

19th December 2024 (Auditorium-Building: I, Floor: I, Room: Conference Hall)

09:00-10:00 REGISTRATION (Auditorium-Building: I, Floor: II, Room: H.Aliyev Center)

(Microsoft Teams) link:

<https://teams.microsoft.com/join/19%3aB8Bj54xGdnAeMILVokr8drQvH8Bj1OgoVZZ4i78xe1%40thread.tacv2/17312526737967?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%22ae65f2e1-55b9-4073-addf-f5cdd2277253%22%7d>

10:00-11:00 Azerbaijan Republic Time	<p>Plenary Session</p> <p>Welcome Speeches: Prof. Dr. Vilayat Mammad oğlu Valiyev - Rector of Azerbaijan Technical University (AZTU) Prof. Dr. Hasan Uslu - Rector of Niğde Ömer Halisdemir University (NOHU) Prof. Dr. Alpaslan Ceylan - Rector of Kyrgyz-Turkish Manas University (KTMU) Prof. Dr. Zhanar Temirbekova - Prof. Dr. Naci GENÇ - Rector of Ahmed Yesevi University (AYU) - Vice Rector of Ahmed Yesevi University (AYU) Prof. Dr. Murat Barut -NOHU Co-Chair in the names of Co-Chairs</p>
11:00-12:30 Azerbaijan Republic Time	<p>11:00-11:30 Prof.Dr. Mustafa GÜDEN (Face to Face) "MODELING THE IMPACT BEHAVIOR OF POLYCARBONATE (CANOPY) AGAINST BIRD IMPACT" Izmir Institute of Technology, Department of Mechanical Engineering Izmir, Türkiye</p> <p>The person who will introduce the invited speaker: Prof. Dr. Murat Barut</p> <p>11:30-12:00 Prof. Dr. Marco RIVERA (Face to Face) "Model Predictive Control for Power Converters and Electrical Drives" University of Nottingham, Department of Electrical Engineering Nottingham, United Kingdom</p> <p>The person who will introduce the invited speaker: Prof. Dr. Murat Barut</p> <p>12:00-12:30 Mechanical Engineer (M.Sc.) Adnan GÖRGÜLÜ (Online) "Review of the hydrogen production technologies from a business Perspective" Director of Hydrogen Compression Siemens Energy in Germany Germany</p> <p>The person who will introduce the invited speaker: Prof. Dr. Murat Barut</p>
Lunch 12:30-13:00-Azerbaijan Republic Time (AZTU Social Facilities)	
Dinner 19:00-Azerbaijan Republic Time (AZTU Social Facilities)	

19th December 2024(Hybrid)

SESSION 1: 13:30-17:30 (Azerbaijan Republic Time)

SESSION 1.1- AGRICULTURAL SCIENCES AND TECHNOLOGIES

Building: I, Floor: II, Room: H.Aliyev Center

NOHU-Chair: Prof. Dr. Halil Toktay and Dr. Ayten Kübra Yağz

Technical Staf: Associate Prof. Ibrahim Köken

Meeting (Microsoft Teams) link for oral presentation:

<https://teams.microsoft.com/join/19%3a8AgwAFi2RlQ9Fec044c1QbDzh9PpLvpr1B64oEgXmA1%40thread.tacv2/1731174108381?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%22ae65f2e1-55b9-4073-addf-f5cdd2277253%22%7d>

Azerbaijan Republic Time/Thursday

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| 1. 13:30-13:45 | 232. Nano Iron-Oxide Improves the Physiological Traits of Soybean - Ahmet Buğrahan AKBIYIK Ayten Kübra YAĞIZ (FACE TO FACE) |
| 2. 13:45-14:00 | 239. Asospirillum brasilense Bakterisinin Patateste in vitro Mikroçğaltım Performansı Üzerine Etkenleri - Ashar ABDIMALIKOVA Mehmet Emin CALISKAN (FACE TO FACE) |
| 3. 14:00-14:15 | 4. Using Locally Available Black Seeds (Nigella sativa) in Part Place of Fish Meal for Rohu Fingerlings - Fatima yasin Muhammad Mudassar Shahzad |
| 4. 14:15-14:30 | 12. Advancements in soya feed by Agropole: task 1 outcomes for EU protein assurance - Muhammad Umair Asghar Qurat ul ain Sajid Mariusz Grzedzicki Anna Suda Maciej Zglenicki Damian Konkol M. Gumowski Martyna Wilk Mariusz Korczyński |
| 5. 14:30-14:45 | 54. RNA Interference (RNAi) and Clustered Regularly Interspaced Short Palindromic Repeats (CRISPR) Cas9 Approaches in Obtaining Male Sterile Plants - Merve Tekinsoy Caner Yavuz Mehmet Emin Çalışkan |
| 6. 14:45-15:00 | 66. Phytobiotics in Poultry Nutrition: A Path Towards Sustainable Farming and Antibiotic-Free Production - Muhammad Umair Asghar Qurat ul ain Sajid Sibel Canoğulları Doğan Sema Yaman Fıncıoğlu Muhammad Waqar Mariusz Korczyński Martyna Wilk |
| 7. 15:00-15:15 | 76. Azelaik Asit Ön Uygulamasının (Priming) Tuz Stresi Altındaki Arpa (Hordeum vulgare L.) Tohumlarında Çimlenme ve Bazı Fide Parametreleri Üzerine Etkisi - ASLI GÜLEÇ ARAS TÜRKÖĞLU NURCAN YAVUZ |
| 8. 15:15-15:30 | 78. Kesme Çiçeklerin Vazo Ömrünün Uzatılmasında Bitki Islahının Önemi - EZGİ DOĞAN MERAL |
| 9. 15:30-15:45 | 327. Investigation of Virioids Causing Diseases in Grapevine (Vitis vinifera L.) - Cigdem Ulubas Serce Kadriye Yurtarslan |
| 10. 15:45-16:00 | 83. Herbicide resistant weeds in potato fields: Identification and implications - Mona Sayyah Khawar Jabran |
| 11. 16:00-16:15 | 105. Heterodera schachtlii (Schmidt, 1871) (Nematoda: Heteroderidae)'nin Niğde İll Şeker Pançarı Üretim Alanlarında Yapılan Popülasyon Takibi - Gülşüm Badel Akyol Mustafa İmren Halil Toktay |
| 12. 16:15-16:30 | 257. Mısır üretiminde teknoloji kullanımını - Etem ŞEKER Seda GÜRÜN Emine İKİKAT TÜMER |
| 13. 16:30-16:45 | 260. Tarım Sektöründe Kadın İlgücü - Zeynep Ece Erdoğan Emine İKİKAT TÜMER Ezgi Aşikeli |

