4 December 2026 (Online)

SESSION 1 | 08:00–09:45 (Kazakhstan time, UTC+5)

08:00–09:45 | Online — **SESSION 1.1 – AGRICULTURAL SCIENCES AND TECHNOLOGIES**

NOHU-Chair:Prof. Dr. Ayhan Ceyhan Technical Staff:Res. Asst. Ahmet Akyol
Meeting (Microsoft Teams) link for oral presentation:
https://teams.microsoft.com/meet/3828483936444255?p=qd6bCiQke6t3AjbgnP

Format	No.	Kazakhstan time (UTC+5)	Paper ID and title
Online	1	08:00–08:15	399.Effects of insect-based diets on growth performance, carcass characteristics and meat quality in broiler chickens: a meta-analysis
Online	2	08:15–08:30	124.Dietary fibre and hindgut fermentation in horses: implications for digestive health and nutrient utilization
Online	3	08:30–08:45	54.Calculating the Water Footprint of Maize Production in the Adana Region Using the CROPWAT Model
Online	4	08:45–09:00	317.Kuraklık stresi etkisindeki fasulye (Phaseolus vulgarıs L.) bitkisindeki bazı besin elementleri üzerine etkileri
Online	5	09:00–09:15	494.Bitki hastalıklarının erken teşhisinde yapay zekâ
Online	6	09:15–09:30	318.Growth and photosynthetic responses of bread wheat (Triticum aestivum L.) to graded soil water deficit
Online	7	09:30–09:45	500.Plant-Parasitic Nematodes in South-Eastern Kazakhstan: Distribution, Harmfulness and Prospects for GIS-Based Mapping

08:00–09:45 | Online — **SESSION 1.2 – MEDICINE**

Chair:Prof.Dr. Hasan Hüseyin ARI Technical Staff:Asel DCALMAGOMBETOVA
Meeting (Microsoft Teams) link for oral presentation:
https://teams.microsoft.com/meet/3339236277748833?p=gBQWWKW1hpCVAjgTMf

Format	No.	Kazakhstan time (UTC+5)	Paper ID and title
Online	1	08:00–08:15	461.The Level of Knowledge of Horse Breeders and Veterinary Specialists in Kyrgyzstan in Determining Body Condition Score of Horses (BCS)
Online	2	08:15–08:30	56.Weight-loss supplements promoted through social media: effectiveness, safety and misleading claims
Online	3	08:30–08:45	47.Changes in plasma oxidative stress, inflammatory mediators and growth factors in patients with chronic diabetic wounds undergoing hyperbaric oxygen therapy
Online	4	08:45–09:00	489.Patient-centered communication, shared decision-making, and self-efficacy in type 2 diabetes: pathways to treatment adherence
Online	5	09:00–09:15	490.Artificial intelligence chatbots and large language models in diabetes self-management and patient communication: a review of current evidence
Online	6	09:15–09:30	83.Shopping-related stress and cardiovascular responses in young adults
Online	7	09:30–09:45	509.Bir Araşan (Arashan) koyununda Coenurus cerebralis'in cerrahi ve medikal sağaltımı

SESSION 2 | 10:00–13:00 (Kazakhstan time, UTC+5)

10:00–12:30 | Online — **SESSION 2.1 – AGRICULTURAL SCIENCES AND TECHNOLOGIES**

NOHU-Chair:Assoc. Prof. Dr. Burak Şen Technical Staff:Res. Asst. Özlem Boran
Meeting (Microsoft Teams) link for oral presentation:
https://teams.microsoft.com/meet/3998069831844652?p=09haMPcmklyceyNVnV

Format	No.	Kazakhstan time (UTC+5)	Paper ID and title
Online	1	10:00–10:15	130.RNA interference-based strategies for durable resistance to plant viruses: from viral silencing suppressors to sustainable crop protection
Online	2	10:15–10:30	136.Farmers' perception of climate change and their attitude towards adoption of adaptation strategies in peri –urban area of Ibadan, Oyo State, Nigeria
Online	3	10:30–10:45	163.Adaptability and yield potentials of selected pigeon pea (Cajanus cajan. L) genotypes in the south western agro ecologies of Nigeria
Online	4	10:45–11:00	169.Effects of Sesame Seed Meal Supplementation and Processing Methods on Growth Performance and Meat Quality of Broiler Chickens
Online	5	11:00–11:15	174.Örtüaltı Domates Yetiştiriciliğinde Mikrobiyal Gübre ve Peynir Altı Suyu Tozu Uygulamalarının Bitki Gelişimi, Verim ve Meyve Kalitesi Üzerine Etkileri
Online	6	11:15–11:30	175.Hidroponik Kuzu Kulağı Yetiştiriciliğinde Organik Gübre ve Besin Çözeltisi ile Beslemenin Bitki Gelişimi, Verim ve Kalite Üzerine Etkileri
Online	7	11:30–11:45	121.Beyond crude protein: Hydrobarothermal processing as a strategy to improve soybean protein quality and amino acid utilization in poultry
Online	8	11:45–12:00	201.The Effect of Bioactive Substances from Thymus vulgaris L., Origanum vulgare L., and Tribulus terrestris on Testosterone and Ejaculate Quality in Ile-de-France Rams Outside the Breeding Season
Online	9	12:00-12:15	311.Niğde İli Kiraz Ağaçlarında Cherry Leaf Roll Virüsünün (CLRV)'ün Moleküler Tespiti
Online	10	12:15–12:30	312.Domates kahverengi buruşuk meyve virüsünün (ToBRFV) kılıf proteini gen bölgesinin moleküler karakterizasyonu

