

08:30-09:30	Registration - Kayıt											
09:30-10:00	Music concert - Müzik Dinletisi											
10:00-10:45	Opening Speeches - Açılış ve Protokol Konuşmaları											
10:00-11:00	Coffe Break											
11:00-11:45	Keynote Speakers Chair Prof. Dr. Ali Yazıcı		Some Thoughts on AI-for-DB: Prof. Dr. M. Tamer Özsu, University of Waterloo									
Explainable AI (XAI): Prof. Dr. Şadi Evren Şeker, Dean of Istanbul University, Computer and Information Technologies Faculty												
11:45-12:30												
12:30-14:00	Lunch											
	Room 102	Room 104	Room 121	Room 122	Room 123	Room Z16	Room Z17	Room Z18	Room Z19	Room Z20	Room Z22	Room Z23
	Session 01 : NLP Assoc. Prof. Dr. L. Kubedinova	Session 02 : NLP Prof. Dr. G. Eryiğit	Session 03 : ML Prof. Dr. M. Kamaşak	Session 04 : ML Prof. Dr. T. Ovatman	Session 05 : AI Prof. Dr. Ş. Öğüdücü	Session 06 : AI Lenara Kubedinova	Session 07 : SW Assoc. Prof. Dr. F. Buzluca	Session 08 : CoV Prof. Dr. N. Aydın	Session 09 : CRYPT Prof. Dr. Ş. Bahtiyar	Session 10 : BIO Prof. Dr. D.T. Altılar	Session 11 : NET Prof. Dr. A. H. Zaim	Session 12 : TurkLang Prof. Dr. C. Süleymanov
14:00-14:250	2239: An Analysis of Densely Connected Convolutional Networks Integrated with Word2Vec Embedding for Turkish News Classification; Ezgi Zorarpacı	2280: Measuring Semantic Diversity of Homonyms through Vector-Based Metrics; Melisa Biçer ; Umut Orhan	2225: Analysis of Financial Network Dynamics Using Hybrid Graph Convolutional Networks; Evidence from BIST 30; Cemal Öztürk ; Sezai Tokat	2468: MANN-BILSTM: A Memory-Augmented Neural Network for Multi-Class Bearing Fault Detection; Aysu Kırdar ; Fırat Hardalaç ; Kubilay Ayturan	2231: Finansal Sözleşmeler İçin Risk Tahmini: Veri Dengesizliği Giderme ve Farklı Veri Oranlarının Etkisi; Elif Ezel Çalışkan ; Burak Yıldızak ; Doğan Özcan ; Gurbet Alpay Salbacak ; Ulaş Vural ; Tarkan Aydın	2782: Yapay Zekâ Destekli Sınıf Planlama: Talep Tahmini ve Kısıt Tabanlı Çok Amaçlı Optimizasyon Yaklaşımı; Osman Çaylı; Ataç Yılmaz	2241: Yapay Zekâ Destekli ve Etkileşimli Uzun Keşf, Bilgilendirme ve Eğitimi; Zeynep Aydınlı; Mustafa Şenol	2244: Classification of Flying Objects with Computer Vision and Deep Learning Integrated System; Bora Başaran ; Hakan Emekci	2223: High-Speed Prime Number Generation for Cryptographic Applications; Siyabend Turgut ; Muhammed Ali Aydın	2368: Use of Machine-Learning Methods to Develop Stress Detection Model; Mahmut İğde; Edanur Kuruoğlu; Duygun Erol Barkana; İsmail Uzun	2296: ZigBee Based Indoor Localization via RSSI-Based Fingerprinting with Adaptive Path Loss Estimation; Ashkat Bolatbek; Sayat Orynbassar ; Ahmet Saymbetov ; Madiyar Nurgaliyev ; Batyrbek Zholamanov ; Gulbakhar Dosymbetova ; Nurzhigit Kuttybay ; Ainur Kapparova	2250: A Novel Model of Deep Learning-Based Spelling Detection in Turkish; Mehtap Ülker ; Ahmet Bedri Özer
14:20-14:40	2251: Fine-Tuning Transformers for Multi-Label Emotion Classification: Experiments on Kazakh News Texts; Gaziza Yelibaeva ; Kerbez Bolatbekkyzy ; Martin Strecker	2488 : Onaylama ve Reddetme Emojilerinin Sözlük Birimlerle Anlamsal Özdeşleştirilmesi Manzura Abjalova; Yulduz Shodmonaliyeva Fayiza Tursunboyeva ; Gulruh Hasanova	2356: Hepatitis C Virus (HCV) Prediction by Machine Learning Techniques; Alhasan Salih Ibrahim ; Abdul Kadir Gorur	2472: Automated Scoliosis Diagnosis: Integrating Spine Segmentation for Lenke Classification; Ece Temel ; Gamze Korkmaz Erdem ; Sevinç İlhan Omurca	2240: NCCT Görüntüleme Kullanarak İskemik İnme Ölüm Oranının Tahmini için Radyomik Destekli Transformator Modeli; Taner Erol ; Ümit Şentürk; Kemal Polat	2295: Over Kanserli Tanısında Mamba U-Net Tabanlı Derin Öğrenme Modeli; Bahadır Arabacı ; Kemal Polat	2673: Geleneksel ERP Otomasyonunda Engelleri Asmak: Oracle EBS Java Swing Modülleri İçin BDD Tabanlı Bir Otomasyon Çerçevesi; Miraç Emetkar ; Fatih Mehmet Harmancı ; Ali Aktolun ; Vedat Mert Guneri	2389: Comparative Study of Swin and Dilated Neighborhood-Attention Transformers for Deep-Fake Forensics; Masa Soudan ; Abdullaah Damash	2366: Adaptive image steganography using linear hash functions and chessboard-partitioned blocks; Aigerim Yerimbetova ; Elmira Daiyrbayeva ; Ekaterina Merzlyakova ; Madina Sambetbayeva ; Ainur Bayekeyeva; Ulmeken Berzhanova	2490: Predicting Drug-Drug Interaction Side Effects Using Machine Learning: A Comparative Study of Homogeneous and Graph-Based Approaches; Cemrecan Koç ; Ece Akgül ; Kazım Yıldız	2406: AI-Driven Smart Communication; Aksu Tekdemir; Emin Kugu	2286: General Structure of Uzbek Treebank; Mukhabbat Kurbanova; Dilrabo Bakhronova
14:40-15:00	2255: Semantic Relationships Between Synset Adjectives for English-Uzbek Bilingual Thesaurus; Nilufar Abdurakhmonova; Eşref Adalı; Nargiza Shamieva	2441: UzTreebank: Methodological and Practical Issues in Building a Syntactic Treebank for the Uzbek Language; Eşref Adalı; Abdullayeva Oqila Xolmo'minovna	2357: Deep Learning Model for Fingerprint Biometric Identification System; Anas Abdulkarim ; Eren Ulu ; Hayri Sever	2492: An Ensemble Learning Approach for Cyber Attack Detection on NSL-KDD and UNSW-NB15 Datasets; Hatice Candan ; Mustafa Yasin Erten ; Hüseyin Aydielk	2335: Hisse Senedi Fiyat Tahmininde Derin Öğrenme Modellerinin Karşılaştırılması; Ercan Buluş	2713: Büyük Dil Modellerinin Türkçe Patent Yazımında Kullanımı; Gülsinem Kazancı ; Nazlı Çiçek ; Eren Uzunhasanoğlu ; Barış Ethem Süzek ; Özcan Somuncu	2718: Savunma Sanayinde Yapılandırma Tetkiki ve Kalite Güvencenin Bütünleştirilmesi; Gürkan Gök ; Demet Erol ; Özgür Özkan ; Emel Aktaş Şahin ; Tugkan Tuğlular	2478: Density-Based Counting in Cluttered Scenes via Synthetic Data and Deep Vision Models; Baris Sevimis; Bircan Onle; Okan Ozkan	2377: Privacy-Aware PCA with Noise Perturbation for IoT Data; Rana Shafi ; Simran Shilpakar ; E. Fatih Yetkin ; Tuğçe Ballı	2724: SPEKTRA: Design of Stethoscope Based Portable Electronic Heart Diagnosis and Rhythm Analysis System; Asya Yıldız; Duru Karacepis; Emre Değirmenci; Atajan Rovshenov	2534: Inferring Location Information From Cell Data: The Viterbi Algorithm As A Case Study; Okan Yaman;Kasper Rasmussen; Tolga Ayay;Yusuf Murat Erten	2299: Improved Kazakh Named Entity Transcription Using Synthetic Speech; Rakhat Meiramov ; Huseyin Atakan Varol