SESSION 1

SESSION 1.2- BIOLOGY
Building: I, Floor: II, Room: Small Conference Hall
NOHU-Chair: Prof. Dr. Tülay EZER and Assistant Prof. Cihan DÜŞGÜN
Technical Staf: Ziya İNAN

Meeting (Microsoft Teams) link for oral presentation:

<https://teams.microsoft.com/j/meetup-join/19%3a2r8LxXFz0iGzAmRll-dv-Pl05h9WzcvyNlfYdjdgt%40thread.tacv2/1731175921285?context=%7b%221d%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%220id%22%3a%22ae65f2e1-55b9-4073-adff-f5cdd2277253%22%7d>

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27. Bolkar Dağları'ndan C13 Karesi için Yeni Kayıt Briyofitler - TÜLAY EZER AHMET UYGUR ALI KESKİN HARUN ÇULHA ZÜLEYHA ASLAN ERGENEKON MEVLÜT ALATAŞ NEVZAT BATAN (FACE TO FACE)
 284. Antioxidant Properties and Total Phenolic Contents of Kombucha Prepared with Glycyrrhiza glabra - Cihan Düşgün Yavuz Baran (FACE TO FACE)
 5. Prozercon katae'nin (Acari: Zerconidae) Türkiye'den ilk kaydı - Davut Rıza Bulut Raşit Urhan Mehmet Karaca
 31. Bioecological and Faunistic Research on Bombus (Latreille, 1802) Species in Nevşehir Province and Surroundings of Cappadocia Region - Aysel Kekilliğül Zekerya Bıçak
 38. Kirgizistanda deniz topalak (hippophae rhamnoides) bitkisi mevcut durumu - Nazgül İmanberdieva Canlı Baktıbek kızı
 46. Festuca steppes of the high mountain Ak-Sai valley in the Inner Tien-Shan of Kyrgyzstan - Nazgul İmanberdieva Bermet Kydryalleva
 61. Morphological features of the digestive system of pheasants (Phasianus colchicus mongolicus) - Nurbek Aldayarov Zhanara Nurbekova
 139. Current Methods of Analysis in Molecular Biology - Rose Sadykova Gani İssayev Zeliha Selamoğlu
 141. Study of Lipid Peroxidation Indices and Activity of Antioxidant Defense Enzymes - Gulbubu Kurmanbekova Salkyn Beyshealieva Nurzhama Omurzakova Bermet Kydryalleva
 168. Ekstrem Habitat Olan Kaya Likeninden İzole Edilen Funguslar İle Kongo Red Ve Malaçit Green Boyalarının Renk Gideriminin Belirlenmesi - Burak Güçlü Özlem Gülmez
 185. Burdur Gölü Ramsar Alanı Hakkında Bir Değerlendirme - Hasan ÖZÇELİK Esra ŞENGÜN
 200. Memeli genomlarındaki transpozonlar - Venera Arstanaly kyzy Kadyrbal Çekirov
 228. The Relationship Between E3-Ubiquitin Ligase APUB18 and Glutathione-Related Enzymes in Response To ABA-Mediated Drought Stress in Plants - UMUT BAGCI AZIME GOKCE ZULAL AKBA FIRUZE TOPAKLI ASKIM HEDİYE SEKME CETİNEL
 237. Interesting moss record from Bolkar Mountains (Türkiye) - Tülay Ezer Züleyha Aslan Ergenekon Ahmet Uygur Harun Çulha Ali Keskin Nevzat Batan Mevlüt Alataş
 251. Investigation of genetic diversity in glyphosate-resistant Conyza bonariensis populations using SSR markers - Emine Kaya Altop Sine Kaya
 281. Cyrba algerina (Lucas, 1846) (ARANEAE: SALTICIDAE) TÜRÜNÜN SETA MORFOLOJİSİNİN ARAŞTIRILMASI - Osman Seyyar Hakan Demir

SESSION 1.3- BIOTECHNOLOGY
Building: I, Floor: IV, Room: 401
NOHU-Chair: Prof. Dr. Bengü Türkylmaz Ünal and Assistant Prof.Tuba Artan Onat
Technical Staf: Research Assistant İlkay Civelek

Meeting (Microsoft Teams) link for oral presentation:

<https://teams.microsoft.com/j/meetup-join/19%3a IQZuGp2q5N-SRQ5xbotXl08rFSNtjwnbapıdız3AE1%40thread.tacv2/1731176325775?context=%7b%221d%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%220id%22%3a%22ae65f2e1-55b9-4073-adff-f5cdd2277253%22%7d>