10:00–12:00 | Online — **SESSION 2.2 – BIOTECHNOLOGY**

NOHU-Chair:Assistant Professor Tuba Artan Onat Technical Staff: Assistant Professor Üyesi İlkay Civelek
Meeting (Microsoft Teams) link for oral presentation:
https://teams.microsoft.com/meet/3538743837754443?p=tRMZx0HymM2iTGkA7J

Format	No.	Kazakhstan time (UTC+5)	Paper ID and title
Online	1	10:00–10:15	430.The Anticancer Potential of Cyperus rotundus L. in Triple-Negative Breast Cancer
Online	2	10:15–10:30	368.Pankreas Kanserinde Adenovirüs Temelli Tedavilerin Etki Mekanizmaları ve Tedavi Sonuçları
Online	3	10:30–10:45	371.Beyin Tümörlerinde Onkolitik Virüs Tedavisi İmmünoterapi: Glioblastma Odaklı Bir Literatür Değerlendirmesi
Online	4	10:45–11:00	395.Evaluation of the aphid (Hemiptera: Aphidoidea) and host plant composition of Kırklareli province in Turkey
Online	5	11:00–11:15	95.Bacillus İzolatlarında Polihidroksibütirat (PHB) Üretimine Melasın Etkisi
Online	6	11:15–11:30	112.Bitki virüslerinin hızlı tanısında CRISPR/Cas sistemleri
Online	7	11:30–11:45	417.Isırgan otu (Urtica sp.) ekstresi ve eksplant tipinin kediotu (Valeriana officinalis L.) kallus kültürlerinde toplam fenolik içerik, antioksidan aktivite ve GC-MS profili üzerine etkisi
Online	8	11:45–12:00	512.Biocontrol of a root-rot disease complex of lentil by Pseudomonas straita, Bacillus pumilus, and Rhizophagus irregularis

10:00–11:00 | Online — **SESSION 2.3 – CIVIL ENGINEERING**

NOHU-Chair:Assoc. Prof. Dr. Firdevs Uysal-Assistant Professor Esra Tatlıoğlu Technical Staff:Res. Asst. Yunus Emre Kebeli
Meeting (Microsoft Teams) link for oral presentation:
https://teams.microsoft.com/meet/3512421753853662?p=qCxX1V1Cv2zc21dKT2

Format	No.	Kazakhstan time (UTC+5)	Paper ID and title
Online	1	10:00–10:15	390.Sloshing and rail stress analysis of railway tank wagons under earthquake excitation
Online	2	10:15–10:30	470.Numerical Analysis of the Structural Performance of Frame Systems with Openings in Beams
Online	3	10:30–10:45	480.Diesel Smoke Opacity in Relation to Vehicle Characteristics: A Multivariable Analysis of Inspection Data
Online	4	10:45–11:00	22.Investigation of Physical Property Changes in High Plasticity Clay Stabilized with Bottom Ash

10:00–12:00 | Online — **SESSION 2.4 – COMPUTER ENGINEERING**

NOHU-Chair:Assistant Professor Alper ECEMİŞ Technical Staff:Res. Asst. Emre ERDOĞMUŞ
Meeting (Microsoft Teams) link for oral presentation:
https://teams.microsoft.com/meet/378069748885281?p=kexVwU8gZPqfUTKnFC

Format	No.	Kazakhstan time (UTC+5)	Paper ID and title
Online	1	10:00–10:15	224.Prioritization of variants of uncertain significance in BRCA1/2 genes using K-means clustering
Online	2	10:15–10:30	237.Sentetik yüz görüntülerinde öznitelik tabanlı kaynak tespiti
Online	3	10:30–10:45	263.Language Transfer Management in English-Medium Science Education: A Literature-Based Three-Level Instructional Model
Online	4	10:45–11:00	272.Cyber Threats in E-Commerce Platforms: Current Attack Vectors, Payment Security, and Multi-Layered Defense Strategies
Online	5	11:00–11:15	299.Forecasting Energy Consumption Patterns by Processing Big Data Sets Obtained from Smart Meters Using Artificial Intelligence Methods
Online	6	11:15–11:30	302.APT benzeri kimlik bilgisi ele geçirme ve yanal hareket davranışlarının açık güvenlik veri kümelerinde kural tabanlı tespiti ve günlük kaynağı etkisinin değerlendirilmesi
Online	7	11:30–11:45	307.Machine learning-based attack detection, feature selection and explainability on CIC Modbus 2023
Online	8	11:45–12:00	37.Investigating the Effect of Image Preprocessing on Deep Learning Based Cephalometric Landmark Detection