15:00-15:20	2256: Leveraging mBERT with Rule-Driven Pre-Processing for Domain-Specific Karakalpak Text Classification; Nilufar Abdurakhmonova; Rano Sayfullaeva ; Raima Shirinova	2305: Phonological classification and acoustic analysis of vowel phonemes in the Uzbek language; Bakhtiyor Mengliyev; Shahlo Khamroeva; Gulshakhnoz Makhmudjonova; Saidislombek Abdusamatov	2768: Neural Disturbance Observer Based Sliding Mode Control of a Quadrotor UAV; Erdem Dilmen ; Selami Beyhan	2527: Cold-Start Sales Forecasting in Fashion via Feature-Based Ensembles; Enes Tezcan ; Abdül Halim Zaim	2535: Uyarlanabilir Stok Sistemlerine Doğru - Mevsimsel Talep ve Sipariş Optimizasyonu için Hibrit Bir Makine Öğrenmesi Yaklaşımı; Osman Çaylı	2283: Multilevel annotation model for detecting fake news in kazakh-language media; Anargul Nekessova; Aksaule Nazymkhan; Madina Sambetbayeva; Zhaxybayev Darkhan	2319: On the Impact of Common External Package Dependencies on Software Modularization; Mehmet Ali Akar ; Kübra Akgözlüoğlu; Vahit Bayrı ; Hasan Sözer	2551: Real-Time Visual Perception and Sensor Fusion Based Autonomous Parking Path Planning Using ROS 2; Medine Erçin ; Ece Büyükbaş ; Ali Atlı ;Zeynep Altan	2465: SME-SHIELD: A Scalable AI Architecture for Third-Party Cyber Risk Assessment in Small and Medium Enterprises (SMEs); Harika Aslı ; Şerif Bahtiyar	2743: Early Diagnosis of Alzheimer's Disease via Representation Learning; Bahram Abdullayev ; Mahammad Valiyev ; Hazal Mogultay Özcan ; Fotoş Tunay Yarmar Vural	2565: Performance of AI Algorithms for Reliable Communication Against Jammer Threats in Dynamic Spectrum Access; Ömer Faruk Dikmen ; Arif Burak Dikmen ; Hasan Çelebi	2329: Morphotactic Models and Algorithms of the Uzbek Language; Khamroeva Shahlo Mirdjonovna ; Elov Botir Boltayevich ; Alayev Ruhillo Habibovich; Saydullayeva Dilbar Farhod qizi
15:20-15:40	2260: Named Entity Recognition Based Approach for Automatic Turkish Financial Document Verification; Ahmet Toprak ; Metin Turan	2311: Paraphrasing of Mythological Discourse in Uzbek: Toward Style-Aware and Symbol-Sensitive NLP Models; Zarnigor Khayratova ; Nargiza Rakhimova; Bibigul Eshuthtarova; Khodjaeva Fotima	2422: Software Metrics vs. Code Text: Feature Representations for ML- and DL-Based Vulnerability Detection; Ibrahim Tarakci ; Selma Nazioğlu	2549: Evaluating Vision Language Models for Temporally Consistent Object Counting in Smart-Factory Videos; Bahadır Gölçük ; Kürsat İnce	2703; Scrum-AI LLM Tabanlı Yazılım Sürec Yönetimi; Erce Erten ; Selahattin Tunç Yardımcı ; Kübra Yorgancı ; Murat Yılmaz ; Kürsat İnce	2303: Hybridizing Large Language Models and Dual-Layer Retrieval for Context-Aware Movie Rating Prediction: A Case Study with Gemma 2 (9B) and MovieLens; Yusuf Çelik ; Alper Blige	2332: Hybrid AI-Driven Decision Model for Test Automation in Agile Software Development; Mohammad Bon ; Ali Yazici	2502: Facial Recognition and Liveness Detection on Banking Customers to Mitigate Spoofing; Ege Dinçer ; Emre Yurdakul ; Sacide Kalaycı; Salih İmcece	2479: Effects of Post Quantum Cryptography on Financial Blockchains; Ahmet Efe Başol ; Şerif Bahtiyar ; Mehmet Tahir Sandıkçaya	2569: A Hybrid CNN–Transformer Domain-Adversarial Neural Network for Robust Pneumonia Classification in Heterogeneous Chest X-Ray Datasets; Fatma Betül Akyol ; Gökhan Bılgin	2609: Virtual PLCs in HCI Systems: Enhancing Factory Automation Through Advanced Virtualization Technique; İhsan Altun; Kerem Küçük; Halil Aydoğuş	2326: Özbek Ağızları Derlemi Geliştirme Çalışması (Nurota İlçesi Kıpçak Ağzı Örneğiyle); Khamroeva Shahlo Mirdjonovna; Mukhtilayeva Ruxsora Toshmuhammid qizi; Yuldasheva Dilorom Nigmatovna
15:40-16:00	2269: Performance Effects of Spelling Errors on Extractive Summarization in Turkish Texts; Ertürk Erdağ	2497: Kazakh Text Classification using Deep Learning Approaches; Nurzhan Mukazhanov ; Tatiana Batūra ; Aigerim Yerimbetova ; Mussa Turdalyuly ; Bakzhan Sakenov ; Ainur Bayekeyeva	2634: Predictive Machine Learning Framework for Address Error Detection in Logistics System; Egeмен Eroğlu ; Veyssel Azat Büyüktaş ; Berna Şimşek ;Tuncay Özcan	2677: Improving Interpretability and Explainability in Financial Models through Ensemble Tree Simplification; Tolga Büyüktanır ; Kazım Yıldız	2308: Increasing Efficiency of Computer Modeling of Semantics by Using Cognitive Potential of Affixal Morphemes in Agglutinative Languages; Dzhavdet Süleymanov ; Alexander Fridman	2307: Quality-Driven Efficiency in Vision-Language Model Customization; Ali Vala Barbaros ; Nafiz Arıca	2396: Measuring AI Impact on Software Engineering Productivity and Quality; Selami Bağrıyanık ; Ersin Ersoy	2503: Handwritten Phrase Recognition and Verification in Banking Documents; Ege Dinçer ; Sacide Kalaycı ; Emre Yurdakul; Salih İmcece	2485: A Cost-Effective Statistical Learning Approach for Detection of DoS and Fuzzy Attacks in CAN; Mustafa Topsakal ; Selcuk Cevher ; Andreas J. Kassarler ; Doganalp Ergenc	2610: Self-Supervised Learning of 3D Structure from 2D OCT Slices for Retinal Disease Diagnosis on UK Biobank Scans; Muhammet Serdar Nazlı ; Yasemin Turkan ; Falk Boray Tek		2555: Özbek-Türk Dili Paralel Derlemi Yapisi, İleriği ve Arama Sistemi; Xamroeva Shahlo Mirdjonovna; Xolmonova Iqbol Alisher qizi
16:00-16:20	Coffe Break											
16:20-18:30	Artificial Intelligence Trainings: Dr. Merve Ayyüce Kızrak, Prof. Dr. Fatih Amasyalı, Kaan Yüce, Toprak Kesgin											

IEEE-UBMK-2025 International Conference on Computer Sciences and Engineering (Second day 18 September 2025)

	Room 102	Room 104	Room 121	Room 122	Room 123	Room Z16	Room Z17	Room Z18	Room Z19	Room Z20	Room Z22	Room Z23
	Session 13 : NLP Prof. Dr. M. Abjalova	Session 14 : NLP Prof. Dr. B. U. Töreyn	Session 15 : ML Assoc. Prof. Dr. B. Tek	Session 16 : AI Prof. Dr. L. Suleimenova	Session 17 : AI Prof. Dr. Z. Umarova	Session 18: SW Prof. Dr. H. Öğuztüzün	Session 19 : BIO Assoc. Prof. Dr. M. Baysan	Session 20 : CoV Prof. Dr. A. Mukhanova	Session 21 : CSec+CRYP Prof. Dr. E. Daiyrbayeva	Session 22 : HUM Assoc. Prof. Dr. G. İnce	Session 23 : IoT+EMB Prof. Dr. B. Üstündağ	Session 24 : TurkLang Prof. Dr. N. Abdurakhmonova
09:00-09:20	2312: Modeling Uzbek Paraphrase Structures through Travel Discourse Analysis; Zarrigor M. Khayatova ; Sitora Ismailova ; Yulduz Azimova	2463: KazCausal: Manual annotation of causal constructions in the Kazakh language; Roman Taberkhan; Madina Sambetbayeva	2567: Application of Machine Learning Algorithms for Assessing and Predicting Tenant Reliability in Rental Property Systems: Case Legislation of the Republic of Kazakhstan;Diana Rakhimova; Assem Shakhmetova;Algul Mukhitova; Dinaz Akhmetova;Maksim Ocheretin;Kim Sergey; Janibek Abuev	2314: YOLOv11-Fiducial: Real Time Detection of Fiducial Marker Points on Printed Circuit Boards for Electronic Manufacturing Services; Mahmut Sami Yasaak ; Gizem Keskin ; Eren Yiğit Gülem	2370: Digitalizing Dual Education Through Augmented Reality; Akerke Karabay; Dilaram Baumuratova; Halil Ibrahim Bulbul	2647: Flexible and Reproducible RF Calibration using Google Cloud Workflows; Yunus Emre Keles ; Anil Cetinkaya ; M. Cagri Kaya ; Halit Öğuztüzün	2614: An Explainable and Class-Balanced Deep Learning Framework for Multi-Class Alzheimer's Disease Detection using MRI Scans; Zeynep Bölükbaşı ; Hilal Yurtöğlu ; Rugen Deniz Kaplan ; Doğukan Yetgin; Emin Kuğu	2553: A Lightweight Approach to Semantic Segmentation of 3D Point Clouds Using 2D Projected Images; Taha Yunus Hamamcioglu; Mehmet Ozan Serifoglu; Muazzez Buket Darici	2325: Privacy-Preserving Cyber Threat Intelligence: A Framework Combining Private Information Retrieval, Federated Learning, and Differential Privacy; Emre Camalan ; Baris Celiktas	2242: Web Erişilebilirliği Değerlendirmesine Pa11y Tabanlı Bir Yaklaşım; Burcu Kalkan ; Reis Burak Arslan	2257: Kent içi Otopark Sorunlarına Akıllı Çözüm: Sürdürülebilir ve Dönel Otopark Sistemi Yaklaşımı; Faruk Adem ; Mustafa Şenol ; Alpaz Toprak ; Abdulsamet Haşloğlu	2284: Yazar Özgünlüğünü, Derlem ile İnceleme Bir Yaklaşım; Akramova Shohista Islom qizi; Khamroeva Shahlo Mirdjonovna