Azerbaijan Republic Time/Thursday

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150. Isolation and Characterization of Medium Halophilic Nitrogen-Fixing Bacteria From Saline Soils and The Enzyme Activities in These Bacteria - Yaira Rakhmetova Muhammad Yasir Naeem Tulkinzhon Gaipov Gaipov Zeliha Selamoğlu
 164. Metallerin Fungal Polisakkaritlerin Üretimi Ve Antioksidan Kapasitesi Üzerine Etkisi - Özlem Gülmez Ebru Zenginçioğlu Özlem Barış
 202. Memeli genomlarındaki transpozonlar - Venera Venera Arstanaly kyzy Kadyrbal Çekirov
 205. Use of copper nanoparticles as biocontrol agents against aphids - Ergün ERGENEKON Murat ÖZDAL Haluk Kemal NARMANLIOĞLU Ömer Köksal ERMAN
 211. Fumonisin B1 toksinine karşı Arabidopsis thaliana'nın ROS dengesinin düzenlenmesinde Gigantea (Gt) Geninin rolü - Zülal Akba Azime Gökçe Umur Bağcı Aşkim Hediye Çetinel
 309. Importance of Allelopathy in Forest Plants - Hüseyin Türker Fatma Buse Bıyık
 328. Bacterial Isolation and Antibiotic resistance Profiling with Vitek 2, Colistin Susceptibility via Broth Microdilution, Nigde (2022-2024) - Mohammed A. Salim Shahana Aktar Ramadan Kökülu Songül Budak Diler
 17. Effects of drought stress and UV-B priming on growth parameters and photosynthetic pigment amounts in pepper - Sümeyra Altıntaş Bengü Türkylmaz Ünal
 21. Sustainable use of Thymus species - Şükrü Nedim Beyoğlu Faheem Khan Bengü Türkylmaz Ünal
 117. Körfarelerde Hipoksik ve Normoksik Koşullarda Crebbp Gen Ekspresyonunun Araştırılması - Dilara YILDIZBAŞ İlay CİVELEK Burcu KÖSE Teoman KANKILIÇ
 120. Artificial Intelligent Applications in Biotechnology - Bolat Seidanov Marjan Maulen Gulnazira Koshanova Zeliha Selamoğlu

SESSION 1.4- CHEMISTRY
Building: I, Floor: IV, Room: 429
NOHU-Chair: Prof. Dr. Yavuz SÜRME and Prof. Dr. Ersen TURAC
Technical Staf: Research Assistant Gizem KAHVE YILDIRIM

Meeting (Microsoft Teams) link for oral presentation:

<https://teams.microsoft.com/j/meetup-join/19%3a-urkSb7-Qp-b4TbF5yQSRG31NyhncKcOmIOaid51%40thread.tacv2/1731176530558?context=%7b%221d%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%220id%22%3a%22ae65f2e1-55b9-4073-adff-f5cdd2277253%22%7d>

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16. Aktriklik iplik kompozisyonundaki yün lifi oranının iplik mukavemeti özelliğine etkisi - Ferhan Gebeş Emel Küçükoğlu Kenan Yıldırım (FACE TO FACE)
 104. The Effect Of Fe3O4 Modified Carbon Nanotubes On The Properties Of Poly (Vinyl Chloride) - Ömer Faruk Senturk Slawomir Wilczewski Magdalena Osial Cumhur Gokhan Unlu (FACE TO FACE)
 176. Synthesis and Characterization of a New Type of Cu-Ag/DT@TiO2 Nanocomposite via Green Synthesis Method Using Tomato Waste - Emine Tibikoğlu İNCİ ÜNLÜ Rifat Battaloğlu (FACE TO FACE)
 178. İyonotropik Jelasyon İle Organik Atıkların Etkili Kapsülasyonu - Ersen Turac Kemal Karadağ İNCİ ÜNLÜ (FACE TO FACE)
 182. INVESTIGATION OF MULTIFUNCTIONAL PROPERTIES OF CeO2@TiO2 NANOCOMPOSITE MATERIALS - İNCİ ÜNLÜ FATMA KILIÇ DOKAN Rifat Battaloğlu Ertuğrul ŞAHMETLİOĞLU (FACE TO FACE)
 224. Green synthesis of silver nanoparticle using tomato (Solanum lycopersicum) peel extract for colorimetric detection of heavy metals - Sukru Gokhan Elci (FACE TO FACE)
 217. ENERGY OBTAINING FROM GRAPHENE-POLYMER NANOCOMPOSITIES WITH ELECTROSPINNING FOR WEARABLE DEVICES - Çiğdem YENER Levent PARALI Cumhur Gökhan ÜNLÜ
 170. Hibrit Triazollerin Sentezi ve Kolinesteraz Aktivitelerinin Araştırılması - Ceren CUMA Kalipa SALİEVA Bakyt BORKOEV Mustafa Çeşme Ferhan Tümer
 175. Removal of heavy metal pollution in water by using filter coffee waste - Beyza Bulgur Gizem Kahve Yıldırım Yavuz Sürme
 98. Investigation of the Phenolic Components of Damkoruğu (P. sediforme) by Analytical Methods and Evaluation of its Cytotoxic Effect - Gamze Yıldız Önder Aybastır
 95. Environmental Stress Cracking Behaviour of Polymers Used in Military Communication Systems - Samet Kaya Hacı Abdullah Taşdemir
 128. In Situ Synthesis, Encapsulation in Arabinosyan and Release Kinetics of Microcrystalline Copper(II)-Aspirinate - Prof. Khan
 167. Immobilization of feruloyl esterase enzyme on different supports - Ramadan Bilgin Çiğdem Çetin Deniz Yıldırım

SESSION 1.5- CIVIL ENGINEERING
Building: I, Floor: III, Room: 329
NOHU-Chair: Associate Prof. Hakan Karaca and Associate Prof. Firdevs Uysal
Technical Staf: Research Assistant Yunus Emre Kebeli

Meeting (Microsoft Teams) link for oral presentation:

https://teams.microsoft.com/j/meetup-join/19%3aur5e4hOIRQR1oR0wYTSREK_K176vBhJKH7WwvVY1%40thread.tacv2/1731179118573?context=%7b%221d%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%220id%22%3a%22ae65f2e1-55b9-4073-adff-f5cdd2277253%22%7d

