

III. INTERNATIONAL TURKIC WORLD CONGRESS ON SCIENCE AND ENGINEERING (TURK-COSE 2021) PROGRAMME  
June 14-15, 2021-Niğde Ömer Halisdemir University, Niğde Turkey

**14th June 2021**

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<p><b>10:00-11:00</b> TR Time</p>	<p><b>Plenary Session</b></p> <p>Welcome Speeches:</p> <p>Prof. Dr. Murat Barut (Co-Chair, NOHU) Prof. Dr. Alpaslan Ceylan - Prof. Dr. Asilbek KULMIRZAYEV- Rectors of KTMU Prof. Dr. Yerlan Sydykov - Rector of ENU Prof. Dr. Muhsin Kar - Rector of NOHU H.E. Abzal Saparbekuly, Ambassador of Kazakhstan in Ankara (Turkey)"</p>
<p><b>11:00-14:30</b> TR Time</p>	<p><b>11:00-11:30 Sachiyo Aburatani</b></p> <p><b>"Inference of Biological Network by Structural Equation Modelling"</b> Computation Biosystem Big Data Analysis Open Innovation Laboratory (CBBD-OIL), and Chief Senior Research Scientist at Bioproduction Research Institute of National Institute of Advanced Industrial Science and Technology, Japan <b>The person who will introduce the invited speaker: Zeliha Selamoğlu (NOHU)</b></p> <p><b>11:30-12:00 Askar Zhussupbekov</b></p> <p><b>"Geotechnical Challenges of Mega Projects on Problematic Soils Of Kazakhstan"</b> Department of Buildings and Structures Design, L.N. Gumilyov Eurasian National University, Kazakhstan <b>The person who will introduce the invited speaker: Merzadinova Gulnara (ENU)</b></p> <p><b>12:00-12:30 Rustem T. Omarov</b></p> <p><b>"Molecular mechanisms of plant anti-viral RNA interference"</b> Department of Biotechnology and Microbiology, L.N. Gumilyov Eurasian National University, Kazakhstan <b>The person who will introduce the invited speaker: Merzadinova Gulnara (ENU)</b></p> <p><b>12:30-13:00 Nils Rostoks</b></p> <p><b>"Development of regulatory framework for genome-edited organisms in the European Union"</b> Faculty of Biology, University of Latvia, Riga, Latvia <b>The person who will introduce the invited speaker: Allahbakhsh JOIYA (NOHU)</b></p> <p><b>13:00-13:30 Mostafa Rahimnejad</b></p> <p><b>"New Configuration of Microbial Fuel cell for waste water treatment and green electricity generation"</b> Biofuel &amp; Renewable Energy Research Center, Department of Chemical Engineering, Babol Noshirvani University of Technology, Babol, Iran <b>The person who will introduce the invited speaker: Nahit Aktaş (KTMU)</b></p> <p><b>13:30-14:00 Nady Braidy</b></p> <p><b>"NAD+: Promoting healthy ageing"</b> head of the of the Brain Ageing Research Laboratory within the Centre for Healthy Brain Ageing at UNSW Sydney, Australia <b>The person who will introduce the invited speaker: Zeliha Selamoğlu (NOHU)</b></p> <p><b>14:00-14:30 Muhammad Ali</b></p> <p><b>"Genetic Dissection of Hereditary Hearing Loss and Ocular Diseases in Consanguineous Pakistani Families"</b> Quaid-i-Azam University (QAU), Pakistan <b>The person who will introduce the invited speaker: Zeliha Selamoğlu (NOHU)</b></p> <p><b>14:30:15:00 Farooq Anwar</b></p> <p><b>"Effectiveness of Green Extractiosn for Recovery of Plant-based Functional Components"</b> Institute of Chemistry, University of Sargodha, Sargodha, Pakistan <b>The person who will introduce the invited speaker: Zeliha Selamoğlu (NOHU)</b></p> <p><b>15:00-15:30 Rafael Aguilar</b></p>

**15th June 2021**

**SECTION 1: 10:00-12:00 (TR TIME)**

**SECTION 1.1- AGRICULTURAL SCIENCES AND TECHNOLOGIES**

NOHU-Chair: Halil Toktay

Technical Staf: İbrahim Köken, [ibrahimkoken1@gmail.com](mailto:ibrahimkoken1@gmail.com)