10:00–12:30 | Online — **SESSION 2.5 – ELECTRICAL ELECTRONICS ENGINEERING**

NOHU-Chair:Dr. Mehmet Canevi Technical Staff:Res. Assst. Alperen Cengiz
Meeting (Microsoft Teams) link for oral presentation:
https://teams.microsoft.com/meet/3312080849153489?p=A0amWKzxJy8iXWVsa3

Format	No.	Kazakhstan time (UTC+5)	Paper ID and title
Online	1	10:00–10:15	344.Design of a High-Switching Resonant Converter to Address the Arc Blow Problem in DC Welding Machines
Online	2	10:15–10:30	346.Software-defined radio measurements of reference clock sensitivity for QPSK, 16-QAM and 64-QAM: a maximum at the intermediate order
Online	3	10:30–10:45	347.Input structure sensitivity of the peak-to-average power ratio in AFDM and OFDM: software-defined radio measurements
Online	4	10:45–11:00	369.Dual band terahertz metamaterial absorber using C and Π shaped gold resonators
Online	5	11:00–11:15	384.ESP8266 ve TinyML tabanlı kablosuz tek derivasyonlu EKG monitörü ve MIT-BIH üzerinde değerlendirme
Online	6	11:15–11:30	454.Beyin MR Görüntülerinde Diverjans Tabanlı Öznitelik Seçimi
Online	7	11:30–11:45	471.Hisse Senedi Fiyat Tahmininde Özellik Seçimi ve Girdi Boyutunun Tahmin Doğruluğu ve Finansal Performans Üzerindeki Etkisi
Online	8	11:45–12:00	481.Simulation-Based Parameter Determination of a BLDC Motor Using HFPSO
Online	9	12:00–12:15	12.Comparison of binary-shift and conventional chaotic PSO for MPPT under partial shading conditions
Online	10	12:15–12:30	520.Uyarlamalı Kayma Kipli Gözlemleyici ve Luenberger Gözlemleyicisi İçeren Hız-Algılayıcısız Asenkron Motor Sürücüsü

10:00–12:15 | Online — **SESSION 2.6 – ENVIRONMENTAL ENGINEERING**

NOHU-Chair: Prof. Dr. Meltem SARIOĞLU CEBECİ Technical Staff:Hatice AKBULUT KESER
Meeting (Microsoft Teams) link for oral presentation:
https://teams.microsoft.com/meet/331890282800914?p=crlLCEMf1V5WaUvpkk

Format	No.	Kazakhstan time (UTC+5)	Paper ID and title
Online	1	10:00–10:15	285.An attention-guided hybrid model for carbon monoxide prediction from low-cost air quality sensors: TabML v2
Online	2	10:15–10:30	327.Üniversite Öğrencilerinin Çevre Duyarlılığı Hakkında Bilgi ve Farkındalıklarının Belirlenmesi
Online	3	10:30–10:45	330.Atık Barbunya Kabuğu İle Remazol Turkuaz Blue Tekstil Boyasının Sulu Ortamdan Giderim Şartlarının Optimizasyonu
Online	4	10:45–11:00	76.Sustainable Development of Global Tourism: Environmental Pressures and Digital Technologies
Online	5	11:00–11:15	197.Görüntü tabanlı sınıflandırma ile tarımsal atıkların değerlendirilmesi için çevrimdışı mobil uygulama
Online	6	11:15–11:30	373.Kentsel Atıksu Arıtma Tesislerinin Enerji, Nütrient ve Su Geri Kazanımı Açısından Döngüsel Ekonomi Yaklaşımı
Online	7	11:30–11:45	381.Atıksuların İleri Arıtımında Adsorpsiyon - Hibrit Prosesler
Online	8	11:45–12:00	428.Ion-Exchange Resin Beds as Internal Ionic Conductors for Hydrogen Production by Finite-Gap Deionized-Water Electrolysis
Online	9	12:00–12:15	491.Synthesis of Cellulose from Sock Waste Generated by a Textile Factory in Kyrgyzstan: Characterization and Applications in the Food Sector

10:00–12:15 | Online — **SESSION 2.7 – FOOD ENGINEERING**

NOHU-Chair: Assoc. Prof. Dr. Ayşe ÖZBEY Technical Staff:Res. Asst. Ayşenur İNCE
Meeting (Microsoft Teams) link for oral presentation:
https://teams.microsoft.com/meet/3507632825578520?p=zdZeEORwuZmkydUNXQ