09:20-09:40	2324: A Morphological Tagging Model of the Uzbek Language in the Universal Dependencies Format;Elov Botir Boltayevich; Khamroeva Shahlo Mirdjonovna ;Kurbanova Mukhabbat; Xusainova Zilola Yuldasheva; Alavutdinova Nadira Ganiyevna	2421: Modification of Nonverbal Express in Virtual Communication Environment; Manzura Abjalova ; Gulrukh Khasanova ; Dinora Mardonova ; Yulduz Shodmonaliyeva	2572: Graph-Enhanced Machine Learning for SME Cheque Factoring: Dual Risk-Volume Optimization; Yiğit Ates ; Ibrahim Umur Bozlar ; Alperen Sayar ; Seyit Ertuğrul	2336: Comparative Analysis of Wafer Defect Segmentation Based on Image Processing with U-Net++; Zeynep Ozelcik; Dilek Alimli	2390: Conceptual model of clinical and genetic relationships for diagnostics based on exome sequencing; Anar Sultangaziyeva ; Madina Sambetbayeva; Algerim Yerimbetova; Elmira Daiyrbayeva; Duman Telman; Almas Turganbayev	2667: Code Generation in LLM Families: A Quality Comparison of Reasoner and Regular Models; Ahmet Efe Pakiç ; Ayça Kulküsa Tarhan	2648: Explainable Lung Disease Classification From X-ray Images Using Embedded Discrete Cosine Transform Filtering And Residual Attention Mechanism;Sinan Çolak ; Figen Özen	2585: Enhancing Fire and Smoke Detection with YOLOv8: A Comparative Study of Self-Supervised Learning and Attention Mechanisms; Umur Kaya ; Buğra Alperen Ulurmak ; Rifat Kurban	2461: Enhanced Fraud Detection for Recommendation Systems; Mehmet Ali Han Tutuk ; Şerif Bahtiyar	2272: Measurement of Virtual Reality Experiences through Electroencephalography; Ömer Emin Çınar	2344: Smart Surveillance for Pedestrian Protection: An ESP32-Based Pedestrian Detection System with AI-Driven Voice Interaction and Real-Time Vehicle Communication; Mehmet Hakan Terzi ; Duygu Ayvaz; Yıldıran Yılmaz	2448: A Survey of Turkic Language Modeling Challenges, Resources and Future Directions; Recep Firat Cekineli ; Çağrı Çöltekin
09:40-10:00	2330: Semantic Tagging of Uzbek and Kirgiz Languages sentences in UMR Format; Eşref Adalı ; Khamroeva Shahlo Mirdjonovna ; Abuzalova Mehriinos Kadirovna; Bermet Chontavea	2427: Linguopragmatic Analysis of Political Discourse Based on Speech Act Theory; Bashorot Madievna Bakhriddinova; Shakhnoza Ismatova	2573: FADE: Fraud-Aware Dynamic Ensemble for SME Microloan Risk Assessment; Yiğit Ates ; Ibrahim Umur Bozlar ; Alperen Sayar; Seyit Ertuğrul	2359: AI-Enabled Intelligent Traffic Management in 6G; İsmail Duru ; Sedat Çimen; Ibrahim Yazıcı; Sümeye Nur Karahan	2404: Exploring Artificial Intelligence Opportunities as a Means for Efficacious Project Management Purposes; Mustafa Degerli	2680: AI-Driven Synthetic Test Data and Scenario Generation via GAN-LLM Integration: A Modular Approach for Web Application Testing; Mırac İmektar ; Fatih M. Harmancı; Aysun Güran ; Berat Karadavut ; Günay Kırmızı ; Berkay Öztürk ; Ata Emir Karamuk ; Mert Güven	2466: Kanal Dikkat ve Mekansal Dikkat Mekanizmaları Kullanılarak Optimize Edilmiş MobileNetv2 Transfer Öğrenme Mimarisi ile Kalp Ritimlerinin Tespiti ve Sınıflandırılması; Fatma Akalin	2627: YOLO-Based Counting of Small and Overlapping Bacterial Colonies: Performance Analysis and Real Time Mobile Deployment; Muhsin Dolu ; Münüre Ezgi Altıntaş ; Eivan Duman ; Gülden Başyigit Kılıç	2525: Blockchain-Based E-Voting with Dual-Authority Certification and Homomorphic Encryption; Lianna Ma ; Fath Gulhan ; Rukiye Savran Kiziltepe ; Murat Karakus	2514: Gaze and Eyebrow-Mediated Control of a Mini-Robot Prototype for Assistive Applications; Ömer Faruk Bakış ; Alpaz Doruk ; Halil Nusret Buluş	2399: A Secure End2End Automotive Driving Assistant with Secure Remote SW Update System; Süde Güngör ; Mehmet Hilal Özcanhan	2621: Phonological and acoustic analysis of consonant phonemes in the Uzbek language; Shahlo Khamroeva; Gulshakhnoz Makhmudjonova; Nigmatova Lolakhon Khamidovna; Khusanboeva Mukhlisa
10:00-10:20	2384: Process of Automatic NER Identification in the Uzbek Language Corpus; Elov Botir Boltayevich ; Samatboyeva Madina Tulkijnon kizi ; Kilichev Bayramali Ergashovich	2382: Kutadgu Bilig'in Pankronik Bir Derleminin Oluşturulması ve Anlamsal Etiketlemesi;Khamroeva Shahlo Mirdjonovna;Toştemirowa Sitora Bahodir kizi; Yunusova Baxora Axtamjonovna	2582: AI-Powered Agricultural Small and Medium Sized Enterprises Finance Risk Management and Scoring System;İbrahim Umur Bozlar ; Yiğit Ates ; Alperen Sayar ; Seyit Ertuğrul	2360: EntreLocate:An AI Assittant for Business Location and Risk Assessment; Merve Bozdağ; Selin Göğ; Elif Süde Memiş; Miray Aday ; Kasım Murat Karakaya	2419: AI Based Analysis of Online Educational Contents for ADHD Students; Bora Başaran; Deniz Polat; Gökçe Nur Yılmaz	2684: Quality Attribute Tagging and Classification Using LLMs: Results from Microsoft Office Applications; Sevginur Ince;Ayça Kulküsa-Tarhan	2507: Yapay Zeka Destekli Tıbbi Görüntü Analizi ve Sağlık Sistemi Entegrasyonu; Furkan Akçarşeme ; Halenur Özcan ; Şerife Zülal Horata ; Yiğit Edar ; Necip Gözüağık	2633: A Multimodal AI and ML Framework for Fashion Image Segmentation, Recommendation and Similarity Recognition; Mustafa Eren Soylhan ; Tank Buğra Ay ; Emir Çetin Memiş ; Mehmet Fatih Çapaı; Tuna Çakar; Savaş Günay ; Yassine Drias; Şirin Özlem; Hasan Coşkun	2530: PromptShield: Policy-Aware DLP Framework for Generative AI Prompts; Ezgi Keles; Şerif Bahtiyar	2623: Augmented Reality Application for Relieving the Pain of Child Dental Patients; Kerem Gavcar ; Bora Şencyalan ; Erenay Alpayaçetin ; Meral Korkmaz Kuyucu ; Yelda Kasımoğlu Eldem ; Yeliz Güven ; Elif Bahar Tuna İnce ; Gökhan İnce	2443: A Multi-purpose Safety IoT Platform Focused on Earthquake Scenarios; Engin Yakar ; H. Hakan Kilinc ; Adem Durmus Nilufar Bahodirovna ;	2600: Zahiriddin Muhammed Babür'un Eserlerinin Corpus Oluşturma Çalışmaları; Khamroeva Shahlo Mirdjonovna; Muradova Nilufar Bahodirovna ;