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TR Time

1. 10:00-10:15 21, POMEGRANATE (*Punica granatum* L.) BREEDING; FLOWER SELECTION FOR HYBRIDIZATION SUCCESS, Sufian Ikram, Mubasshir Hussain
2. 10:15-10:30 45, Drought and salt stress effects on biochemical changes and gene expression of photosystem II and catalase genes in selected onion cultivars, Usman Khalid Chaudhry
3. 10:30-10:45 54, MAGNETIC FIELD EFFECT ON DROUGHT TOLERANCE IN SUGAR BEET (*BETA VULGARIS* L.), İrem POYRAZ, Mustafa YILDIZ, Allahbakhsh JOIYA
4. 10:45-11:00 156, METHOD FOR ONE-STEP SYNTHESIS OF BIODEGRADABLE HYTOZAN HYDROGEL WITH INTEGRATED MINERAL FERTILIZERS, Yerlan Zhatkanbayev
5. 11:00-11:15 200, Application of Lactic acid Bacteria to reduce Methane Production in ruminants, Muhammad Umair Asghar
6. 11:15-11:30 208, Rehabilitation of degraded shooting range soil with iron hydroxyl phosphate, lignin and *Vachellia nilotica* L. biochar: Assessment through heavy metals distribution in barley and soil enzymatic activities, Muhammad Iqbal, Fatima Maryam
7. 11:30-11:45 278, In vitro germination and callus formation of soybean cultivars, Caner Yavuz, Mehmet Emin Çalışkan
8. 11:45-12:00 348, THE CYTOGENETIC MONITORING OF NATURAL POPULATIONS OF SEMENOV'S FIR TREE (*ABIES SEMENOVII*), Alina Seidakmatova, Urmat Kadyrbaev

**SECTION 1.2- ARCHITECTURE-CIVIL ENGINEERING**

NOHU-Chair: Hakan Karaca

ENU-Chair: Zharkenov Erkebulan

Technical Staf: Yunus Emre Kebeli, [yunusemrekebeli@ohu.edu.tr](mailto:yunusemrekebeli@ohu.edu.tr)

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TR Time

1. 10:00-10:15 226, Көбікті шыны алу технологиясын оптимизациялау әдістерін тәжірбиелік зерттеулерді салыстыру, Ляззат Аруова, Әсемгүл Құдайбергенова
2. 10:15-10:30 307, Factors affecting the properties of hemp concretes produced using industrial hemp stems cultivated in Turkey, Murat Şahin
3. 10:30-10:45 5, ASİDİK POMZA İLE ÜRETİLEN ALKALİ İLE AKTİVE EDİLMİŞ HAFİF HARÇLARIN FİZİKSEL VE MEKANİK ÖZELLİKLERİ, Mustafa Sarıdemir, Serhat Çelikten, Günay Ayaydın
4. 10:45-11:00 27, TEKERLEK BASINCINA MARUZ HOMOJEN ZEMİNLERDE GERİLME VE DEPLASMAN DAĞILIMLARININ SINIR ELEMEN YÖNTEMİ İLE BELİRLENMESİ, Metin Hakan Severcan, İbrahim Özgür Deneme

**SECTION 1**

5. 11:00-11:15 30, Investigation Of Compressive Strength Of Concrete Added Accelerator, Mehmet Uzun, Mustafa Tolga Çöğürçü, Mehmet Akif Arslan
6. 11:15-11:30 38, TMD and PID control of a multi-degree of freedom structure against Kocaeli earthquake, Ali KONTUŞ, Boğaç BİLGİÇ
7. 11:30-11:45 157, The Influence of Magnitude Recurrence Models of Fault Sources over the Seismic Hazard, Case for Marmara Region, Hakan Karaca
8. 11:45-12:00 204, Farklı Oranlarda Diatomit İkamisinin 75 °C'de Isıl Kür Uygulanan F Sınıfı Uçucu Kül Tabanlı Geopolimer Harçlara Etkilerinin İncelenmesi, Ezgi Örklemmez, Serhan İlkentapar, Uğur Durak, Okan Karahan, Cengiz Duran Atış