Format	No.	Kazakhstan time (UTC+5)	Paper ID and title
Online	1	10:00–10:15	310.A Traditional Product Unique to Azerbaijan: Sour Plum Pestil
Online	2	10:15–10:30	320.Development of functional beverages enriched with ginseng extract using local plant materials and natural spring water
Online	3	10:30–10:45	354.Multivariate Analysis of the Effect of Different Pre-gelatinization Methods on Techno-functional Properties of Potato Flour
Online	4	10:45–11:00	355.Gıda İşleme Süreçlerinde 5-Hidroksimetilfurfural (HMF) Oluşumu
Online	5	11:00–11:15	367.Food Waste Prevention and By-Product Valorization in Sustainable Gastronomy
Online	6	11:15–11:30	389.Functional and Technological Diversity of the Microbial Consortium Isolated from Maksym, a Traditional Kyrgyz Fermented Cereal Beverage
Online	7	11:30–11:45	42.Utilization of Soybean-Blood Meal Mixture for Improvement in Performance of Rohu (Labeo rohita) Fingerlings
Online	8	11:45–12:00	268.Gıda endüstrisinde sürdürülebilirlik için deneysel tasarım
Online	9	12:00–12:15	277.Çoklu değişken analizi kullanarak farklı soyma yöntemlerinin patates kabuğu ekstraktlarının fizikokimyasal ve biyoaktif özelliklerine etkisinin belirlenmesi

10:00–11:30 | Online — **SESSION 2.8 – MATHEMATICS**

Chair:Prof. Dr. Mehmet Yavuz Technical Staff:Muhammed Emin BATUHAN
Meeting (Microsoft Teams) link for oral presentation:
https://teams.microsoft.com/meet/3572235601411472?p=hHNMGnOQGJShq3X6ZP

Format	No.	Kazakhstan time (UTC+5)	Paper ID and title
Online	1	10:00–10:15	467.Neural-Network-Inspired Symbolic Computation Uncovers New Exact Waves Behind Lake Swells and Plasma Glow
Online	2	10:15–10:30	466.From Ship Wakes to Coastal Swells: Analytical Wave Patterns of a Shallow Water Model
Online	3	10:30–10:45	485.Learning to Diffuse: Physics-Informed Graph Neural Networks for Heat Transport on Scattered Meshes
Online	4	10:45–11:00	75.Weak Hopf algebra structure on vector-valued Lipschitz algebras
Online	5	11:00–11:15	482.Mathematical Modeling and Stability Analysis of Virotherapy Dynamics Using Physics-Informed Neural Networks
Online	6	11:15–11:30	139.An Inverse Problem for a Two-Dimensional Pseudoparabolic Equation

10:00–12:45 | Online — **SESSION 2.9 – MECHANICAL ENGINEERING**

NOHU-Chair: Prof. Dr. Serkan Toros Technical Staff:Res. Asst. Yusuf Can Turanoğlu
Meeting (Microsoft Teams) link for oral presentation:
https://teams.microsoft.com/meet/3431213681855550?p=SlhjC6XHjF8xpGhY8J

Format	No.	Kazakhstan time (UTC+5)	Paper ID and title
Online	1	10:00–10:15	257.Biyomimetik Hücum Kenarı Tüberkülleri: Farklı Mühendislik Uygulamalarında Performans Kazanımları ve Sınırlamalar Üzerine Bir Derleme

Online	2	10:15–10:30	261.Artificial Intelligence in Human Movement Analysis in Sport: A Scoping Review of Deep Learning and Computer Vision Approaches for Biomechanical Assessment and Injury Prevention (2018–2026)
Online	3	10:30–10:45	353.Eliptik Borulu Döner Bir Isıl Enerji Depolama Sisteminde Dönme Hızının Faz Değişim Malzemesinin Katılaşma Davranışına Etkisinin Sayısal İncelenmesi
Online	4	10:45–11:00	356.Investigations of aerodynamic performance of flexible Gurney flap at low Reynolds number
Online	5	11:00–11:15	8.Dizel-Biyodizel (B20) Karışımında Karbon Nanotüp Katkısı İle Emisyon İyileştirme Potansiyelinin İncelenmesi
Online	6	11:15–11:30	472.Yatay eksenli rüzgar türbinlerinde farklı mil konumlarının ve göbek modifikasyonlarının aerodinamik performansa etkisi
Online	8	11:45–12:00	78.Where should the uncertainty go? Tail-risk-aware assignment of random jobs to parallel machines
Online	9	12:00–12:15	87.Microstructure, Hardness and Impact-Sliding Wear Behavior of 1.2738 BM and 1.2738 HH Mold Steels
Online	10	12:15–12:30	103.Multi-target XGBoost modeling for hydrothermal performance and entropy generation in magnetohydrodynamic ferrofluid mixed convection
Online	11	12:30-12:45	529.Region-dependent wear reduction in quenched and tempered QRO 90 Supreme steel

10:00–12:30 | Online — **SESSION 2.10 – MEDICINE**

Chair:Prof.Dr. Hasan Hüseyin ARI Technical Staff:Asel DCALMAGOMBETOVA
Meeting (Microsoft Teams) link for oral presentation:
https://teams.microsoft.com/meet/3255059276193039?p=C6cEm3bb2Y0dWFxlWu