10:20-10:40	2412: Fine-Tuning Neural ASR Models for Low-Resource Kazakh Children's Speech with Preprocessing Enhancements; Zhansaya Duisenbekzyy; Diana Rakhimova; Akgul Yessirkepova; Eşref Adalı	2438: Methods Of Morphological And Syntactic Analysis For The Uzbek Language; Elov Botir Boltayevich ; Abdullaeva Ogila Xolmo'minovna; Abdullaeva Firuza Sharipovna; Alavutdinova Nadira Ganiyevna	2590: Comparative Analysis of Relational Classification Algorithms on Benchmark Datasets; Batuhan Emre Tosun ; Erdem Yorulmaz ; Furkan Enes Ergül ; Büşra Büyüktanır ; Gözde Karataş Baydoğan ; Kazım Yıldız	2364: Design of an Adaptive Educational Platform for Special Needs Students Using Artificial Intelligence; Dilaram Baumuratova; Tamara Zhukabayeva; Shoigan Baumuratova; Gulmira Nurbekova	2423: Leveraging Bloom's Cognitive Framework and Machine Learning Methods for Academic Performance Prediction; Lara Suleimenova ; Zhanat Umarova ; Kamalbek Berkimbayev ; Elvira Adyibekova ; Gulzhan Zhetpisbayeva ;Kamshat Zhamalova	2751: The Influence of ChatGPT's Questions and Answers on Student Learning in Software Design Patterns; Çağdaş Evren Gerede	2517: Kronik Hastalıklar ve Yaşlı Bakımı için Yapay Zeka Destekli Dijital Asistan; Hatice Merve Bayram ; Zehra Gürcan ; Esmenur Ayriç ; Necip Gözüağık	2635: Region-Aware Dual-Task Pose Transformer Network for Sign Language Image Generation; Doğukan Ayhan ; Hacer Yalım Keleş	2821: Corrector Student: An Online Distillation-Based Framework for Distilling the Undistillable Teachers; Reyhan Kevser Keser ; Behcet Ugur Toreyin	2659: The Optimal Action Set: Evidence-Based Design Principles for Job Search Platforms; Kübra Karacan Uyar ; Yücel Batu Salman	2734: Tiremo: An End-to-End AIoT System Design to Enable Intelligence Over Connectivity; Alper Çoban ; Mehmet Ali Saraç ; Egemen Erkan Öğütcü ; Deniz Çelik ; İlayda İsmailoğlu ; Mert Yılmaz ; Osman Can Gökül ; Mert Horsanalı	2831: Uzbek Terminology and Linguistic Engineering Integration: Principles of Semantic Tagging of Terms in Uzbek Scientific Discourse for Language Corpora; Gulandom Mirkhanova ; Nilufar Yuldosheva
10:40-11:00	2413: Multilingual Large Language Models in the Legal Domain: An Effective Analysis in Kazakh, Turkish, and English; Assiya Sarsenbayeva ; Diana Rakhimova ; Assem Turarbek ; Eşref Adalı	2499: An LSTM-Based Model and Algorithm for Uzbek Language Text Generation; Sharipov Maksud ; Qurbanova Rozikajon; Ruzikajon Kurbonova	2629: Developing Autonomous Steering Algorithm to Improve Cornering Slip Performance of a Four- Wheel Car Using Neural Network Tools; Diran Robin Alataevan ; Burak Jiray Emeryan ; Ruzikajon Kurbonova	2429: FinSento: A Modular LLM-Powered Financial Assistant for Investment Guidance, Risk Analysis, and Education; Yavuz Selim Sever ; Başak Nehir Artan ; Berna Danişman ; Nuran Er , Murat Karakaya	2426: LLMs Based Documents Classification and Information Extraction; Oğuzhan Bayram; Zehra Feyzoğlu; Ömer Demir; Serkan Ayverdi	2773: Enhanced Multimodal Diagram Search for Professional Facilitator Networks A Web-Based Educational Platform; Talgar Bayan;Zhanat Nurbekova; Makhmud Mustafabek Galy; Kanagat Baigusheva	2690: Akçığır BT Görüntülerinin Sınıflandırılmasında Evrişimsel Sinir Ağı, Görü Dönüştürücü ve Hibrit Derin Öğrenme Mimarilerinin Karşılaştırmalı Analizi; Süde Nur Gülcan ; Elif Tilki ; Karun Acar ; Abdulsamet Aktas ; Ayşe Berna Altinel ; Merve Pınar	2784: Hybrid CNN-LSTM framework for spatiotemporal detection of autism based on facial and motor behavior analysis; Aizat Amirbay, Ayagoz Mukhanova; Gulzira Abdikirimova				
11:00-11:20	Coffe Break											
11:20-11:40	ArGe Presentation Chair: Prof. Dr. Şule Öğüdücü		Yapı Kredi Teknoloji									
Neova Sigorta												
Softtech												
12:00-12:20	Lunch											
12:20-14:00	Invited Speaker											
14:00-14:30	Prof. Dr. Zehra Çataltepe : AI and Machine Learning in Theory and Practice											
	Room 102	Room 104	Room 121	Room 122	Room 123	Room Z16	Room Z17	Room Z18	Room Z19	Room Z20	Room Z22	Room Z23
	Session 25 : NLP Prof. Dr. Dr. D. Rakhimova	Session 26 : NLP Assoc. Prof. Dr. K. S. Mirdjonovna	Session 27 : ML Assoc. Prof. Dr. A. Çakmak	Session 28 : AI Prof. Dr. E. Adylbekova	Session 29 : AI Prof. Dr. A. Sagimbayeva	Session 30:SW+Bio+DM+BI Prof. Dr. A. Zhaxylykov	Session 34: IT+IR Assoc. Prof. Dr. A. Tosun Kühn	Session 32 : CoV Prof. Dr. K. Ekenel	Session 33: DSCI Dr. A. Yilmazer	Session 34: Q&A Prof. Dr. M. Keskinöz	Session 35 : TurkLang Assoc. Prof. Dr. A. Gatiatullin	Session 36 : TurkLang Prof. Dr. M. Kurbanova
14:30-14:50	2445: The Uzbek Coreference Corpus: Description and Analysis; Elov Botir Boltayevich ;Abdilosanova Shahlo Abdimurod qizi ; Toirova Guli Ibragimovna	2498: Comparative Analysis of BERTurk and GPTurk Models for Turkish Text Classification by LoRA Fine-Tuning; Tufan Yiğit Çiftçioğlu ; Metin Bilgin	2698: DDevelopment an Emotion Recognition System to Monitor Children's Emotions in Preschool Institutions; Dospol Nazgul; Zhetkenbay Lena;Yergesh Banu	2437: AI-Based Domestic Relocation Assistant for Turkey; Harun Hüdaî Tan ; Baran Erol ; Hüseyin Yiğit Erten ; Ahmet Arda Bağdatlı ; Kasım Murat Karakaya	2540: Grounded Answer Generation over Multimodal Financial Records via Semantic Indexing; Rabia Eda Yılmaz ; Mehmet Anıl Taycı ; Ayşe İrem Özmen ; Gökhan İnce	2774: Understanding LLM Behavior in Test Case Prioritization: A Comparative Study; Berre Erdoğan ; H. Hakan Kilinc ; Eren Tarak ; Barış Aşkın	2328: İkiz (Dijital ve Yeşil) Dönüşüm Aracı Olarak Kayıtlı Elektronik Posta (KEP); Zeynep Oran ; Elifcan Yaşa	2789: Comparative Analysis of MLP and Vision Transformers for Sign Memorability Classification; Elif Nur Tekay ; İrem Azra İsleyen ; Baris Gungor ; Murat Karakus ; Rukiye Savran Kiziltepe	2278: Kredi Gecikme Aşamaları Tahminlenmesi; Şahin Nicat ; Buse Sena Vardar	2378: Heterogeneous CPU-GPU-Quantum Accelerator; Seham Al Abdul Wahid ; Arghavan Asad ; Rupinder Kaur ; Jason Nguyen ; Dhruv Kalra ; Farah Mohammadi	2631 : Çevrimiçi dikte kontrolüne yönelik algoritmaların ve yazılım altyapısının geliştirilmesi; Xusainova Zilola Yuldasheva; Saatova Surayyo Ismailova; Abdumalikova Gulshoda Shuhrat qizi	2820 : Geolinguistic system for dialect similarity analysis based on associative rules and fuzzy logic; Rustam Burnashev ; Ayrat Gatiatullin ; Mansur Khamidullin
14:50-15:10	2451: Retrieval-Augmented Generation over Low-Structure Media: News from TV and Digitized Newspapers; Bilal Emir Uçar ; Başak Buluz Kömeçoğlu ; Ramazan Güven ; Ali Kemal Coşkun ; Yavuz Kömeçoğlu	2513: A Large-Scale Dataset and Citation Intent Classification in Turkish with LLMs; Kemal Sami Karaca ; Bahaeddin Eravcı	2728: Fire Early Detection System Based on Artificial Intelligence–Driven Climate Analysis; Peri Güneş ; Mehmet Emin Türksoy ; Emirhan Erden; Burak Boz	2444: Comparative Analysis of GenAI Models in Problem Solving on the LeetCode Platform; Asset Zhaxylykov ; Zhanat Nurbekova ; Ainur Sagimbayeva ; Shirinkyz Shekerbekova	2564: AI-Assisted Software Testing Improvements; Haldun Halil Olcay ; Dilara Albayrak	2402 : AutoStructor: A Generative AI Based Framework for Automated Program Repair with Deep Learning Guided Fault Localization; Hasen Özyatürk ; Feza Buzluca	2369: Mnemonik Teknikler için Artırılmış Gerçeklik Yazılımı Geliştirilmesinde Sistem Mimarisi ve Konum Doğruluğu: İzmir Kültürpark Örneği; Mehmet Işkhan ; Murat Komelci ; Ahenk Yılmaz	2362 : Open-Vocabulary Product Discovery via Fusion Based Visual Retrieval in E-Commerce; Enis Teper ; Mustafa Keskin ; Emre Rençberoğlu ; Yusuf Yavuz ; Yusuf Hüseyin Şahin	2543: Temizlik Kağıdı Üretiminde Çoklu Doğrusal Regresyon ve Doğrusal Programlama ile Karar Destek Modeli; İrem Çelebi ; Özgür Kabak ; Onur Can	2453: COMA++: Quantum-Enhanced Reinforcement Learning for Marine Debris Collection Optimization ; Can Savaş ; Tansel Akgül ; Berkant Bıçaçı	2797 - The Annotation of Turkic Copula Verbs in UD; Aida Kasieva ; Nikolett Mus ; Anofat Akhundjanova ; Furkan Akkurt ; Bermet Chontavea; Gulnura Dzhumaleva; Soudabeh Eslami ; Murat Jumashov ; Jonathan Washington	2353: Towards a Corpus of Scientific Metaphors in Uzbek; Shahlo Khamroeva Mirdjonovna; Suleymanova Mahfuza Shavkatovna; Sharipov Sokhbi Salmovich
