1349; Targeted Personalized Product Bundle Generation; Okan TUNALI, Ahmet Tuğrul BAYRAK	1274; Deri Kanseri Sınıflandırılmasında Yeni Bir Derin Öğrenme Modeli; Melisa UÇKUNER, Hamza EROL	1454; Sağlık Alanında Kelime Temsil Yöntemlerinin Anlamsal Benzerlik Karşılaştırması; Hilal TEKGÖZ, Halil İbrahim ÇELENLİ, Sevinç İlhan OMURCA	1351; Makine Öğrenmesi Teknikleri Yardımıyla Otizm Spektrum Bozukluğu Teşhisi; Hidayet TAKÇI, Saliha YEŞİLYURT	1344; Şirketlerde Anlamsal Ağın Hayata Geçirilmesi: İnsan Kaynakları Ontolojisi; Erinc ÇİBİL, Murat KOMESLİ	
12:00-12:20		1423; A New Geocast Routing Protocol for VANET; Sina Gogani KHIABANI, Sema OKTUG	1272; Büyük Veri Tabanlı Arşivleme Yönetim Sistemi; Aysegül Şenol ÇALIM, Cüneyt KAYA, Hakan YÜKSEL	1450; BERT, ELECTRA ve ALBERT Dil Modellerinin Türkçe Ürün Yorumları için Duygu Analizine Etkisi; Zekiye Anıl GÜVEN	1374; Hiperparametre Optimizasyonu Yöntemleri Kullanılarak Sınıflandırma Algoritmalarının Performans Değerlendirmesi; Abdullah Ammar KARCIOĞLU, Hasan BULUT	1420; Uygun Maliyetli Aktif Öğrenme Yöntemi Kullanarak Nesne Etiketleme; Nuh HATİPOĞLU, Esra ÇINAR, Hazım Kemal EKENEL	
12:20-14:00	BREAK / ARA						
14:00-14:30	ASELSAN						
14:30-15:00	KUYEYTTÜRK						
15:00-16:40		SESSION 31: DEEP LEARNING / Q&A Session Chair: Prof. Dr. Nizamettin AYDIN, Yıldız Technical University	SESSION 32: SOFTWARE ENGINEERING / Q&A Session Chair: Prof. Dr. Nafiz ARICA, Bahçesehir University	SESSION 33: BLOCKCHAIN - 1 / Q&A Session Chair: Assoc. Prof. Dr. Meltem ERYILMAZ, Atılım University	SESSION 34: DEEP LEARNING / Q&A Session Chair: Assit. Prof. Dr. Ali BOYACI, İstanbul Ticaret University	SESSION 35: DEEP LEARNING / Q&A Session Chair: Dr. Mehmet Akif ÇİFTÇİ	
15:00-15:20		1472; Apk2img4AndMal: Android Malware Detection Framework Based on Convolutional Neural Network; O. Emre KURAL, D. Ozkan SAHİN, Sedat AKLEYLEK, Erdal KILIC, Burak COŞKUN	1402; Early Stage Fault Prediction via Inter-Project Rule Transfer; Nazlı Ece UYKUR, Begum MUTLU, Ebru A. SEZER	1399; Enterprise Blockchain-Based Privacy Sharing on Internet of Things Devices; Safak OKSUZER, Gokhan DALKILIC, Cem KOSEMEN	1301; Regenerating Large Volume Vector Layers with a Denormalization-Based Method; Murat TASYUREK	1365; Gender determination from pictures with CNN models; Ercan BULLUS	
15:20-15:40		1367; Deep Learning Approach for EEG Artifact Identification and Classification; Ramin RAJABIUN, Ali Özen AKYUREK, Ebru A. SEZER	1455; Utilization of Online Collaborative Tools in Software Engineering: An Empirical Study on Review Meetings; İbrahim AKMAN, Çiğdem TURHAN, Tuna HACALOĞLU	1304; Blockchain Based Mutual Authentication for VoIP Applications with Biometric Signatures; Mustafa KARA, S. Gani SANLIOZ, Hisham R. J. MERZEH, Muhammed Ali AYDIN, H. Hüseyin BALIK	1308; Convolutional Attention Network for MRI-based Alzheimer's Disease Classification and Its Interpretability Analysis; Yasemin TURKAN, F. Boray TEK	1367; Deep Learning Approach for EEG Artifact Identification and Classification; Ramin RAJABIUN, Ali Özen AKYUREK, Ebru A. SEZER	