Format	No.	Kazakhstan time (UTC+5)	Paper ID and title
Online	1	10:00–10:15	86.Chronic obstructive pulmonary disease: pathogenesis, diagnosis, and contemporary management
Online	2	10:15–10:30	88.Modern drug-eluting coronary stents: biomaterials, restenosis prevention, and personalized cardiovascular treatment
Online	3	10:30–10:45	89.From neurobiology to precision therapy: CGRP signaling, cortical spreading depression, and emerging targeted treatments for migraine
Online	4	10:45–11:00	90.Digital assessment of autonomic cardiovascular regulation: heart rate variability measured by electrocardiography, smartphones, and wearable devices
Online	5	11:00–11:15	91.Aptamer-based biosensors in the diagnosis of polycystic ovary syndrome: current advances and prospects for clinical application
Online	6	11:15–11:30	93.Artificial intelligence-enhanced fluorescence-guided surgery: real-time perfusion assessment, anatomical navigation, and prevention of postoperative complications
Online	7	11:30–11:45	100.Pregnancy in Celiac Disease and Its Relationship with The Immune System
Online	8	11:45–12:00	105.КОМПЛЕКСНАЯ ОЦЕНКА ФУНКЦИОНАЛЬНОГО СОСТОЯНИЯ И АДАПТАЦИОННЫХ РЕАКЦИЙ СЕРДЕЧНО-СОСУДИСТОЙ СИСТЕМЫ У СТУДЕНТОВ МЕДИЦИНСКОГО ВУЗА С ИСПОЛЬЗОВАНИЕМ КОМПЬЮТЕРИЗИРОВАННОГО АНАЛИЗА БИОСИГНАЛОВ
Online	9	12:00–12:15	510.Kütahya'nın Tavşanlı ilçesinde yetiştirilen Anadolu mandalarında (Bubalus bubalis) Cryptosporidium spp. yaygınlığının mikroskobik ve moleküler yöntemlerle araştırılması
Online	10	12:15–12:30	511.Kütahya'nın Tavşanlı ilçesinde yetiştirilen Anadolu mandalarında (Bubalus bubalis) Blastocystis spp.'nin moleküler olarak saptanması

Break(Lunch not Provided) 12:00–13:00 (Kazakhstan time, UTC+5)

SESSION 3 | 13:00–16:00 (Kazakhstan time, UTC+5)

13:00–16:00 | Online — **SESSION 3.1 – AGRICULTURAL SCIENCES AND TECHNOLOGIES**

NOHU-Chair:Dr. Sema Yaman Fırıncıoğulları Technical Staff:Res. Asst. Özlem Boran
Meeting (Microsoft Teams) link for oral presentation:
https://teams.microsoft.com/meet/376891431119551?p=UuAfLAu2p3rQC2ltsC

Format	No.	Kazakhstan time (UTC+5)	Paper ID and title
Online	1	13:00–13:15	340.Buğdayda Tohumluk Üretim Sınıf ve Kademeleri
Online	2	13:15–13:30	406.Tokat ilinde ceviz üretiminin gelişimi ve trend analizi
Online	3	13:30–13:45	204.THE USE OF ARTIFICIAL INTELLIGENCE AND HUMAN MOBILITY ANALYSIS FOR LONG-TERM PREDICTION OF INFECTIOUS DISEASE SPREAD
Online	4	13:45–14:00	205.Potential of spent coffee grounds as an organic amendment for black carrot germination: a dose-determination study
Online	5	14:00–14:15	208.Effects of Coffee Ground Waste on the Early-Stage Development of Radish
Online	6	14:15–14:30	211.Внедрение внутренней системы обеспечения качества в высших учебных заведениях Кыргызской Республики: проблемы, механизмы и перспективы
Online	7	14:30–14:45	218.Effects of Seaweed Extract on Yield and Physiological Responses of Cucumber under Salt Stress
Online	8	14:45–15:00	225.Интеграция систем распределённого реестра в нефтегазовой индустрии Казахстана как инструмент обеспечения прозрачности логистики углеводородного сырья
Online	9	15:00–15:15	233.Sustainable Hydroponic Lettuce Cultivation As An Innovative Strategy To Improve Food Security Under Climate Change In Bangladesh
Online	10	15:15–15:30	235.Melissopalynological Profile and Quality Parameters of Niğde Geven (Astragalus spp.) Honey with Registered Designation of Origin
Online	11	15:30–15:45	238.TÜRKİYE'DE HAŞHAŞ ÜRETİMİNİN ALAN, VERİM VE ÜRETİM DİNAMİKLERİ: 2000–2024 DÖNEMİNİN GENEL BİR DEĞERLENDİRMESİ
Online	12	15:45–16:00	266.A Bio-Biochemical Model for Predicting Rice Seed Vigor Under Temperature Stress: Integrating Antioxidant Defense, Reserve Mobilization and Germination Performance