15:10-15:30	2435: 80/20 Principle in Phonetics, Lexis and Word Formation;Khamroeva Shahlo Mirdjonovna ; Gulyamova Shakhnoza Kaxramonovna ; Eshmuninov Akhmaradovich ; Akhmedova Dildora Dilshodovna ; Rakhimova Sulkurban Djumaniyozovna ; Khlova Muysassar	2529: Automatic Identification Of Phrase Structures in Uzbek Texts; Elov Botir Boltayevich ; Abdullaeva Ogila Xolmo'minovna ; Abdullaeva Nazokat Isayeva; Saodat Isralova; Nizomova Fotima Bo'riko'va qizi	2495: Combined Method of Citation Sentiment Analysis: Linguistic Features and Machine Learning; Ainur Akhmediyarova ; Dina Oraibekova ; Zhibek Alibiyeva ; Nurzhan Mukazhanov ; Dinara Kassymova ; Alimkulova Janna	2449: Adaptation and Use of Interpretive AI in Data-Driven Industry 4.0: A Case Study on Industrial Machines; Emir Esad Şahin ; Beril Kurt; Rahim Dehkharghani; Merve Oper; Saygin Kaçar	2589: Contract Price Optimization in Tourism with Explainable AI; N. Merve Tatidili ; Ramazan Yavuz ; Meltem Turhan Yöndem	2794: Beyin Cerrahisinde Hiperspektrel Görüntülemeye Genel Bir Bakış; Veri Kümeleri ve Hesaplama Yaklaşımları; Mehmet Emin Çınar; Ayşe Gül Eker; Meltem Kurt Pehlivanoglu; İsmet Karaduman ; Ercan Olcer ; Nevçihan Duru ; Tolga Turan Dündar ; Ahmet Sertdar Mutluer; İhsan Doğan ; Ömer Burak Eriçek	2264: An Ontological Model for Classification and Detection of Information Attacks in Social Media; Bayangali Abdygalyim ; Eşref Adalı ; Madina Sambetbayeva ; Algerim Yerimbetova ; Dana Kemelova ; Galymzhan Yespaev	2415 : Development of Visual Data Processing Algorithm for the Sign Language Recognition System Based on CBFT-BiLSTM; Lazzat Zholsheyeva ; Tamara Zhukabayeva; Meruert Berdiyeva	2361: Short-Term Forecasting of Türkiye's Monthly Electric Vehicle Sales Using M-DAN and LSTM Models; Emre Aksoy ; Nisa Özge Önal Tuğrul ; Kamil Karaçuha	2512: Design and Implementation of Quantum Kernel Convolution for Hybrid Neural Networks; Erdem Şeker ; Yusuf Kağan Bayraktaroğlu ; Deniz Eren Çam Ece Gelal Soyak ; Serat Kalem	2351: Human-Annotated NER Dataset for the Kyrgyz Language; Timur Turatalı ; Anton Alekseev ; Gulira Jumalieva ; Gulnara Kabakova ; Sergey Nikolenko	2823 : Ontological basis of universal linguistic knowledge graph "TurkLang"; Ayrat Gatiatullin ; Nikolai Prokopyev ; Lenara Kubedynova ; Rozaliya Sadgeeva
15:30-15:50	2473: Structure of The Uzbek-Turkish Parallel Corpus: Linguistic and Extralinguistic Annotation; Khamroeva Shahlo Mirdjonovna; Kholmonova Iqbola Alisher qizi	2532: Detection of Disinformation on Social Platforms: A Review of Computational Approaches and Challenges; Duman Telman ; Algerim Yerimbetova ; Elmira Daiyrbayeva ; Madina Sambetbayeva ; Bayangali Abdygalyim ; Almas Turganbayev	2740: Demographic-Aware Product Recommendation through Heterogeneous Graph Neural Networks; Tooman Berkay Ayaz ; Rabia Çevik ; Ahmet Erkan Çelik ; Akhan Akbulut	2467: TinyRXNet: A Local RX-Based Architecture for Accurate Segmentation of Small-Scale Objects; Nazrin Abdilni ; Yusuf H. Şahin	2592: StarMask: An Expert-based Multi-domain Model for CTR Prediction; Çağrı Yeşil ; Kaya Turgut	2245: Graphlet Types and Application Domains: A Review; Büşra Çalmaz	2234: The Foundations and Infrastructure Required for Digital Transformation in the Jordanian Public Sector; Mohammad A. Alia	2496 : DINOv2 as a Foundation Model for Semi-Supervised Urban Landscape Segmentation ; Muazzez Buket Dancı	2559: Analysis of Factors Affecting Electricity Prices and Electricity Price Forecast for Türkiye; Burak Kurubacakoglu ; İsmail Duru	2765: RAG Based Interactive Chatbot for Video Streaming Services; Hamza Gözükarar Jay Patel ; Erkan Kara ; Ayşenur Yıldız ; Ozan Köseoğlu ; Didem Makaraoğlu; Abdurrahmanovna ; Shamsiyeva Gulshoda Utkirovna	2354: The Poetic Corpus of Abdulla Ripov, Muhammad Yusuf, and Shavkat Rahmonov Frequency Dictionary Analysis; Shahlo Khamroeva Mirdjonovna; Makhmadiyeva Diyora Rakhmatovna; Erbutayeva Sholot	2775: Context-Based Multilingual Translation Technology: on the Example of the Paratranslator platform; Nilufar Abdurakhmonova ;
15:50-16:10	2480: Efficient Long-Context Fine-Tuning of LLaMA 2 7B with QLoRA, Dynamic RoPE, and FlashAttention; Burak Aktas; Hacer Yalim Keles	2602: Geri Alma-Artırılmış Üretim (RAG) Sistemlerinde Vektör Veritabanı ve LLM Modellerinin Değerlendirilmesi; Hilal Tekgöz ; Halit Erdoğan ; Harun Uz ; Hatice Altınok	2741: A Comprehensive Evaluation of Augmentation Techniques in Medical Data; Abdullah Huzufeye Göz ; Rahime Yılmaz Hancer ; Refik Samet	2657: A Context-Encoded Approach to Nuclei Segmentation with Multi-Lens Augmentation; Nooshin nemati ; Emrah Hancer ; Refik Samet	2601: Multi-Output vs Single-Output Deep Learning for Plant Disease Detection; Hasan Bedri Taha Kara; Alperen Sayar; Peri Güneş ; Mert Güvencil ; Seyit Ertuğrul ; Tuna Çakar	2489: Intelligent System for Analyzing The Career Achievements of IT Specialists: Development and Implementation of an AI-Based Software Solution; Nurbekova Zhanat; Naimanova Dinara; Tkach Galina; Dautova Algul; Zhaxylykov Asset; Rakhimbayev Azamat	2454: Methods and Algorithm for AI-based Monitoring of the Automated Power Supply System Status in Mobile Control and Communication Complexes Under Crisis Conditions; Dauletmarat Jaksimov; Adilbek Dauletov	2577: YOLO11 Tabanlı Yüz Tespiti İçin ShuffNetV2 ve CSPResNeXt-50 Omurga Mimarilerinin Karşılaştırılması; Değerlendirmesi; Aylin Şevik Yalçın ; Pakize Erdoğan	2578: Reliable Hybrid Forecasting for Financial Liquidity: Stacking Deep, Tree-Based, and Attention Models; Ecem Yaşar ; Bahar Tüysüz ; Alperen Sayar ; Seyit Ertuğrul	2616: Event Prediction in Individual Pension Systems: Customer Segmentation, Churn, and Cross-Selling in Türkiye; Eren Onaran; Ömer Sezer Koyuncu;Burak Bocuğöz; Eylül Ökür Şen;Gizem Atasoy;Seçil Arslan	2363: SentUzNet: A Domain-Independent Sentiment Lexicon for Uzbek and Its Application in Machine Learning Models; Sabotak Allanazarova; Ilyos Rabbimov; Dilrabo Elova	2371: Stages of Creating Uzbek language Onomastic Units (Proper Nouns) in the Uzbek Language; Elov Botir Boltayevich ; Normamatov Sultonbek Ernamatovich ; Samatboyeva Madina Tulkijnon kizi ; Berdiyeva Nilufar Ibadilayeva