15:40-16:00		1386; CNN-based Text-independent Automatic Speaker Identification Using Short Utterances; Mandana FASOUNAKI, Emirhan Burak YUCE, Serkan ONCUL, Gokhan INCE	1373; Software Log Classification in Telecommunication Industry; Onur ÜLKÜ, Necip GOZUJACIK, Senem TANBERK, Muhammed Ali AYDIN, Abdul Halim ZAIM	1377; A Review Of Blockchain Based Solutions For Fight Against Pandemics; Seval CAPRAZ, Adnan OZSOY	1309; Detecting Transparency of Glasses with Capsule Networks Based on Deep Learning; Metin BILGIN, Korhan MUTLUODOGAN	1386; CNN-based Text-independent Automatic Speaker Identification Using Short Utterances; Mandana FASOUNAKI, Emirhan Burak YUCE, Serkan ONCUL, Gokhan INCE	
16:00-16:20		1370; Deep Convolutional Feature-based Gait Recognition Using Silhouettes and RGB Images; Selin Gök İSİK, Hazım Kemal EKENEL	1445; Software Quality Measurement Modelling Using AHP and Promethee Methods; Zeki Vural CALOGLU, Metin ZONTUL, İlkey YELMEN, Selami BAGRIYANIK	1471; PSO based Blockchain Committee Member Selection; Marwan Saleh JAMEEL	1357; Deep Learning Based Topic Classification for Sensitivity Assignment to Personal Data; Apdullah YAYIK, Hasan APIK, Ayşe TOSUN	1330; Classification of Covid-19 X-ray Images Using Tridiagonal Matrix Enhanced Multivariate Products Representation; Furkan EREN, Zeynep GUNDOGAR	
16:20-16:40		1378; Analysis of RepVGG on Small Sized Dandelion Images Dataset in terms of Transfer Learning, Regularization, Spatial Attention as well as Squeeze and Excitation Blocks; Mustafa NERGİZ	1498; Ensemble and Cross-Project Software Reliability Growth Models for Safety-Critical Systems; Elifnur ÖZTURK, Ayşe TOSUN	1446; Tweet Sentiment Analysis for Cryptocurrencies; Emre SASMAZ, F. Boray TEK	1285; Information retrieval from web with Faster R-CNN deep learning networks: A new perspective; Sudhir Kumar PATNAIK		
16:40-16:50	ONLINE BİLGİ						
16:50-17:20	GARANT BBVA TEKNOLOJİ						
17:20-17:30	BREAK / ARA						
17:30-18:50		SESSION 36: DEEP LEARNING / Q&A Session Chair: Prof. Dr. Sema Fatma OKTUG, İTÜ	SESSION 37: INTELLIGENT SYSTEMS / Q&A Session Chair: Assoc. Prof. Dr. İbrahim Berkan AYDILEK, Harran University	SESSION 38: INTELLIGENT SYSTEMS / Q&A Session Chair: Prof. Dr. Zafer ASLAN, İstanbul Aydın University	SESSION 39: INTELLIGENT SYSTEMS / Q&A Session Chair: Dr. Abdulkadir ALBAYRAK, Dicle University	SESSION 40: ZEKİ SİSTEMLER / INTELLIGENT SYSTEMS Q&A (IN TURKISH) Session Chair: Assit. Prof. Dr. Mehmet NERGİZ, Dicle University	