### SECTION 1.3- BIOLOGY AND BIOTECHNOLOGY

NOHU-Chair: Esin Canlı

ENU-Chair: Omarov Rustem

KTMU-Chair: Kadyr Chekirov

Technical Staf: Cihan Düşgün, cihandusgun@gmail.com

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TR Time

1. 10:00-10:15 34, EFFECTIVE CONCENTRATIONS OF CORAGEN® ON LARVAL STAGE OF Archips rosana (LINNAEUS, 1758) (LEPIDOPTERA: TORTRICIDAE), Rabia EFE, Mitat AYDOĞDU
2. 10:15-10:30 46, Taxonomic studies of insect pests associated with cotton crop from Punjab, Pakistan, Kiaenat Nazir, Muhammad Tayyib
3. 10:30-10:45 69, A Neuroprotective Effect of the Complex Extract of Medicinal Mushroom and Herbal Medicin Curcumin against the Development of Alzheimer's Disease, Nouredine Djebli
4. 10:45-11:00 71, Bioinformatics Applications in Plant Genome and Proteome Analysis, Mahmood-ur-Rahman, Parwsha Zaib
5. 11:00-11:15 105, Receptor like-kinases in Plant Defence, Elif Karlık
6. 11:15-11:30 140, Effects of exercise test on oxidative stress and inflammatory biomarkers in patients with metabolic syndrome, Magdalena Quetglas-Llabrés, Margalida Monserrat-Mesquida, Xavier Capó, Josep A. Tur, Antoni Pons, Antoni Sureda
7. 11:30-11:45 143, Developing mutants of negative regulator of immune response gene in tomato using CRISPR-Cas9, FAISAL SAEED, Allah Bakhsh
8. 11:45-12:00 174, Antimicrobial and antioxidant potential of methanolic extracts of some seaweeds from Iskenderun Bay, Turkey, Betül Aydın

### SECTION 1.4- CHEMISTRY

NOHU-Chair: Yavuz Sürme

ENU-Chair:Kopishev Eldar

KTMU-Chair: Mehmet Odabaşı

Technical Staf:Gizem Kahve Yıldırım, gizem.kahveyildirim@mail.ohu.edu.tr

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TR Time

1. 10:00-10:15 79, Chemical composition and anti-inflammatory activity of aqueous extract of Algerian Ficus carica .L fruit, LEILA KEBAL, Nouredine Djebli
2. 10:15-10:30 341, Preparation and Characterization of N,N-Dimethylacrylamide, and Starch-Based Hydrogels, and Evaluation of Sorption Studies, Duygu Alpaslan, Tuba Ersen Dudu, Nahit Aktas

# SECTION 1

3. 10:30-10:45 342, Swelling and Urea Sorption Behavior of Cross-Linked p(N,N-Dimethylacrylamide-co-Starch)/NaOH-Based Hydrogels, Tuba ERSEN DUDU, Duygu ALPASLAN, Nahit Aktas
4. 10:45-11:00 343, Synthesize and Modification of poly(Dimethylacrylamide)/HCl for Controlled Release of Urea, Tuba Ersen, Duygu Alpaslan, Nahit Aktas
5. 11:00-11:15 344, Application of poly(Dimethylacrylamide-co-Maleic Acid)/HCl hydrogel in controlled urea release, Abdullah Turan, Tuba Ersen Dudu, Duygu Alpaslan, Nahit Aktas
6. 11:15-11:30 124, DEVELOPMENT OF MOLECULAR IMPRINTED CRYOGEL MEMBRANES FOR PURIFICATION OF NARINGENİN, Emel DEMİRTAŞ, Mehmet ODABAŞI
7. 11:30-11:45 163, Synthesis of cerium-doped iron oxide nanoparticles and investigation of photocatalytic activity, Ali Kemal SOGUKSU, Suleyman KERLI, Mustafa KAVGACI
8. 11:45-12:00 260, STUDY OF GAS MIXED ADSORPTION PROCESS BASED ON SYSTEM ANALYSIS, Fakhreddin Yusubov, Gulahmed Talybov