16:10-16:30	2758: Predicting Norm Control Decisions of the Turkish Constitutional Court Using Explainable AI Techniques; Cihan Erdoganyilmaz ; Ali Yasir Naç	2729: Transformer-Based Deep Learning Framework for Interpretable Cardiac Arrest Detection Using Tabular Clinical Data; Burçak Asal	2748: Leveraging RFM Features for Churn Prediction in Imbalanced E-Commerce Data: A Hepisburada Case Study; Süde Naz Demirtas ; Erhan Evren ; Murat Özdemir ; Elif Pınar Hacibeyoglu ; Ulas Vural	2730: ChatGPT Based Best Practices for Pair Programming; Mehmet Safa Gökalkp; Ayça Kulküsa	2263: Artificial Intelligence in Cattle Disease Detection: Trends, Challenges, and a Micro-Scale Model Evaluation; Meltem Uysal ; Ebru Aydoğan	2539: A Data-Driven Framework for Predicting Flight Arrival Delays Using Integrated Aviation and Meteorological Data; Muhammed Sefa Akayüz ; Gokhan Bakal						
16:30-16:50	Coffe Break											
16:50-18:30	The Use of Artificial Intelligence in Education and Ethical Issues: Assoc. Prof. Dr. Gülcan Öztürk, Prof. Dr. Muhammet Şahin, Ahmet Yeşiltepe, Prof. Dr. Olgun Degirmenci											

IEEE-UBMK-2025 International Conference on Computer Sciences and Engineering (Third day 19 September 2025)

	Room 102	Room 104	Room 121	Room 122	Room 123	Room Z16	Room Z17	Room Z18	Room Z19	Room Z20	Room Z22	Room Z23
	Session 37 : NLP Dr. B. Yergesh	Session 38 : NLP Lenara Kubedinova	Session 39 : NLP Prof. Dr. H. Köse	Session 40 : ML Assoc. Prof. Dr. Y. Yaslan	Session 41 : AI Prof. Dr. A. Yerimbetova	Session 42 : CoV Assoc. Prof. Dr. M. Okutan	Session 43 : BLK + CLOUD Dr. S. Baday	Session 44 : DSCI Prof. Dr. U. Bayazit	Session 45 : HIGH+ROB Dr. K. Özlem	Session 46 : SGN Dr. Y. H. Şahin	Session 47 : TurkLang Prof. Dr. Sambetbayeva	Session 48 : TurkLang Prof. Dr. A. Nekessova
09:00-09:20	2547: GenAI-Based Threat Intelligence Model: A Comparative Performance Analysis with Traditional Tools; Ahmet Albayrak ; Arafat Şentürk ; Serdar Arpacı	2628: Designing a Domain-Specific Semantic Network for Uzbek Mining Terminology; A Computational Lexicography Approach; Maftuna Sobirova; Manzura Abjalova; Mukaddas Abduraxmanova	2579: Behavior content analysis of subjects in digital environment using NLP; Nikolai Prokopyev ; Pavel Ustin ; Fail Gafarov	2752: Adaptive Learning Rate With Guaranteed Stability in Multi-Output Case; Erdem Dilmen ; Selami Beyhan	2669: YOLOv8-Based Threat Detection Model for Dangerous Objects and Violent Behaviors; Melisa Alara Özüberk ; İlky Çınar	2687: Beyin Tümörü Ameliyatlarında Beyin Kaymasının Hesaplanması: MR ve Ultrason Görüntüleme Yöntemlerinin Entegrasyonu ve Özellik Kılarması Algoritmalarının Karşılaştırılması; Ayşe Gül Eker; Meltem Kurt Pehlivanoglu; Nevçhan Duru; Tolga Turan Dündar; Ahmet Serdar Mutluer	2238: Security Challenges in Cross-Chain DeFi Applications; Denizhan Dalgıç ; Şerif Bahtiyar	2618: Attention-Enhanced Dual-Head LSTM with Rich Feature Engineering for Risk-Adjusted Stock Return Forecasting; Jay Patel ; Peri Güneş ; Seyit Ertuğrul ; Alperen Sayar ; Harun Benli;Didem Makaroğlu;Şirin Özlem; Yassine Drias;Tuna Çakar	2481: Algorithmic Approaches and Performance Analysis of Data Parallelism Frameworks for Computing on Distributed GPUs; Emre Barış ; Mustafa Anıl Özkurt ; Ensar Yılmaz ; Doruk Cem ; Ezgi Çavdar ; Duygu Çakır ; Ece Gelal Soyak	2346: Optimizing Lis-Assisted Wireless Communication Systems Using Deep Learning; Mustafa Muayad Hasan AL-Janabi ; Hayri Sever	2403: Punctuation Restoration in Uzbek Texts Using POS Tagging Techniques; Sobirova Zarnigor Ganijon kizi	2391: Automatic POS Tagging of Verbs in the Uzbek Language and the Algorithm for Identifying Person-Number and Tense Categories; Mirzakhidova Miyasar Inamzhanovna;Khamroeva Shahlo Mirjonovna; Erkinjonova Go'zal Baxtiyor qizi
09:20-09:40	2550: Exploring Turkish Idiomaticity with Large Language Models; Özge Umut ; Atakan Site ; Doğukan Arslan ; Gülşen Eryiğit	2646: Sentiment Analysis of Uzbek Idioms; Manzura Abjalova; Sarvinoz Sharipova ; Shoxista Istamova	2587: Learning Rate Sensitivity of Multilingual Transformer Based Large Language Models in Turkish Binary Classification; Selma Alav ; Bihter Daş ; Kristin Surpuhi Benli	2754: An Explainable AI Framework for Battery SOH Prediction on the NASA 2023 Dataset; Recep Furkan Akın ; Ziya Kadir Tokluoğlu ; Kürsat İnce; Salih Sarp	2681: Optimized Plant Health Monitoring with CNNs and Transfer Learning for Precision Agriculture; Esmâ Şen ; Barış Berk Şengül ; Mahmut Can Boran	2694: Uzaktan Algılama Verileri Üzerinde Farklı Topluluk Öğrenimi Yöntemlerinin Karşılaştırılması; Samir Ganbarli ; Gökhan Bilgin	2668: Enhancing AI-Driven DDoS Mitigation in SAGIN Networks via Blockchain Integration; Muhammed Ersin Durmuşkaya ; Mustafa Kara	2670: Graph Theory-Based Fraud Detection in Banking Check Transactions; Zeynep Behşi; Emir Çetin Memiş; Seyit Ertuğrul; Alperen Sayar Peri Güneş ; Sarper Seydioğlu; Mert Güvençli; Yassine Drias ; Tuna Çakar	2388: Distributed Fault-Tolerant Control of Drone Swarms: An Experimental Study; Altuğ Parlak ; Şebnem Baydere	2598: Leveraging the Pre-trained Whisper Encoder for Multilingual Language Identification; Yunus Emre Özköse ; Ali Haznedaroğlu	2277: The Boundaries of Onomastic Vocabulary; Kozieva İkbol Komilzhonovna	2524: Concordance of the Poetry Corpus of Abdulla Oripov, Muhammad Yusuf, and Shavkat Rahmon; Karimov Suyun Amirovich; Khamroeva Shahlo Mirjonovna; Diyora Maxammadiyeva
09:40-10:00	2557: Structured Financial QA with LLMs: Fine-Tuning vs. Code-Augmented Retrieval; Alperen Çağlayan ; Salıha Nur Gökçe; Değer Ayata	2373: Methods for Resolving Ellipsis in the Alignment of the English-Uzbek Parallel Corpus; Xoshimovna Shohida Shahabidinova; Matyakubova Nolla Shokirjanovna; Dauletov Adilbek Yusupbayevich	2622: Methodological Approaches to the Semantic Description of Explanatory Lexemes within Religious Text Corpora; Aminova Nafisa Istamovna; Yulduz Shodmonaliyeva	2338: Deprem Felaketinin Hatay Bölgesi Öğrencileri Üzerindeki Psikolojik Etkisinin Açıklanabilir Yapay Zeka Destekli Tahmini; Merve Çaylı ; Merve Nilay Aydın ; Celalettin Yeroğlu	2811: Smart Data Annotation: Accelerating Data Labeling Processes Through Deep Learning; Seyma Usta ; Eren Güneş ; Ülkü İrem Deniz; Uğur Yıldız ; Kerem Küçük ; Orhan Akbulut	2810: Yeni Nesil Görüntü Sıkıştırma Standardı JPEG XL'in Kayıplı Modunun Derinlemesine Analizi; Enes Alperen Buğaz ; Emin Ölmez; Aysun Tasyapı Çelebi ; Orhan Akbulut	2781: Güvenli ve Otonom Çalışan Sözleşmesi Yönetimi İçin Blokzincir Tabanlı Akıllı Kontrat Sistemi: Hukuksal Teknolojiler ve Yapay Zekâ Perspektifi; Osman Çaylı;Atınc Yılmaz	2679: Dynamic Ransomware Analysis using CAPEv2 and Retrieval-Augmented Generation; Gönenç Can ; H. Hakan Kılınc İbrahim Gülatas ; A.Halim Zaim	2482: Sürü Zekâsı ile Ağaçlandırmaya Yönelik Otonom Drone Sistemi; Bahattin Eren Yıldırım ; Sena Durmaz ; Arda Yıldız ; Buse Küçükkömürcü ; Türkiye Özbek; Güzin Türkmen	2505: A Comparative Study of VGG-19 and a Custom CNN for Binary EEG-State Classification Using Composite Time-Frequency Imaging; Khussiddin Ruzimboev Ikhtiyor D. Avezmatov; Boburjon I. Shermatov	2458: Bridging the Gap in Less-Resourced languages: Building a Benchmark for Kyrgyz Language Models; Timur Turatali; Aida Turdubayeva; Islam Zhenshibekov; Zhoomart Suranbaev; Anton Alekseev; Rustem Izmailov	2401: A SBERT-Based Hybrid Approach for Cognate Identification Between Turkish and Uzbek; Kadir Tohma ; Peri Güneş ; Manzura Abjalova