Azerbaijan Republic Time/Thursday

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14. İğnibirirli Taş Ocağı Atığının Geopolimer Yapı Malzemesi Olarak Kullanımı - Ahmet BİLGİL (FACE TO FACE)
 11. 6 SUBAT 2023 KAHRAMANMARAŞ DEPREMLERİ SONRASI OSMANİYE İLİNDE YAPILAN SAHA GÖZLEMLERİ VE DEĞERLENDİRMELER - Firdevs Uysal Mustafa Korkanç (FACE TO FACE)
 216. Atık PET Agregalı Hafif Betonun Fiziko-Mekanik Özelliklerinin İncelenmesi - Semiha Akçaçoğlu Muhammed Ömer Çetin (FACE TO FACE)
 55. Metakoaalin, yüksek firm çürüf ve uçucu kül katkısının beton hidratasyon sıcaklığına etkisi - Kubilay Akçaçoğlu Sümeyye Özcan Mehmet Akif Nebioğulları (FACE TO FACE)
 49. Afet Yönetiminde Sorumluluk Üzerine İrdeleme ve Depremler - Hakan Karaca (FACE TO FACE)
 144. ÇÖK KATLI TÜNEL KALIP BİNALARIN DOĞRUSAL OLMAYAN ANALİZİ - Edwin Thana Metin Hakan Severcan İbrahim Özgür Deneme (FACE TO FACE)

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- 7. 15:00-15:15
- 8. 15:15-15:30
- 9. 15:30-15:45
- 10. 15:45-16:00

- 48. Production of synthetic wollastonite with a high aspect ratio - Hasan Erhan YÜCEL Muhammet ALTUNTAŞ
- 22. Yangma maruz kalan betonarme kolonların taşıma gücü - Hakan ERDEM Erdem GÜVENÇ
- 7. Estimating Swelling Potential of Clays by a New Modeling Approach - Erdal Çoçka Didem Öget
- 111. ÖTMƏ ŞƏRTİNƏ GÖRƏ GÖRÜNÜŞ MƏSƏFƏSİNİN HƏRƏKƏT TƏHLÜKƏSİZLİYİNƏ TƏSİRİ - Allahverdi Şerifov

SESSION 1

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<https://teams.microsoft.com/l/meetup-join/19%3aSmSXEpMD-C7tqNcD9XHbpmXTCu45rOrOxH7yNbc1%40thread.tacv2/1731179873395?context=%7b%22Tid%22%3a%22da8f107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%22ae65f2e1-55b9-4073-adff-f5cdd2277253%22%7d>

Azerbaijan Republic Time/Thursday

- 288. A Rain Droplet Removal Method for Enhancing Image Quality Using Autoencoder - Fatma Ozge Ozkok (FACE TO FACE)
- 247. Multi-Exposure Image Fusion based on Illumination Map Clustering - Ahmet Nusret Toprak (FACE TO FACE)
- 341. ПОДДЕРЖКА КЫРГЫЗСКОГО ЯЗЫКА В ЦИФРОВОЙ СРЕДЕ: РАЗРАБОТКА ЧАТБОТА С ПРИМЕНЕНИЕМ LLM - Б. Кумарбай у
- 91. Credit Scoring Based on Cash Flow Table Using Machine Learning: An XGBoost Approach - Emin Mammadzada Matanat Hasangulyeva
- 94. Karnabaħar Yapraklarındaki Hastalıkların Derin Öğrenme Yöntemleri ile Sınıflandırılmasında Veri Çoğullama Yöntemlerinin Etkisi - Emrullah POLAT Tayyip ÖZCAN Hakan AKTAŞ
- 131. ADVANTAGES OF USING ARTIFICIAL INTELLIGENCE TOOLS IN EDUCATION - Gulnazira Koshanova Zhuldyz Zulpharova
- 140. Water Consumption Estimation from Historical Data and Correlation with Population - Nuh Aginoglu Mehmet Hakan Kip
- 189. Classical Cuing Algorithms Simulation in Matlab - Berk YAĞCIOĞLU Yusuf ŞAHİN
- 67. Machine Learning-based sentiment analysis in combating misinformation: techniques, challenges, and applications - Basit Abdul Wahab George Essah Yaw Okai Abdul-Majeed Osman Ebenezer Junior Afful
- 35. Spatial evolution of the epileptiform phase at the mesoscopic network scale - Sergey Borisenok
- 253. Wind and Solar Energy Prediction Using Machine Learning Algorithms - Ayse Erdogmus Murat Göktek
- 256. Digitalization as an integral part of the development of the east-west corridor - Bakhtiyar Namazov Rustam Khalilev
- 302. Sosyal Medyada Siber Suç Farkındalık Ölçeği (CASM-S) Sosyal Medyada Siber Suç Farkındalık Ölçeği (CASM-S) - Guliza Taalibekova Gulshat Muhametjanova
- 319. Introduction Overview of Tools and Techniques for Managing and Analyzing Big Data - Deepika NA Dr. Ranjit Singh

SESSION 1.6- COMPUTER ENGINEERING
 Building: I, Floor: I, Room: Conference Hall
 NOHU-Chair: Doç. Dr. Erkan ÇALIŞKAN and Assistant Prof. Yeşim DOKUZ
 Technical Staf: Research Assistant Ayşe ERDOĞMUŞ

Meeting (Microsoft Teams) link for oral presentation:

<https://teams.microsoft.com/l/meetup-join/19%3aSmSXEpMD-C7tqNcD9XHbpmXTCu45rOrOxH7yNbc1%40thread.tacv2/1731179873395?context=%7b%22Tid%22%3a%22da8f107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%22ae65f2e1-55b9-4073-adff-f5cdd2277253%22%7d>

SESSION 1

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<https://teams.microsoft.com/l/meetup-join/19%3aPcre8xi2Vl05aE2NP911e0r-VLzPIREu5o48vFvdyAE1%40thread.tacv2/1731180442546?context=%7b%22Tid%22%3a%22da8f107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%22ae65f2e1-55b9-4073-adff-f5cdd2277253%22%7d>