#### SECTION 1.5- CONTROL, COMPUTER, ELECTRICAL, ELECTRONICS, AND MECHATRONICS ENGINEERING

NOHU-Chair: Ahmet Şakir Dokuz

ENU-Chair: Zhumadillayeva Ainur

KTMU-Chair: Rita Ismailova

Technical Staf: Rıza Erhan Akdoğan, ariza@ohu.edu.tr

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TR Time

1. 10:00-10:15 89, A sponge-based cryptographic hash function with set of internal functions, Ruslan Ospanov, Yerzhan Seitkulov, Ainur Zhetpisbayeva
2. 10:15-10:30 161, About choosing the optimal S-boxes, Banu Yergaliyeva, Ruslan Ospanov, Kuandyk Niazaliyev, Nurlan Tashatov, Dina Satybaldina
3. 10:30-10:45 242, Обучение казахскому языку при помощи платформы «Revita» — из опыта работы, Roman Yangarber, Annel Baktybaeva
4. 10:45-11:00 309, Testing of methods with synthetic data: Logistic Regression and Likert scale example, Zeynep Ünal, Emre İpekçi Çetin
5. 11:00-11:15 320, Борбордук Азиядагы университеттерде Moodle платформасынын колдонулушу, Aizharkyn Sait Kyzy, Rita Ismailova
6. 11:15-11:30 87, Secure outsourcing a linear programming task with secret parameters, Yerzhan Seitkulov, Seilkhan Boranbayev, Banu Yergaliyeva
7. 11:30-11:45 88, Secure outsourcing of finding the extremum of a function with secret parameters, Yerzhan Seitkulov, Seilkhan Boranbayev, Ainur Zhetpisbayeva
8. 11:45-12:00 235, Yapay Zeka Yöntemleriyle Üstyapı Performans Tahmini, MERVE SİPER, ABDULLAH ERDAL TÜMER

#### SECTION 1.6- ENVIRONMENTAL ENGINEERING

NOHU-Chair: Fehiman Çiner

ENU-Chair: Beisenova Raikhan

KTMU-Chair: Mehmet Kobya

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TR Time

1. 10:00-10:15 49, The avifauna of salt lakes with populations of the crustacean Artemia Leach, 1819 in Northern Kazakhstan, Alexandr Ubaskin, Kairat Akhmetov, Talgat Abylkhassanov, Alexandr Minakov, Alexandr Lunkov
2. 10:15-10:30 52, Dose assessment of radiation exposure by scenarios in the settlements of Stepnogorsk area, Danara Ibrayeva, Moldir Aumalikova, Meirat Bakhtin, Polat Kazymbet, Kassym Zhumadilov
3. 10:30-10:45 76, Airborne Particulate Matter: How Techniques for Physicochemical Analysis Can Help us Predict Adverse Human Health Impacts of Air Pollution, Akmaral Agibayeva, Aiganym Kumisbek, Ferhat Karaca, Egemen Avcu, Mert Guney
4. 10:45-11:00 77, Potentially Toxic Elements in Airborne Particulate Matter: How Assessing Their Solubility May Improve the Characterization of Adverse Human Health Impacts, Akmaral Agibayeva, Ferhat Karaca, Egemen Avcu, Mert Guney
5. 11:00-11:15 142, OVERVIEW OF RADIATION SITUATION ON STEPNOGORSK MINING AND CHEMICAL COMBINE, Moldir Aumalikova, Danara Ibrayeva, Meirat Bakhtin, Kassym Zhumadilov
6. 11:15-11:30 310, Research of technical characteristics of AMp brand sorbent, Tleu Berdykhalyk, Bakhtiyar Isakov, Turlan Sadykov, Alibi Baltabaev
7. 11:30-11:45 335, Recovering of Indigo Dye from Denim Wastewater, Yavuz Arikan, Nuran Celikci, Gokhan Gonul, Cengiz Ayhan Ziba, Mustafa Dolaz
8. 11:45-12:00 337, Enhance and Increase the Local Population Access for Renewable Energy of Biogas in Syria, Zakarya Ali Al-Motair, Tefide Kizildeniz