17:30-17:50		1412; Deep Learning for Videoconferencing - A Brief Examination of Speech to Text and Speech Synthesis; Senem TANBERK, Volkan DAGLI, Mustafa Kagan GURKAN	1298; Test Data Generation for Dynamic Unit Test in Java Language using Genetic Algorithm; Zhela Jalal RASHID, M. Fatih ADAK	1417; A Region Alignment and Matching Method for Fractured Object Reassembly; Omer CAKIR, Vasif NABİEV	1275; Designing of an Ultra-Wide Band Communication Protocol Based Direction/Product Finding System in Markets and Stores for Visually Impaired Individuals; Sonay DUMAN, Mehmet Ali AKTAS	1364; Yapay Zeka ve Siber Güvenlik Üzerine Bir İnceleme; Ayşe OKUTAN, Can EYUPOĞLU	
17:50-18:10		1441; An Exploratory Case Study for Turkish Sentiment Classification Using Graph Convolutional Neural Networks; Yasir KILIC, Ahmet BUYUKEKE	1355; Controlling Shadow IT a Case Study from a Bank in Turkey; Necmettin OZKAN, Kubra Nur BULUT, Mehmet Sahin GOK, Gokhan OZER	1422; Lung Inflammatory Classification of Diseases using X-ray Images; Selim SÜRÜCÜ, Hamza Haruna MOHAMMED, Roya CHOUPANI	1334; Classification and Irrigation of Different Kinds of Plants with Mobile Application; Elif YALCIN, Derya YILTAS KAPLAN	1510; İmmün Plazma Algoritması ile Bilişsel Radyo Ağlarında Kanal Atama Probleminin Çözülmesi; Murat KISA, Serkan DEMİRCİ, Sibel ARSLAN, Selçuk ARSLAN	
18:10-18:30		1443; Real-Time Puddle Detection Using Convolutional Neural Networks with Unmanned Aerial Vehicles; M. Bilge Han TAS, M. Coskun IRMAK, Sedat TURAN, Abdulsamet HASILOGLU	1336; FPGA-based Minimal Latency HEFT Scheduler for Heterogeneous Computing; İlkin ALİYEV, Joshua MACK, Nirmal KUMBHARE, Ali AKOGLU, H. Fatih UGURDAG	1428; Facial Expression Recognition in the Wild with Application in Robotics; Hasan HAN, Oguzcan KARADENİZ, Elena Battini SONMEZ, Tuğba DALYAN, Baykal SARIOGLU	1290; An Improved Hybrid Genetic Algorithm for the Quadratic Assignment Problem; Seyda Melis TURKKAHRAMAN, Dindar OZ	1288; Akıllı telefon verilerinden stres sınıflandırması için bir rastgele alt uzay tabanlı yaklaşım; Enar Afif SAĞBAŞ, Serdar KORUKOĞLU, Serkan BALLI	
18:30-18:50		1452; Portfolio Construction with Stock Prices Predicted by LSTM using Enhanced Features; M. Lutfullah OZBILEN, Yusuf YASLAN	1504; Hybrid Gray Wolf Algorithm for No Wait Flow Shop Scheduling Problems; Cengiz KINA, Serkan KAYA, İbrahim Berkan AYDILEK	1438; Improved Resource Scheduling for Lightweight SMT-COP; Ugur NEZİR, Burak LUS, Gurhan KUCUK	1408; Collaborative Path Prediction in Cache Pre-fetching for Distributed State Machines; Onur GOKSEL, Tolga OVATMAN	1426; RNN ile Türkçe Tweetlerden Çok Sınıflı Duygu Analizi; Ayşe Gül EKER, Nevçihan DURU, Kadri EKER	
18:50-19:00	BREAK / ARA						
19:00-20:00	CLOSING SESSION AND BMBB BOARD MEETING / KAPANIŞ TOPLANTISI VE BMBB KURUL TOPLANTISI						
	BMBB ORMANI PROJESİ / BMBB FOREST PROJECT						