Azerbaijan Republic Time/Thursday

- 10. Sabit internet erişiminde kullanılan iletim ortamları ve eve kadar fiber (ftth) kavramı - Bekir Sami TEZEKİCI Turgay KARACAN
- 25. On a biometrical hash-based digital signature scheme - Nazym Kaziyeva Ruslan Ospanov Altyn Aikeyeva Dmitry Zernov
- 47. Design of a Fitzhugh-Nagumo neuron model based spiking neural network and its application for the XOR pattern recognition task - Obeld ABDALLA Ahmet Yasin BARAN Nimet KORKMAZ Recai KILIÇ
- 56. System-level Optimization of Predictive Torque Controlled Induction Motor Drive Using Lightning Search Algorithm - Recep Yildiz Ridvan Demir Emrah Zerdali Murat Barut
- 69. Real-time remote prediction of cable breaks in telecommunication systems - Eyram Dela Kuwornu Basit Abdul Wahab Abdel-Fatao Hamidu
- 72. Gürbüz Çevirim İçli Sansürleme Tabanlı Kompleks-Değerli Adaptif Filtreleme Algoritması - Buket Çolak Güvenç Yusuf Eren Engin Cemal Mengüç
- 90. Simulation-Based Microwave Imaging of Simplified Human Neck Model Using DAS Algorithm - Rıza Erhan AKDOĞAN Yasemin ALTUNCU
- 122. Research and analysis of the quality of functioning telecommunication systems using MIMO technology - Bayram Ibrahimov
- 130. The Impact of 6G in the Industry 5.0 - Alperen CENGİZ Mehmet BİLİM Yasin KABALCI
- 154. Research into the quality of functioning telecommunication systems using MIMO technology - Bayram Ibrahimov
- 181. The Digital Twin Concept in the 6G Era: Transforming Communication and Beyond - Alperen CENGİZ Mehmet BİLİM Yasin KABALCI
- 263. Pattern Optimization of MIMO Radar Antenna Array with IDE Algorithm - Suad Basbug Gulden Gunay Bulut Oner
- 266. Modbus Protokolüne Dayalı Bir Endüstriyel Giriş-Çıkış Kartının Tasarımı ve Test Edilmesi - Durmuş Erdoğan Murat Barut Recep Yildiz
- 307. Phase-Tuned Rainbow Trapping in Low-Symmetry Coupled Cavity Waveguides - Hasan Oğuz Zekeriya Mehmet Yüksel Oğuz Onder Karakılınc Mirbek Turdvey Halil Berberoglu Muzaffer Adak Sevgi Ozdemir Kart
- 315. The Effect of Measured Current Usage in Conventional Sliding Mode Observer over Induction Motor Speed Estimation - Halil Burak Demir Murat Barut Recep Yildiz

SESSION 1.8- ENVIRONMENTAL ENGINEERING
 Building: I, Floor: IV, Room: 424
 NOHU-Chair: Prof. Dr. Fehiman ÇİNER and Prof. Dr. Neslihan Doğan Sağlamlımur
 Technical Staf: Research Assistant Kemal Ulusoy

Meeting (Microsoft Teams) link for oral presentation:

<https://teams.microsoft.com/l/meetup-join/19%3ampBDD53EV3wKImcaCBek3E8V0izUcoSulcyvJbPeR1%40thread.tacv2/1731180842585?context=%7b%22Tid%22%3a%22da8f107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%22ae65f2e1-55b9-4073-adff-f5cdd2277253%22%7d>

Azerbaijan Republic Time/Thursday

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- 13. 16:30-16:45
- 14. 16:45-17:00

- 114. Toprak yüzeyine poliakrilamid uygulamasının yüzeyel akışta azot ve fosfor taşınımına etkileri - Selma Yaşar Korkanç Halil Şahin (FACE TO FACE)
- 373. Çevre ve sürdürülebilirlik için matematiksel yaklaşım - Güldem Yıldız Neslihan Doğan Sağlamlımur (FACE TO FACE)
- 276. Avrupa Birliği Mavi Mutabakatı: Su Yönetimine Yeni Bir Yaklaşım - Fehiman ÇİNER (FACE TO FACE)
- 39. Geopolymers for marine applications: a path to eco-friendly and resilient structures - Kinga Korniejenko Janusz Mikula Barbara Kozub Thomas Grab
- 124. Reuse of organic waste: chestnut and acorn husks - Aelita Kypchakova Nurzat Shaikieva Mustafa Dolaz Janyl Iskakova
- 153. Hydrogeochemistry and human health risk assessment of fluoridated groundwater in some parts of the Voltaian Supergroup, northern Ghana - Onesimus D. Zeon Emmanuel Daanoba Sunkari Asare Asante-Annor Samuel Nunoo Abayneh Ataro Ambushe
- 190. MONITORING OF WATER QUALITY IN THE RIVERS OF THE TALAS REGION, KYRGYZSTAN - Kalipa Salieva Ferhan Tumer Bakyt Borkeov Ziyadat Salieva
- 215. Investigation of size-fractionated aerosol particles in uranium mining area, North Kazakhstan - Assel Bagramova Kassym Zhumadilov Aya Sakaguchi
- 258. Kahramanmaraş Sütcü İmam Üniversitesinde Öğrencilerin Yeşil Ürün Algısı - Emine İKİKAT TÜMER Seda GÜRÜN Seda Ülkü KOCA
- 268. Determining the thermal load of industrial treatment sludge for the incineration - Beyza Nur Cive Ecem Kavaşan Nisanur Ateş Naim Sezgin
- 375. Possibilities of integrating the experience of the European Union and Israel in sustainable water resources management in Azerbaijan - Natig Pasha Fahraddin Yusubov
- 44. Detoxification of Toxic Organic Oils and Gas Phase Carbon Footprint Assessment - Timur Maimekov Damira Sambaeva Zarlik Maimekov Nurbek Zheenbaev Kubat Kemelov
- 389. ASSESSMENT OF CONTAMINATION AND ACCUMULATION OF HEAVY METALS IN SEDIMENTS OF LAKE ISSYK-KUL - Eliza Alieva Nurzat Totubaeva
- 64. The Impact of Carbon Emission on Natural Life in World - maliha afreen M. Cunevt Bağdatlı Bağdatlı