#### SECTION 1. 7- FOOD ENGINEERING

NOHU-Chair: Metin Yıldırım

KTMU-Chair: Aycörük Macitova

Technical Staf: Mehmet Yetişen, mehmetyetisen@ohu.edu.tr

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TR Time

1. 10:00-10:15 43, ANTIOXIDANT ACTIVITY, PHYTIC ACID AND MINERAL CONTENT OF PASTA MADE FROM LUPIN FLOUR AND RESISTANT STARCH SUPPLEMENTED WITH VITAL GLUTEN AND/OR TRANSGLUTAMINASE, Elif Yaver, Nermin Bilgiçli
2. 10:15-10:30 44, UTILIZATION OF EDIBLE INSECTS AS PROTEIN SOURCE IN CEREAL-BASED FOODS, Elif Yaver
3. 10:30-10:45 75, Antidiabetic Effect of Sidr Honey (Algeria) on the Diabetic Rats Induced by Streptozotocine, Rabia El adaouia Taleb, Nouredine Djebli
4. 10:45-11:00 80, In vivo Evaluation of Antidiabetic activity of Algerian Date Extract (Phoenix dactylifera L.), Hadjer Chenini, Nouredine Djebli
5. 11:00-11:15 169, Descriptive Sensory Evaluation of Chewing Gums: A Comparative Survey on Chewing Gums with Natural and Biodegradable Gum Bases., Mona Kaveh, Samira Yeganehzad, Mohammad Ali Hesarinejad
6. 11:15-11:30 292, Effect of mineral salt replacers on the physicochemical, microbial and sensory properties of yogurt drink, ayran, Çağım Akbulut, Ayşe Bozkurt
7. 11:30-11:45 297, Study on Probiotic survival in Cheddar cheese, Usman Mir Khan, Aysha Sameen, Zeliha Selamoglu, Farwa Akhlaq
8. 11:45-12:00 298, A survey on Quality Aspects of Market Available Ice Creams, Usman Mir Khan, Zeliha Selamoglu, Ali Murad Khan, Umar Murad Khan

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## SECTION 1.8- GEOLOGICAL, GEOMATICS AND MINING ENGINEERING

NOHU-Chair: Kutalmış Gümüş

ENU-Chair: Shahmov Zhanbolat

Technical Staf: Münevver Gizem Gümüş, gizemkisaaga@ohu.edu.tr

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TR Time

1. 10:00-10:15 123, «Алматының сейсмикалық жағдайындағы ісінгіш топырақтардың орнықтылығын зерттеу әдістері», Aidana Sultan, Zhanbolat Shakhmov
2. 10:15-10:30 331, Волластониттин кристаллдарынын морфологиясы, гранулометриялык курамынын анын негизиндеги керамиканы алуудагы синтеринг кинетикасына таасири, Бакыт Боркоев, Кальипа Салиева
3. 10:30-10:45 25, Calcite (CaCO<sub>3</sub>) Mining in Turkey and Industrial Importance of Nigde Region Calcites, Mahmut Suat Delibalta, Öner Yusuf Toraman
4. 10:45-11:00 66, Mineral Endüstrisinde Kullanılan Titreşimli Değirmenler ve Uygulamaları, Öner Yusuf Toraman, İsmail Erdağ
5. 11:00-11:15 239, ATIK YUMURTA KABUĞUNUN DEĞERLİ VE KULLANILABİLİR ÜRÜNLERE DÖNÜŞTÜRÜLEBİLİRLİĞİ, Diler KATIRCIOĞLU BAYEL
6. 11:15-11:30 115, FLOOD MONITORING AND DETECTION USING NDWI AND NDVI DERIVED FROM PLANETSCOPE DATA, Pınar Karakus, Osman Orhan
7. 11:30-11:45 144, Features Influencing Land Value Forecasting and Differences Between Value Maps According to MRA Method, Şükran YALPIR, Ali Utku AKAR, Süleyman ŞİŞMAN
8. 11:45-12:00 257, COVID-19 SALGIN DÖNEMİNDE İŞLETMELER İÇİN ULAŞIM AĞINDA UYGUN TESİS YER SEÇİMİ ANALİZİ: KARGO ÖRNEĞİ., Arif Çağdaş AYDINOĞLU, İrem ERGÜL, Süleyman ŞİŞMAN, Rabia Bovkır
9. 12:00-12:15 216, DOĞU KARADENİZ HAVZASININ ORTALAMA YAĞIŞ YÜKSEKLİĞİ, Abdul Kadir AKACAK, İsmail Taş