13:00–14:30 | Online — **SESSION 3.2 – BIOTECHNOLOGY**

NOHU-Chair:Prof. Dr. Songül Budak Diler Technical Staff:Mohammed A. Salim.
Meeting (Microsoft Teams) link for oral presentation:
https://teams.microsoft.com/meet/3756012031533800?p=yhBG5hn4hwawZpGHsF

Format	No.	Kazakhstan time (UTC+5)	Paper ID and title
Online	1	13:00–13:15	438.FROM HOST RANGE TO HOST SPECIALIZATION: A MULTI-HOST INTERACTION MATRIX APPROACH FOR Fusarium oxysporum f. sp. ciceris
Online	2	13:15–13:30	447.Fındıkta tenuazonik asit: Bir Alternaria mikotoksini
Online	3	13:30–13:45	473.Kanser Aşıları: Önlemeden Kişiye Özel İmmünoterapiye – Mekanizmalar, Platformlar, Klinik Kanıtlar ve Gelecekteki Yönelimler
Online	4	13:45–14:00	475.A Dinuclear Chromium(III)–Benzidinedioxime Complex: Structural Characterization and Molecular Docking against Enzymes Associated with Aminoglycoside Resistance
Online	5	14:00–14:15	497.The Impacts of Climate Change on the Yield and Quality of Sugarcane Production
Online	6	14:15–14:30	116.An environmentally friendly insecticide approach using AgNPs produced via a phytosynthetic method for the control of Myzus persicae (Sulzer)

13:00–16:00 | Online — **SESSION 3.3 – COMPUTER ENGINEERING**

NOHU-Chair:Assoc. Prof. Dr. Ahmet Şakir DOKUZ Technical Staff:Res. Asst. Emre ERDOĞMUŞ
Meeting (Microsoft Teams) link for oral presentation:
https://teams.microsoft.com/meet/360174414233724?p=OnQyxussS8BIFgHiFi

Format	No.	Kazakhstan time (UTC+5)	Paper ID and title
Online	1	13:00–13:15	332.«Электр және магнетизм» бөлімін жасанды интеллект арқылы оқытуда 10-сынып оқушыларының сыни ойлауын дамыту мүмкіндіктері
Online	2	13:15–13:30	345.Comparative Evaluation of Different Whisper Models for YouTube Turkish News Speech Recognition under Diverse Acoustic Conditions
Online	3	13:30–13:45	357.Region-Level Directed Weighted Network Analysis of New York City Taxi Trip Data
Online	4	13:45–14:00	398.ЖАСАЛМА ИНТЕЛЛЕКТ: ТЕХНОЛОГИЯЛАР, ГЕНЕРАТИВДИК МОДЕЛДЕР ЖАНА БИЛИМ БЕРҮҮДӨ КОЛДОНУУ МҮМКҮНЧҮЛҮКТӨРҮ
Online	5	14:00–14:15	407.ЖАСАЛМА ИНТЕЛЛЕКТ ПЛАТФОРМАЛАРЫН ПЕДАГОГИКАЛЫК ОКУТУУ ЫКМАЛАРЫНДА КОЛДОНУУНУН МҮМКҮНЧҮЛҮКТӨРҮ
Online	6	14:15–14:30	433.Eigenvector crossover, rank-based selective pressure and the scale of the scaling factor in jSO: a factorial study on CEC benchmarks
Online	7	14:30–14:45	434.Optimizing a stop-loss and take-profit trading strategy on Borsa Istanbul with adaptive differential evolution
Online	8	14:45–15:00	198.Analysis of the Correspondence Between Students' Self-Assessed and Actual Knowledge in Informatics
Online	9	15:00–15:15	458.Data-Geometry-Dependent Parameter Efficiency and the Potential for Conditional Advantage in Hybrid Quantum Neural Networks
Online	10	15:15–15:30	20.Development of a Local Server Assembly and Quality Control Workflow in Kazakhstan
Online	11	15:30–15:45	21.Design of a Burn-In Testing and Fault Detection Framework for Locally Assembled Servers in Kazakhstan
Online	12	15:45–16:00	26.Progressive Feature Engineering for Solar Energy Forecasting: Model Complexity Trade-offs, SHAP Explainability, and Feature Ablation

13:00–15:00 | Online — SESSION 3.4 – ENVIRONMENTAL ENGINEERING

NOHU-Chair: Prof. Dr. Ece Ümmü DEVECİ Technical Staff:Hatice AKBULUT KESER
Meeting (Microsoft Teams) link for oral presentation:
https://teams.microsoft.com/meet/336779695400774?p=hF3UF2kxfphHSdquit