SESSION 1

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SESSION 1.9-FOOD ENGINEERING
Building: IV, Floor: II, Room: 216
NOHU-Chair: Associate Prof. EMRE YAVUZER and Research Assistant Mehmet YETİŞEN
Technical Staf: Research Assistant Ayşenur İNCE

Meeting (Microsoft Teams) link for oral presentation:

<https://teams.microsoft.com/join/19%3a1G6qomBtfqbbVVPaXlYaa0I4WdQ9vZD30jGStfc1%40thread.tacv2/1731181250677?context=%7b%22id%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22oid%22%3a%22ae65f2e1-55b9-4073-adff-f5cdd227253%22%7d>

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| <ol style="list-style-type: none"> 1. 13:30-13:45 2. 13:45-14:00 3. 14:00-14:15 4. 14:15-14:30 5. 14:30-14:45 6. 14:45-15:00 7. 15:00-15:15 8. 15:15-15:30 9. 15:30-15:45 10. 15:45-16:00 11. 16:00-16:15 12. 16:15-16:30 13. 16:30-16:45 14. 16:45-17:00 15. 17:00-17:15 | <ol style="list-style-type: none"> 52. Regularities of structure formation of curd of khainak milk in the presence of carrot and pumpkin puree - Rimma Elemenova Mukarama Musulmanova (FACE TO FACE) 74. Atık bulgur unu tozlarının Tarhana üretiminde mikrobiyal gelişim üzerine etkisi - Hasan TANGÜLER Muhammet Çağrı KILIÇ (FACE TO FACE) 43. Mikrodalga Vakum Evaporasyon Yöntemi Kullanılarak Üretilen Keçiboynuzu Pekmezinin Kalite Özelliklerinin İncelenmesi - Burak Ertuğrul Katibe Sinem Coruk Hande Baltacıoğlu (FACE TO FACE) 20. İçde Ekstraksiyonunda Askorbik Asit ve Renk Değerlerinin İncelenmesi - Betül Temizsoy Mehmet Yetişen Cem Baltacıoğlu (FACE TO FACE) 41. The effects of edible films enriched with green apple peel extract on the color quality of carp burgers - ROWIDA KHALILY İlnur UCAK 42. Effect of gelatin films supplemented with citrus peel extract on the color quality of chicken burgers - Farhat Khalily İlnur Ucak 36. Comparison of the drying methods and their effect on quality of dried forest berries - Janyl Iskakova Jamila Smanalieva 37. Arduino mikrokontrolör tabanlı çalışan sensörler ve makine öğrenimi ile hamsi kalitesinin hızlı belirleneceği tazelik belirleme kutusu geliştirilmesi - Emre Yavuzer Mehmet Yetişen Mehmet Kürşat Yalçın Dilek Yaprak Uslu Memduh Köse 96. Textural and physical properties of biscuits made from wheat-susame composite dough - Zuhail Alkay YUNUS EMRE TUNCIL Enes Dertli 107. Antioxidant capacity, total polyphenol and vitamin C content of dried apricots from Kyrgyzstan - Jamila Smanalieva Janyl Iskakova Uwe Schwarzenbolz Thomas Henle 112. Edible Insects: Processing Technologies for Powder Production - İŞİL BARUTÇU MAZİ 358. Respected Sir I kindly request to you for considering the submission of all of these articles for Turk-COSE 2024 conference. I shall be very grateful to you. Sorry for the little delay, as formatting took some time. Consider all these articles for th - Pajtimi Bytyçi Romina Koto Hazir Çadraku 148. Piliç Salamın Tekstürel Özellikleri Üzerine Ölçüm Parametrelerinin Etkisi - Semiha SARAÇ Hilal SOYOCAK Sadettin TURHAN 374. Enriching yeast-free bread with germinated mung beans - Nasyikat Askatova 19. İçdenin Biyoaktif Bileşiklerinin Çevre Dostu Ekstraksiyon Yöntemi ile Belirlenmesi - Betül Temizsoy Mehmet Yetişen Cem Baltacıoğlu |
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SESSION 1.10- GEOLOGICAL, GEOTECHNICAL AND MINING ENGINEERING
Building: IV, Floor: II, Room: 210

NOHU-Chair: Associate Prof. SERKAN ÇAVIRLI and Associate Prof. MURAT ÇİFLİKLİ
Technical Staf: Obaidullah Andar

Meeting (Microsoft Teams) link for oral presentation:

https://teams.microsoft.com/join/19%3a9PlzH0IqJDUpzVNIzVlBvA58gkLM_yi4LTDyB7VU1%40thread.tacv2/1731181605599?context=%7b%22id%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22oid%22%3a%22ae65f2e1-55b9-4073-adff-f5cdd227253%22%7d