10:00-10:20	2570: Beyond Polarity: Unsupervised Sentiment Analysis in Turkish Social Media Texts; Zeynep Bozkurt ; Arzum Karataş	2630: Development of a rule-based model and algorithm for predicate identification in Uzbek language texts; Maksud Sharipov ; Ixtiyor Avezmatov ; Hushnubek Adinaev	2660: Automatically Determine Semantic Relations in the Uzbek Language Using machine Learning; Umirova Svetlana; Alisher Gafforov;Islamova Dinara; Kholmuhamedov Bakhtiyor;Yusupova Orziboni;Narzieva Mamura	2350: AutoML Tabanlı Zaman Serisi Modeli ile Araç Satışlarının Günlük Tahmini: arabam.com Örneği; Nilma Uçuran; Bekir Cetintav	2745: A Structural Similarity Framework for LLM-Based API Test Case Generation; Anıl Sezgin ; Tuğberk Kocatekin ; Mert Yağcıoğlu	2456: Classifying COVID-19 Severity from Chest X-rays Using Machine Learning Techniques; Maher F. Ismael ; Sarmad F. Ismael ; Mohammad H. Ismail	2320: FASTER: Function-As-a-Service Triggering for Efficiency and Responsiveness; Mehmet Ali Akar ; Kübra Akgözlüoğlu ; Vahit Bayrı ; Hasan Sözer	2695: Post-earthquake Damage Detection in Aerial Images using Transfer learning and Vision Transformers; Muhammed Mustafa Alnadaff ; Muhammet Sinan Başarslan ; Zehra Meltem Özdemir ; Eren Akkoç ; Rabia Ece Sert ; Arzu Görgülü Kalkışım			2395: Stages of Creating an Uzbek-English Parallel Corpus and Principles of Selecting a Linguistic Base; Botir Elov Boltayevich ; Aleav Ruhillo Habibovich ; Amirulov Marufjon Alikulovich; Sabohat Kenjayeva; Jamshid Elov Bekmurodovich	2608: Regarding the results of corpus linguistics in Turkic languages; Shahlo Khamroeva; Usmonova Mohinur Ulug'bek qizi; Ubaydova Muklurbegim Asror kizi
10:20-10:40	2726: Improving Reasoning Abilities of Large Language Models via Logic Games; Yusuf Erdem Erdem ; Osama Shihb ; Himmet Toprak Kesgin ; Müzaffer Kaan Yüce ; M. Fath Amasyalı	2297: Abdurauf Fitrat Corpus: Linguistic Support and Software Solution; Mirzakhidova Miyasar Inamzhanovna; Shahlo Khamroeva Mirjonovna; Jamolidinova Odinakhon Rasulovna; Alimbekova Majidua Halimjon qizi	2658: Performance Analysis of Text Chunking Methods for LLM-Based Document Summarization; Salih Dündar ; Öykü Şahin ; Mehmet Ali Özer	2484: Akustik Özellikler ile Psikolojik Durum Sınıflandırması: MELD Veri Seti Üzerinde Derin ve Makine Öğrenmesi Tabanlı Bir Uygulama; Nursel Kırca ; Nur Sevinç ; Gulay Cicek	2757: Towards Intelligent IT Service Management: A Comparative Evaluation of Machine Learning and Language Models for Ticket Classification and Assignment; Ali Alsac ; Ümit Yılmaz ; Fatma Önay Koçoğlu ; Şadi Evren Şeker	2345: Explainable AI-Based Performance Prediction Using Optimised ML Models in Cloud Systems; Şahin Arslan ; Ümit Demirbaga		2766: Churn Prediction for Subscription-Based Applications Using Machine Learning; Hamza Gözükara ; Jay Patel ; Erikan Kara ; Aysenur Yıldız ; Yasemin Kurtçu Meşe ; Emir Obalı ; Yassine Drias ; Şirin Özlem ; Tuna Çakar			2348: İki Dilli İnsanlar Konuşma Derleminde Sosyal Özgüllük Özelliklerinin Analizi; Khamroeva Shahlo Mirjonovna; Muxamedova Saodat Xodayberdiyevna; Ruziyeva Madina İlhomovna	2446: Creating an Annotated Dataset for Coreference Resolution in Uzbek Texts Based on the CoNLL-2012 Format; Elov Botir Boltayevich ; Abdisalomova Shahlo Abdimurod qizi ; Jumayeva Dilnoza Baxshulloyevna
10:40-11:00	2672: Design and Performance Analysis for Tabular Data by Using LLM's with Limited VRAM; Öğüzhan Akkurt ; Ulviye Savaş ; Adnan Erdoğan ; Ersin Ersoy	2574: Linguistic And Computational Solutions For Translating Lexical Lacunae In Neural Machine Translation Systems; Erkinjon Gaybulatov ; Manzura Abjalova ; Munojot Adilova	2788: Transitioning from AMR to UMR in Turkish: A Semantic Representation Perspective; Dilara Torunoglu Selamet; Necibe Gardashova; Furkan Unutun; Gülşen Eryiğit	2491: Pijirme Makinelerinde Açma-Kapama Sürelerine Dayalı Makine Öğrenmesi İle Iskarta Tahmini ve Otomatik Blokaj Sistemi Geliştirilmesi; Selim Arslan	2803: Constructing a Turkish Complaint Dataset with Images and Benchmarking Vision Language Models; Kasım Murat Karakaya ; Elif Bengü Saraç ; Elif Ünal Çayır			2787: Leveraging Contrastive Learning and LightGBM for Classification; Nadia Ahmed Sharna ; İzzet Fath Şentürk			2624: A Feedforward Neural Model for Morphological Stemming of Uzbek Words; Ulugbek Salaev ; Ollabergan Yuldashov	2753: The first electronic corpus of the Karachay-Balkar language and its unification problem: Ali Berberov; Bogdan Teunae; Liana Berberova
11:00-11:20	Coffe Break											
11:20-11:35	ArGe Presentation Chair: Prof. Dr. Şule Öğüdcü		VBT									
Idea												
Protel												
Arabam.com												
11:35-11:50	Fuzul											
11:50-12:05												
12:05-12:20												
12:20-14:00	Lunch											
14:00-14:30	Invited Speaker		Dr. Ulaş Vural: The Concept of Humanity 2.0 and its historical contex									
	Room 102	Room 104	Room 121	Room 122	Room 123	Room Z16	Room Z17	Room Z18	Room Z19	Room Z20	Room Z22	Room Z23
	Session 49 : NLP Prof. Dr. S. Saniel	Session 50 : NLP Assoc. Prof. Dr. K. S. Mirdjonovna	Session 51 : NLP Prof. Dr. G. Ünal	Session 52 : ML Dr. G. Seçinti	Session 53 : ML Prof. Dr. A. Karabay	Session 54 : AI Assoc. Prof. Dr. C. Topal	Session 55 : AI Prof. Dr. E. Karsligil	Session 56 :	Session 57 :	Session 58 :	Session 59 : TurkLang Prof. Dr. F. M. Gafarov	Session 60 : TurkLang Prof. Dr. N. Mukazhanov
14:30-14:50	2678: Named Entity Recognition for Historical Texts in Turkish; Miraytuğ Şeker ; Muhammed Abdullah Demir; Mehmet Arzu Mahmut Kaya	2321: Development of a Contastive Uzbek-English Grammatical Database for NLP and Translation Applications;Khamroeva Shahlo Mirjanovna;Jurakuziyev Nodirbek Imomkuziyevich;Qodirova Madinabonu; Soliyeva Xusnida	2276: Restoring Punctuation and Capitalization in Kazakh: A BERT-Based Approach for Text Normalization; Sanzhar Umbet ; Zhanibek Kozhribayev	2620: Evrişimel Sınır Ağları Kullanılarak Hiperespektral Görüntüler Üzerinden Beyin Doku Sınıflandırma; İsmet Karaduman ; Meltem Kurt Pehlivanoglu ; Ayşe Gül Eker ; Nevçhan Duru ; Tolga Turan Dündar ; Ahmet Serdar Mutluer	2470: Enhancing User Experience in FinTech: Personalized E-Wallet Recommendations from Transaction Data; Enes Orhan ; Kazım Yıldız ; Önder Demir ; Zeynep Yavuz	2715: Leveling Up Software Project Management Education: From Manual Mastery to AI Empowerment; Sevgi Koyuncu Tunç	2584: Impact of Data Poisoning on Machine Learning Models: A Case Study On S&P 500 Index; Gülce Ayşe Doker ; Emin Kuğu ; Aslı Algın				2626: Analyzing semantic ambiguity and term structuring in Uzbek mining terminology; Maftuna Sobirova ; Manzura Abjalova ; Gulshan Ishankulova ; Manzura Ashimatova	2750: Unified Emotion–Dialect Speech Platform for Turkic Languages via Multi-Task High-Dimensional Modeling; Altanbek Zulikhaizav ; Mamyr Altanbek ; Gulmira Bekmanova ; Asel Omarbekova ; Banu Yergesh ; Dinara Kabydlova