## SECTION 1.9-MECHANICAL, METALLURGICAL, AND MATERIALS ENGINEERING

NOHU-Chair: Serkan Toros

ENU-Chair: Zhumagulov Mikhail

Technical Staf: Habip Gökay Korkmaz, hkorkmaz@ohu.edu.tr

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TR Time

1. 10:00-10:15 296, Spinor Dynamics in Pristine and Mn<sup>2+</sup> Doped CsPbBr<sub>3</sub> NC: Role of Spin-Orbit Coupling in Ground and Excited State Dynamics, Talgat Inerbaev, Aaron Forde, Dmitri Kilin
2. 10:15-10:30 225, An evaluation of Fuel Cell Electric Vechile Application for Electric Grid Support, Mehmet Büyük
3. 10:30-10:45 314, Determining Heat Transfer Coefficients of 0.08 mm, 0.1 mm Diameter Wires in Wind Tunnel, MERT PATKAVAK, ALPER ŞANLI
4. 10:45-11:00 380, Self-scheduling controller via multi-objective optimization for longitudinal motion of aircraft, Aisha Sir Elkhatem, Şeref Naci Engin
5. 11:00-11:15 9, Bir Minibüs Modelinde Aerodinamik Direncin Numerik Olarak İyileştirilmesi, CİHAN BAYINDIRLI, Mehmet Çelik
6. 11:15-11:30 13, Investigation of mechanical and surface properties of AA7075 alloy shot peened with glass beads, Okan Yetik, Yasemin Yıldırım Avcu, Mert Guney, Egemen Avcu
7. 11:30-11:45 191, ASSESSMENT OF NATURAL GAS BASED TRIGENERATION SYSTEM FOR AUTOMOTIVE INDUSTRY: ENERGY AND ECONOMIC ANALYSIS, Rümeyza Yalındağ, Atakan Avcı
8. 11:45-12:00 196, Seramik Yapıştırıcılarda Dolgu Malzemesi Olarak Perlitin Kullanılabilirliğinin Araştırılması, Ardan Toraman, Ahmet Bilgil, Şennur Neşe Sevmes,

# SECTION

## SECTION 1.10- PHYSICS-MATHEMATICS

NOHU-Chair: Sefa Ertürk

ENU-Chairs: Inerbaev Talgat, Zhumadilov Kassym

KTMU-Chair: Anarkül Urdaletova

Technical Staf: Birgül Eren, brg.gokuzum@gmail.com

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TR Time

1. 10:00-10:15 42, АСИМПТОТИЧЕСКОЕ РАЗЛОЖЕНИЕ ВОЗМУЩЕННОГО РЕШЕНИЯ ОБЩЕЙ ТРЕХТОЧЕЧНОЙ КРАЕВОЙ ЗАДАЧИ ДЛЯ ЛИНЕЙНЫХ ДИФФЕРЕНЦИАЛЬНЫХ УРАВНЕНИЙ ВТОРОГО ПОРЯДКА, Feruza Sultanmuratova
2. 10:15-10:30 130, The role of audits in improvement of quality in radiotherapy, Raikhan Bakenova, Kassym Zhumadilov
3. 10:30-10:45 145, Investigation of Neutron Deficient Nuclei Alpha Decay Half-Lives, Fahrettin Koyuncu
4. 10:45-11:00 291, Статья "Роль физического вакуума в инфляционной модели Вселенной", Галина Шаханова
5. 11:00-11:15 311, Study of cosmic rays using the Hadron 55 facility, T.Kh. Sadykov, B.A. Iskakov, T. Berdykhalyk, A.Kh. Argynova, D. Besnosko, V.A. Ryabov, Y.M. Tautayev, V.V. Zhukov,
6. 11:15-11:30 312, Geoacoustic emission during the passage through the earth's crust of high-energy cosmic ray muons, B.A. Iskakov, T. Berdykhalyk, T.Kh. Sadykov, D. Beznosko, N.M. Salikhov, A.L. Shepetov, T.Y. Tautayev, V.V. Zhukov
7. 11:30-11:45 231, Approximate solution of the nonlinear second-order differential equations with derivatives with respect to an increasing function, Avyt Asanov, Akak Shadykanova, Kalyskan Matanova
8. 11:45-12:00 273, System of parabolic equations with a power boundary layer, Asan Omuraliev, Peil Esengul kyzy
9. 12:00-12:15 375, Determination of RC circuit of calcite-doped hydrogels from dielectric plane plots, Mehmet Öncan, Muhittin Öztürk, Ramazan Coşkun, Mustafa Okutan, Orhan Yalçın