Azerbaijan Republic Time/Thursday

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| <ol style="list-style-type: none"> 1. 13:30-13:45 2. 13:45-14:00 3. 14:00-14:15 4. 14:15-14:30 5. 14:30-14:45 6. 14:45-15:00 7. 15:00-15:15 8. 15:15-15:30 9. 15:30-15:45 10. 15:45-16:00 11. 16:00-16:15 12. 16:15-16:30 | <ol style="list-style-type: none"> 70. Lithological and mineralogical characteristics of graphite ore from the Kambale graphite deposit in the Wa-Lawra belt, Ghana: implications from petrography and scanning electron microscopic studies - Emmanuel Daanoba Sunkari Daniel Senne George Asamoah-Boadu Etonnam Bani Fidonu Yilmaz Demir Salaam Jansbaka Adams (FACE TO FACE) 160. Hasköy Kilisesinde Malzeme Bozunmaları - Mustafa Korkanç (FACE TO FACE) 174. Yüksek Basınç Dayanımına Sahip Bazı Kayaların Dokusal Özellikleri ile Aşındırıcılıkları Arasındaki İlişkilerin Araştırılması - Ramazan Çomaklı (FACE TO FACE) 297. Alkali ortamda NaCl ile Çinko-Kurşun kazanımının araştırılması - Emine YÖĞÜRTÇÜOĞLU Murat GÖKLER (FACE TO FACE) 311. Titreşimli Değirmende Besleme Boyutunun Öğütme Etkisi - Metin Uçurum Öner Yusuf Toraman (FACE TO FACE) 8. ALÇI VE ALÇIPAN İMALATI - ÖNER YUSUF TORAMAN (FACE TO FACE) 152. Hydrogeochemical appraisal of the co-occurrence of fluoride and nitrate in groundwater of Gushegu Municipality in the Northern Region, Ghana: implication for human health risk assessment - Emmanuel Daanoba Sunkari Yvonne Beniywah Otoo Moses Boakye Okyere 85. Hydrogeochemical characterization and quality assessment of groundwater in the Nkwanta District of the Oti Region, Ghana - Emmanuel Daanoba Sunkari Kamal Deen Osman 298. Niğde Bölgesine Ait Kalitelerin Jeolojik Özelliklerine Göre Plastik Endüstrisinde. Utilization and Performance Evaluation of Calcite from Niğde Regions in Plastic Industry According to Geological Properties - Murat Çiflikli Özgür Gökçe 273. Analysis of the properties of welds fabricated using the robotic system - Bartlomiej Solarz 192. CHARACTERISTICS, PROPERTIES AND APPLICATION OF CERAMIC RAW MATERIALS IN SOUTHERN KYRGYZSTAN - Bakyt Borkoev Ferhan Tumer Kalipa Saliyeva Gulzada Kalykova 58. The Role of Google Earth Engine and Remote Sensing Techniques in Determining Forest Fire Severity: The Case of 2021 Bodrum and Milas Fire in Turkey - Münevver Gizem GÜMÜŞ Tolga KAYNAK |
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SESSION 1.11- MATHEMATICS
Building: IV, Floor: I, Room: 102

NOHU-Chair: Associate Prof. Mesut Karabacak and Dr. Muhammet Emin Batuhan
Technical Staf: Dr. Atilla Karabacak

Meeting (Microsoft Teams) link for oral presentation:

<https://teams.microsoft.com/join/19%3a2vuzqUvD20d9-Oypq4bbTAIbey1NRtccxFuqZbak1%40thread.tacv2/1731181942229?context=%7b%22id%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22oid%22%3a%22ae65f2e1-55b9-4073-adff-f5cdd227253%22%7d>

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SESSION 1.12- MECHANICAL ENGINEERING
Building: VI, Floor: IV, Room: 415

NOHU-Chair: Prof. Dr. Bora Timurkutluk and Dr. Öğr. Üyesi Hakan Pekel
Technical Staf: Research Assistant Habip Gökay Korkmaz

Meeting (Microsoft Teams) link for oral presentation:

<https://teams.microsoft.com/join/19%3aank0t3eUviAVzVD3IDvZm66d-KYOHixddjHlPrg1%40thread.tacv2/1731182597635?context=%7b%22id%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22oid%22%3a%22ae65f2e1-55b9-4073-adff-f5cdd227253%22%7d>

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145. Design and Implementation of a 24V-DC Electro-Thermal Actuator for Underfloor Heating Systems - Engin Dursun Hacer Oztura
 40. THERMODYNAMIC MODELING OF THE OXIDATION PROCESS OF COAL FROM THE KARA-KECHE DEPOSIT AND CALCULATION OF THE ADDITIVE CARBON FOOTPRINT IN THE GAS PHASE - Timur Maimekov Damira Sambava Zarlik Maimekov Nurbek Zheenbaev Kubat Kemelov

SESSION 1.13- MEDICINE
 Building: VI, Floor: IV, Room: 412
 NOHU-Chair: Prof. Dr. Zeliha Selamoğlu and Associate Prof. Fatma Dilara Akin
 Technical Staf: Research Assistant Fatih Çiçek

Meeting (Microsoft Teams) link for oral presentation:

<https://teams.microsoft.com/join/19%3aAyUzjRb1-Q8WpIKM3Kv5WogFUTIA4MRaou-07uOg1%40thread.tacv2/1731183536802?context=%7b%22id%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22oid%22%3a%22ae65f2e1-55b9-4073-adff-f5cdd2277253%22%7d>