Format	No.	Kazakhstan time (UTC+5)	Paper ID and title
Online	1	13:00–13:15	432.Türkiye'de iklim değişikliği, su stresi ve iç göç: Kırsal doğal sermaye kaybından kentsel kaynak baskısına çevresel ekonomi temelli bir inceleme
Online	2	13:15–13:30	446.Application of Three Dimensional Laser Induced Fluorescence in Marine Outfall Laboratory Models
Online	3	13:30–13:45	350.Nanomaterial-assisted dark fermentative hydrogen production: a review of hydrogenase responses and electron transfer
Online	4	13:45–14:00	456.Çay Atıklarının Değerlendirilmesi: Fenolik Bileşiklerin Geri Kazanımı, Ekstraksiyon Teknolojileri ve Fonksiyonel Kullanım Potansiyeli
Online	5	14:00–14:15	460.Nutrient Recovery from Urban and Rural Organic Wastes in Türkiye: Opportunities and Challenges
Online	6	14:15–14:30	284.Türkiye'de metal hurda ticareti ve atık yönetiminin AB sınırda karbon düzenleme mekanizması çerçevesinde değerlendirilmesi
Online	7	14:30–14:45	239.Challenges and Perspectives for Drinking Water Treatment in Arid and Semi-Arid Regions: A Case Study of Burkina Faso
Online	8	14:45–15:00	243.Machine Learning Prediction of Conductivity, Temperature, and TSS in a Full-Scale Textile Wastewater Treatment Plant

13:00–16:00 | Online — SESSION 3.5 – FOOD ENGINEERING

NOHU-Chair:Assoc. Prof. Dr. Ayşe ÖZBEY Technical Staff:Res. Asst. Ayşenur İNCE
Meeting (Microsoft Teams) link for oral presentation:
https://teams.microsoft.com/meet/328842583343363?p=PLUbxIISBckGAiPhhd

Format	No.	Kazakhstan time (UTC+5)	Paper ID and title
Online	1	13:00–13:15	392.Comparative Nutritional and Technological Evaluation of Global Nomadic Heritage Meat Powders with Special Focus on Kyrgyz Gulazyk
Online	2	13:15–13:30	41.Evaluation of Fermented Silkworm Pupae Meal as a Viable Protein Source for Nile Tilapia (Oreochromis niloticus)
Online	3	13:30–13:45	413.Fiziko-kimyasal ve duyusal parametrelere dayalı kahve kalite tahmini çok değişkenli veri analizi ve makine öğrenmesi yaklaşımları
Online	4	13:45–14:00	498.Effects of Moringa oleifera leaf powder on the quality and functional properties of ovine stretched cheese
Online	5	14:00–14:15	505.ТАРЫНЫҢ ТАҒАМДЫҚ ЖӘНЕ ФУНКЦИОНАЛДЫҚ ӘЛЕУЕТІ: ҚҰРАМЫ, ҚАСИЕТТЕРІ ЖӘНЕ ЗАМАНУИ ӨҢДЕУ ТЕХНОЛОГИЯЛАРЫ
Online	6	14:15–14:30	506.Steviol glycosides as promising sugar substitutes in the production of confectionery products
Online	7	14:30–14:45	507.Пряниктердің сапасын арттыруда глазурьді қолдану: әдеби шолу
Online	8	14:45–15:00	508.Ұлттық таба нан өндіруде өздігінен ашитын ашымалды қолдануды зерттеу
Online	9	15:00–15:15	517.Сұлы печеньесінің тағамдық құндылығын апттыру перспективалары:заманауи зерттеулерге шолу
Online	10	15:15–15:30	518.Electrochemical sensors for pesticide residues in food: materials, detection limits and the place of the Turkic world
Online	11	15:30–15:45	519.Spirulina-enriched foods: incorporation level, sensory acceptance and the share of the Turkic world by product group
Online	12	15:45–16:00	308.Enhancement of Antioxidant and Phenolic Profiles in Functional Cheese through Ultrasound-Assisted Extraction and Lyophilization Technologies: A Systematic Review with Quantitative Evidence Mapping

13:00–16:00 | Online — SESSION 3.6 – MEDICINE

Chair:Prof.Dr. Hasan Hüseyin ARI Technical Staff:Asel DCALMAGOMBETOVA
Meeting (Microsoft Teams) link for oral presentation:
https://teams.microsoft.com/meet/3456058457786462?p=BBtQX6H3utQHX63h6G

Format	No.	Kazakhstan time (UTC+5)	Paper ID and title
Online	1	13:00–13:15	513.Effects of total mixed ration homogeneity and feed sorting assessed by portable NIR spectroscopy on metabolic and reproductive responses to a Presynch/Ovsynch protocol in lactating dairy cows
Online	2	13:15–13:30	514.The Morphological and morphometric a Study on Foot Pads of the Snow leopard (Pantera uncia)
Online	3	13:30–13:45	162.Multimodal Deep Neural Network with Dual-Tier Explainable AI for Early Detection of Congestive Heart Failure
Online	4	13:45–14:00	195.Efficacy of CUR delivered by nanovectors in a double-lamellar MG.AL hydroxide in a mouse model of inflammatory bowel disease
Online	5	14:00–14:15	212.Context-Dependent Effects of Oxytocin on Adolescent Social Behavior: A Narrative Review of Animal and Human Evidence
Online	6	14:15–14:30	229.Ketamine and Esketamine for Treatment-Resistant Depression: Mechanisms, Durability of Antidepressant Response and Safety Considerations in Clinical Practice
Online	7	14:30–14:45	230.Sleep Measurement and Cognitive Performance in Adolescents and Young Adults A Scoping Review
Online	8	14:45–15:00	260.Efficacy of CUR delivered by nanovectors in a double-lamellar MG.AL hydroxide in a mouse model of inflammatory bowel disease
Online	9	15:00–15:15	264.Heavy metal contamination of medicinal plants used during pregnancy and lactation: sources, health risk assessment and remediation strategies