## SECTION 2: 12:30-14:30 (TR TIME)

### SECTION 2.1- AGRICULTURAL SCIENCES AND TECHNOLOGIES

NOHU-Chair: Halil Toktay

Technical Staf: İbrahim Köken, ibrahimkoken1@gmail.com

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TR Time

1. 12:30-12:45 367, The use of agriculture fruit waste as animal feed: A Modern Review, Nida Irshad
2. 12:45-13:00 369, Essential oils as an alternative to synthetic drugs in Poultry Production, Hassan Jalal, Sema Yaman
3. 13:00-13:15 37, HAYVAN PARAZİTLERİNE KARŞI VAN (TÜRKİYE)'DA HALKIN KULLANDIĞI BİTKİLER, Fevzi Özgökçe, Murat Ünal, Suat Ekin, İsmail Hakkı Ekin, Gökhan Oto, Abdullah Karasu, Zehra Ekin, Semiha Dede, Yıldırım Başbugan
4. 13:15-13:30 391, FARKLI ZAMBAK (Lilium spp.) TÜRLERİNDE İN VİTRO SOĞAN ÜRETİMİ, Çilem Baran, Şeyda Çavuşoğlu, Solmaz Najafi

## SECTION 2

5. 13:30-13:45 136, Tohumluk Patates Üretiminde Farklı İrilikteki Mini Yumrular İçin Dikim Sıklığının Optimizasyonu, Ali ONARAN, Mehmet Emin Çalışkan
6. 13:45-14:00 162, Agronomic, botanical and breeding approaches to improve groundnut yield and nutrient quality in Sub-Saharan Africa, Eric Kuopuobe NAAWE, Francis TAINGZUNAALOUNG
7. 14:00-14:15 168, Utilization of Plant Genetic Resources in Plant Breeding, Orkun GENCER, Sedat SERÇE
8. 14:15-14:30 177, Evaluation of Antibacterial Activity of Tea Tree Oil against *Clavibacter michiganensis* subsp. *michiganensis*, Nida Ünlü, Quratul Ain Sajid, Eminur Elçi

### SECTION 2.2- ARCHITECTURE-CIVIL ENGINEERING

NOHU-Chair: Hakan Karaca

ENU-Chair: Zharkenov Erkebulan

Technical Staf: Yunus Emre Kebeli, yunusemrekebeli@ohu.edu.tr

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TR Time

1. 12:30-12:45 360, Trapez Savakların Debi Katsayısının Çok Değişkenli Uyarlanabilir Regresyon Eğrileri (ÇDURE) ve Çoklu Doğrusal Regresyon (ÇDR) Yöntemleri ile Tahmin Edilmesi, Abdulkadir Özlük, Oğuz Şimşek, Veysel Gümüş
2. 12:45-13:00 398, FARKLI UÇUCU KÜL, ALKALİ AKTİVATÖR VE KÜR SICAKLIĞININ GEOPOLİMER KOMPOZİT MALZEME ÜRETİMİNE ETKİSİ, Neslihan Doğan-Sağlamtimur, Ahmet Bilgil, Hatice Öznur Öz, Kadir Günaydın
3. 13:00-13:15 390, Effect of alumina sand proportion on strength properties of fly ash based geopolymer mortar, Kinga Pławecka, Michał Łach, Kinga Korniejenko
4. 13:15-13:30 20, Kalker Kumu İle Üretilmiş Diatomitli Harçların Özellikleri, Mustafa Sarıdemir, Ahmet Yıldırım