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191. Genomic signatures in uterine cancer subtypes reveal biomarkers and precision targets - Taj Mohammad Md Imtaiyaz Hassan (FACE TO FACE)
 262. Combating Alzheimer's Disease: Targeting DYRK1A with naringenin and quercetin - Sumaiya Khan Md. Imtaiyaz Hassan Asimul Islam (FACE TO FACE)
 132. The Shrinking Human Brain in Neurobiology - Dinara Ilesbekova Kamila Nurillaeva Zeliha Selamoğlu
 134. Creating a Dataset of Turkish Mammography Reports for Natural Language Processing Applications - Seda Yıldırım Erkan Ülker Necdet Poyraz
 183. Effects of a Lifestyle Intervention on Health Markers, Inflammatory and Oxidative Status, and Kidney Function in Patients with Non-Alcoholic Fatty Liver Disease - Antoni Sureda Maria Magdalena Quetglas-Llabrés Margalida Monserrat-Mesquida Maria del Mar Ribass Cristina Bouzas Josep Antoni Tur
 89. Syringin from *Tinospora crispa* downregulates pro-inflammatory mediator production through MyD88-dependent pathways in lipopolysaccharide (LPS)-induced U937 macrophages - Laiba Arshad
 381. Müze materyali olarak saklanan örümceklerde antik DNA'nın kullanımı - Pinar Kurt
 121. Enzyme Activity in Pancreatitis - Salkyn Beyshenalieva Nurzhamal Omurzakova Gulbubu Kurmanbekova
 271. Layered precision: Crafting multilayer capsules for next-generation cancer therapy - Joanna Szechyńska
 325. Application of mHealth technologies in the control of ventricular arrhythmias - İzzet Piriye Akif Khidirov Laman Niftaliyeva
 329. Mango pectin's from Côte d'Ivoire use for pharmaceutical applications - Awa Nakogon TUO-KOUASSI Alida Edwige ODOH Désirée-Marlette YEHE
 336. CHEMICAL CHARACTERIZATION AND PRELIMINARY ASSESSMENT OF EFFICACY AND TOLERABILITY OF A FOOD SUPPLEMENT BASED ON MALLOW SYLVESTRIS EXTRACT AND SORBITOL FOR FUNCTIONAL CONSTIPATION IN HEALTHY CONSUMERS. - Lorenza Francesca De Lellis Daniele Giuseppe Buccato Hammad Ullah Alessandra Baldi Alessandro Di Minno Roberto Sacchi Maria Vittoria Morone Danaé Larsen Maria Daglia
 337. HIPPOPHAE RHAMNOIDES L.: EFFECT ON THE EXPRESSION OF AQUAPORINS IN COLORECTAL ADENOCARCINOMA CELLS (HT-29), AS A POSSIBLE MECHANISM OF ACTION UNDERLYING ITS PROPERTY OF REGULATING INTESTINAL FUNCTION. - Maria Vittoria Morone Elisabetta Calazzo Daniele Giuseppe Buccato Lorenza Francesca De Lellis Hammad Ullah Danaé Larsen Alessandra Baldi Alessandro Di Minno Armando Ialenti Maria Daglia

SESSION 1.14- PHYSIC
 Building: VI, Floor: IV, Room: 411
 NOHU-Chair: Associate Prof. Mehmet Ali Olgar and Associate Prof. Yavuz Atasoy
 Technical Staf: Research Assistant Hasan Sansar

Meeting (Microsoft Teams) link for oral presentation:

<https://teams.microsoft.com/join/19%3a1bfee28GStLUWdYOICWHDuMfHG9dOjWgqIV9UGRtleo1%40thread.tacv2/1731183536802?context=%7b%22id%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22oid%22%3a%22ae65f2e1-55b9-4073-adff-f5cdd2277253%22%7d>

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- 14. 16:45-17:00
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151. 2D MoS₂ Production by Chemical Vapour Deposition (CVD) Method and Potential Applications - Gizem Gülistan BOZKURT Aleyna AKÇAY TATAROĞLU Hatice Dilay YAZICI Ayten CANTAŞ BAĞDAŞ Cumhur Gökhan ÜNLÜ (FACE TO FACE)
 172. Investigation of the suitability of graphene oxide doped MgFe₂O₄ nanocomposite as a drug delivery system platform - Hatice Dilay YAZICI Selin KUZU Cumhur Gökhan ÜNLÜ (FACE TO FACE)
 103. Development of Graphene Field Effect Biosensor (GFET) Platform for Point of Care (PoC) Sensors - Aleyna Akçay Tataroğlu İslim Cela Trang Anh Nguyen Le Hatice Dilay Yazıcı Hamza Cansever Jürgen Lindner Larissa Baraban Cumhur Gökhan Unlu (FACE TO FACE)
 127. The cosmological constant in anisotropic solution for vacuum - Meerim İmashkyzy
 57. Quantum sensing in the perspectives of real-life applications - Sergey Borisenko
 88. Relaxation time of the Blume-Capel model with a random crystal field in the neighborhood of equilibrium states - Songül Özüm Elif Sünnetçi Gül Gülpinar Rıza Erdem
 248. Grafen Okside Manyetik Özelliik Kazandırılması ve Karakterizasyonu - EBUBEKİR KINCI HASAN USLU ŞAHİKA SENA BAYAZIT
 254. Kademeli a-Si Yapıların c-Si Heteroeklem Güneş Hücreleri Performansına Etkisi - Furkan Güçlüer Emre Kartal Ali Oğün Sarp Elif Damgacı Ayşe Seyhan
 286. Effect of Na-CMC surfactant on electrical parameters of Al/SnO₂/p-Si photodiodes - Teoman Öztürk Ali Akbar Hussaini Murat Ebiç Murat Yıldırım
 292. Mikaelian Striped Waveguide Lens for Efficient Nanowire Coupling - Mirbek Turduev Szymik Kubandykov
 293. Active Tuning of Focusing Effect by Semicircular Nanohole LC-infiltrated Structure at Visible Light - Mirbek Turduev Taalaibek Taabaldiev
 308. Exploring Self-Collimation Effects in Hexagonal Photonic Crystals with Symmetry Modifications - Zekeriya Mehmet Yüksel Mirbek Turduev Hasan Oguz Ozgur Onder Karakiliç Halil Berberoğlu Muzaffer Adak Sevgi Özdemir Kart
 339. INFLUENCE OF MECHANICAL, ELECTRIC, TEMPERATURE FIELDS AND CORONA DISCHARGE ON THE CHARGE STATE OF POLYMERS - Aliyev Hikmet Sexaveddin
 359. Influence of Mg in Ni-based Takovite Catalysts and Its Derivatives on Catalytic Activity over two Reactivity Cycles of Dry methane Reforming - Zoulikha Abdelsadek Patrick Masset
 340. Виртуальная лабораторная работа при изучении физики в вузе - Азат Акматбекова

SESSION 1