Online	10	15:15–15:30	269.Интраабдоминалды инфекциялардағы анаэробтар: молекулалық диагностика мен фенотиптік сезімталдықты бағалаудың өзара толықтырушы рөлі
Online	11	15:30–15:45	292.Hormonal and Metabolic Changes in Health Workers: Comparing Night and Day Work
Online	12	15:45–16:00	306.PHARMACOGNOSTIC CHARACTERIZATION OF Eucalyptus cinerea USING CHROMATOGRAPHIC AND MICROSCOPIC METHODS

SESSION 4 | 16:00–18:30 (Kazakhstan time, UTC+5)

16:00–18:30 | Online — SESSION 4.1 – AGRICULTURAL SCIENCES AND TECHNOLOGIES

NOHU-Chair:Prof. Dr. Mustafa Avcı Technical Staff:Res. Asst.Nida Uysal
Meeting (Microsoft Teams) link for oral presentation:
https://teams.microsoft.com/meet/364105192332645?p=mCmIaNujCA83V9semR

Format	No.	Kazakhstan time (UTC+5)	Paper ID and title
Online	1	16:00–16:15	267.From Laboratory Indicators to Field Emergence: Evidence on Enzymatic Markers, Hydrothermal-Time Models and Hyperspectral Machine Learning for Cereal Seed Vigour Under Stress
Online	2	16:15–16:30	276.Sebzelerin Oksalat İçeriği: Birikim Faktörleri ve Azaltma Yöntemleri
Online	3	16:30–16:45	281.Heavy Metal Bioaccumulation and Mineral Composition in Cold-Water Fishes of the Upper Indus Basin, Pakistan
Online	4	16:45–17:00	290.Capture, Acclimatization, and Broodstock Development of Palla Fish (Tenualosa ilisha) under Controlled Water Conditions
Online	5	17:00–17:15	296.Effects of Different Biostimulants on Seed Germination and Seedling Growth of Lettuce (Lactuca sativa L.)
Online	6	17:15–17:30	53.Detection of Physiological Damage Caused by Water Stress in Plants Using Computer Vision-Assisted Systems
Online	7	17:30–17:45	305.Limits of machine learning and neighbouring-station information for drought forecasting across Türkiye: a benchmark against climatological ensembles
Online	8	17:45–18:00	110.Effects of different feed supplements on immunity and gut health in pre-weaned calves
Online	9	18:00–18:15	123.The Effects of Dietary Rumen-Degradable Protein on Growth Performance, Nitrogen Metabolism, and Rumen Microbiome in Dairy Cattle
Online	10	18:15–18:30	410.Türkiye incir üretiminde bölgesel değişim : iller düzeyinde değişim payı (shift - share) analizi

16:00–18:15 | Online — SESSION 4.2 – MEDICINE

Chair:Prof.Dr. Hasan Hüseyin ARI Technical Staff:Asel DCALMAGOMBETOVA
Meeting (Microsoft Teams) link for oral presentation:
https://teams.microsoft.com/meet/3677884021371149?p=9NVOotrFUeWahFtivJ

Format	No.	Kazakhstan time (UTC+5)	Paper ID and title
Online	1	16:00–16:15	377.Endothelial dysfunction and histological vascular remodelling in arterial hypertension
Online	2	16:15–16:30	378.Intestinal barrier dysfunction and histological changes of the mucosa in inflammatory bowel disease
Online	3	16:30–16:45	379.Effects of extreme heat and climate change on the risk of arrhythmias and acute cardiovascular events
Online	4	16:45–17:00	380.The influence of the maternal microbiome on the risk of preterm birth
Online	5	17:00–17:15	396.Способ лечения идиопатического гиперактивного мочевого пузыря и необструктивной задержки мочи после стрессовых воздействии на организм
Online	6	17:15–17:30	84.Drug Hypersensitivity: Clinical Diagnosis, Pharmaceutical Excipients, and Personalized Treatment
Online	7	17:30–17:45	81.The skin microbiome in the pathogenesis of acne in adolescents and young adults: current evidence and therapeutic perspectives
Online	8	17:45–18:00	515.PATHOMORPHOLOGICAL FEATURES OF THE ADRENAL GLANDS IN INDIVIDUALS WHO DIED FROM ACUTE CORONARY SYNDROME
Online	9	18:00–18:15	516.FORENSIC MEDICAL CHARACTERISTICS OF IATROGENIC INJURIES IN CHILDREN: CAUSES, MECHANISMS OF OCCURRENCE, AND CRITERIA FOR EXPERT EVALUATION