14:50-15:10	2682: Comparison of recommendation models based on GraphSAGE, Heterogeneous Graph Transformer and Heterogeneous Graph Attention Network for educational recommendation in heterogeneous knowledge graphs; Valiya Ramazanova ; Sandugash Senkbayeva ; Madina Sambetbayeva ; Aigerim Yerimbetova	2417: Hate Speech Detection in the Kazakh Language Utilizing an Attention-Based BERT Model; Nabat Suleuova ; Esref Adalı ; Kanat Tynysbek ; Bekmurat Shynzhigit ; Aigerim Toktarova ; Gulbakhram Beissenova	2487: Türk ve Özbek Dillerinde Harf ve Seslerin Karşılaştırılması; Esref Adalı ; Manzura Abjalova	2700: Dinamik ve Sosyoekonomik Veriye Dayalı POI İşletme Sınıflandırması İçin Bir Öneri Sistemi; Dilan Üzümcü ; Mehmet Emin Taşkıranoglu ; Betül Hıcdırmaz ; İlgin Üstün ; Nurullah Çalık	2494: Resolution Time Violation Prediction for Broadband Internet Customer Problems; Ümit Kanoğlu ; Reyhan Aydoğan Olcay Taner Yıldız	2719: Software Unit Test Automation with LLM-Based Generative AI: Evaluating Test Quality through Code Coverage and Edge-Case Analysis; Sevdanur Genç ; Mustafa Furkan Ceylan ; Ayhan İstanbullu	2721: Whitening Embeddings in Field-wise and Element-wise Embedding Method for CTR Prediction; Ergün Biçici				2691: Methods and algorithms of POS-tagging of adverbs and pronouns in Uzbek texts; Khudayberganov Nizomadiddin Uktambay o'g'li; Karimova Ziola Dilmurod kizi	2780: The Semiotic Universal as an Atomic Element of the Lexical-Grammatical Structure of the Tatar Language; Dzhavdet Suleymanov ; Alik Gilmullin ; İlnur Mukhametzanov
15:10-15:30	2697: Improving Literary Selection Methodology through Text Complexity Assesment for grades 5-9; Sapura Sattarova	2291: Design and Implementation of a Markov Model-Based POS Tagger for the Uzbek Language; Maksud Sharipov ; Manzura Abjalova ; Ogabek Sobirov	2558: Bankacılık için Ulusal Elektronik TıbbiGeçirgen Sistemi Otomasyonu; Mehmet Yasin Akpınar ; Murat Güç	2416: Review of Multilingual Social Media Hate Speech Identification and Mitigation; Azizla Zhidebayeva;Gulnar Madalilyeva; Nagima Sarsenbiyeva;Toktarova Aigerim; Zhanar Kemelbekova;Bayan Tastanbekova	2710: BALA-T: Derin Öğrenme Yöntemleri Kullanılarak Petek Hücrelerindedeki Bal Arılarının Tespiti; Esra Yılmaz ; Ayşe Berna Altınel	2506: A Review of Neuro-Symbolic, Multi-Modal Intelligent Tutoring Systems for Advancing Adaptive and Personalized Learning;Khussiddin R. Ruzimboev ; Ikhtiyor D. Avezmatov;Boburjon I. Shermatov	2786: Prompting for Security: A Cross-Model Evaluation of Code Generation in LLMs; Wardah Saleem ; Selma Nazlıoğlu				2778: The Importance of Transformational Method in Automatic Idiom Translation; Manzura Abjalova ;Ümida Rashidova; Sarvinoz Sharipova	2814: A Hybrid Named-Entity Recognition Algorithm for Ecological Documentation in Uzbekistan;Nilufar Abdurakhmonova; Davlatyor Mengliev;Sarvinoz Mardonova; Tulkin Asadov;Farxod Xalilov; Fayzilat Maxsudova
15:30-15:50	2702: The Impact of Prompt Engineering Techniques on Turkish NLP Tasks; Melike Nur Erdoğan ; Ali Buğa Kanburoğlu	2298: Bidirectional LSTM-CRF Models for Punctuation Restoration in Uzbek Texts; Maksud Sharipov ; Hushnubek Adinaev ; Ogabek Sobirov	2625: Özbek Dilindeki Deyimlerin Üslup Özelliklerinin Belirlenmesi; Manzura Abjalova ; Ümida Rashidova ; Sarvinoz Rasulova ; Sarvinoz Sharipova	2486: Evaluation of Feature Selection methods for Motor Imagery EEG from the Interpretability Perspective; Olla Hussein Tuğçe Ballı ; E. Fath Yetkin		2732: Retinal Disease Classification from Bimodal OCT and OCTA Using a CNN–ViT Hybrid Architecture; Ömer Faruk Aydın ; Faik Boray Tek ; Yasemin Turkan	2343: Türkçe Soru Cevaplamada Açık Kaynak BDM'lerinin İnce Ayar: Nutuk Örneğinde Veri Boyutu ve Parametre Seçiminin Etkisi; İlknur Gür Nalçacı ; Ferhat Şeker ; Kasım Murat Karakaya				2294: Stages of Sentiment Analysis of Uzbek Texts Using the ABSA Method; Botir Elov; Malika Suyunova; Saida Nazarova; Sharofiddin Rakhmatullayev; Tokhtasin Rajabov; Zarnigor Sohibova	2824: Semantic annotation in electronic corpus of Tatar language “Tugan Tel” based on knowledge graph; Damir Mukhammedshin Ayrat Gatiatullin ; Nikolai Prokopyev ; Rinat Gilmillin
15:50-16:10	2744: TurkAds-Emotion: Analyzing Emotional Impact in Turkish Advertising Audio and Text; Esra Daşdan ; Atakan Kurt ; Aslıhan Altun ; Zekiye Özdemir	2783: Özbek Dilinde Önad Türünün Anlamsal Etkileme Teknolojisi; Manzura Abjalova ; Esref Adalı; Maksud Sharipov;Munojot Adilova;Saida Turgunbayeva	2281: Instruction-Tuned Large Language Models for Aspect-Based Sentiment Analysis: A Case Study on Turkish Banking Data; Derya Uysal ; Begüm Çıtamak Erdinç ; Erkut Erdem	2252: Development and Comparative Analysis of Algorithms for Automatic Classification of Documents in Electronic Archives; Adilbek Dauletov ; Nolla Matyakubova ; Buriyev Bobur; Sodiq Oydivov		2693: Predicting Future Gold Prices Using the Feedback-Matching Algorithm; Alaa Hassan Harif; Alia K. AbdulHassan; Louay Al-Nuaimy					2761: Statistical POS Tagging Algorithms (HMM, CRF); Odinakhon Jamoldinova; Botir Boltayevich Elov; Maftunakhon Sharipova; Shakhzoda Miralimova; Ziola Yuldashevna Xusainova; Nizomaddin Uktambay o'g'li; Khudayberganov; Kholmurod Karimov	2825: Explainable Artificial Intelligence Methods in Text Classification of Machine Learning Models for Tatar Language; Fail M. Gafarov ; Viliuz R. Gafarova ; Madehur M. Ayupov
16:10-16:30	Coffe Break											
16:30-18:00	IEEE Blockchain Workshop: Dr. Bora Buğra Sezer, Dr Bora Aslan, Dr. Güven Fidan, Dr. Ahmet Soran, Prof. Dr. Alptekin Küpçü, Prof. Xiao Wu (Ling)											
18:00-18:30	Awards Presentation CLOSING / Ödüllerin verilmesi KAPANIŞ											

Kısaltmalar / Abbreviations

AI	Artificial Intelligent
BIG	Big Data and Analytics
BIO	Biomedical and Health Information
BLK	Blockchain
CLD	Cloud Computing
Csec	Csec Computer and Data Security
NET	Computer Networks
COV	Computer Vision and Pattern Recognition
CRYP	Cryptology, Security and Privacy
DM:	Data Mining
DSC	Data Science
EMB	Embedded Systems
HUM	Human Computing Interaction
HIGH	High Performance Computing
IR	Information Retrieval
IoT	Internet of Things
IT	Information Retrieval
ML	Machine Learning
NLP	Natural Language Processing
Q&A	Question and Answering Systems
ROB	Robotics and Automation
SGN	Signal Processing
SW	Software Engineering

- I. Bölüm Başkanları toplantısı 18 Eylül 2025 saat 14:30 - 16:30 Konferans salonunda
- II. Bölüm Başkanları toplantısı 19 Eylül 2025 saat 14:30 - 16:30 Konferans salonunda

- I. ArGe Merkezleri Yöneticileri toplantısı 18 Eylül 2025 saat 09:00 - 11:00 Konferans salonunda
- II. ArGe Merkezleri Yöneticileri toplantısı 19 Eylül 2025 saat 09:00 - 11:00 Konferans salonunda