### SECTION 2.3- BIOLOGY AND BIOTECHNOLOGY

NOHU-Chair: Tuba Artan Onat

ENU-Chair: Omarov Rustem

KTMU-Chair: Gülbübu Kurmanbekova

Technical Staf: Cihan Düşgün, cihandusgun@gmail.com

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TR Time

1. 12:30-12:45 284, COVID-19 and Cardiovascular Involvement Physiopathology, Betül Ozdemir, Zeliha Selamoglu
2. 12:45-13:00 221, Study of Monomer and Crowding Agents on Structure and Stability of Myoglobin, Muneera Lateef, Khalida Nasreen, Shabab Hasan Khan, Taaj Mohammad, Asimul Islam, Faizan Ahmad
3. 13:00-13:15 267, Therapeutic effects of ethanolic extract of a folk herbal plant *Conyza bonariensis* in high sucrose and NI-STZ induced Type 2 diabetic model of rats, Imtiaz Mustafa, Haseeb Anwar, Shahzad Irfan, Humaira Muzaffar
4. 13:15-13:30 269, Reactions of some Red Bread Wheat Genotypes in Yield Trials to Rusts and Bunt, Kadir AKAN, Ayten SALANTUR, Selami YAZAR, Bayram ÖZDEMİR, Mehmet Emin ALYAMAÇ, İrfan ÖZTÜRK
5. 13:30-13:45 277, Gallic Acid as a natural protease inhibitor in fungal pathogenesis, Ziaul Hasan, Asimul Islam, Luqman Ahmad Khan



## SECTION 2

6. 13:45-14:00 281, III Халықаралық Түркі әлемі жаратылыстану және инженерлік ғылымдар конгресіне баяндама, Гульмира Ташкеева, Ермек Бекмуратов, Галым Илипов
7. 14:00-14:15 182, DNA SEPARATION via Fe+3-BINDED EXTRACELLULAR BIOPOLYMERIC COMPOSITE CRYOGELS, Burcu ÖNAL ACET, Mehmet ODABAŞI
8. 14:15-14:30 315, Covid-19 Vaccination, Homologous, Heterologous Prime Boosting or Enhanced Heterologous Immunoboosting, Shahid Abbas, Zeliha Selamoglu

### SECTION 2.4- CHEMISTRY

NOHU-Chair: Ersen Turaç

ENU-Chair: Kopishev Eldar

KTMU-Chair: Duygu Alpaslan

Technical Staf: İnci Yaşaroğlu, inci.yasaroglu@ohu.edu.tr

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TR Time

1. 12:30-12:45 285, Investigation of cadmium's sorption ions by chelate sorbents, Nazile Huseynova, Kamala Badalova, Karina Orujova
2. 12:45-13:00 288, Enhanced immunosuppressive effects of 3,5-bis[4 (diethoxymethyl)benzylidene]-1-methyl-piperidin-4-one, an  $\alpha$ ,  $\beta$ -unsaturated carbonyl-based compound as PLGA-b-PEG nanoparticles, Laiba Arshad, Ibrahim Jantan, Syed Nasir Abbas Bukhari
3. 13:00-13:15 333, Optimization method for preparing carboxymethyl cellulose with high viscosity from different factory wastes, Nuran Celikci, Mustafa Dolaz, Cengiz Ayhan Ziba
4. 13:15-13:30 334, Effect of carboxymethyl cellulose (CMC) on the consistency and penetration time of cement paste, Nuran Celikci, Mustafa Dolaz, Cengiz Ayhan Ziba
5. 13:30-13:45 362, Hidroksil Grupları İçeren Yeni Schiff Bazı Metal Komplekslerinin Sentezi ve Benzil Alkol Oksidasyonunda Katalitik Özellikleri, Cengiz Ayhan Ziba, Mustafa Dolaz
6. 13:45-14:00 363, Hidroksil Grupları İçeren Yeni Schiff Bazı Metal Komplekslerinin Nişasta Oksidasyonundaki Katalitik Özellikleri, Cengiz Ayhan Ziba, Mustafa Dolaz
7. 14:00-14:15 364, Metoksi Grupları İçeren Yeni Schiff Bazı Metal Komplekslerinin Nişasta Oksidasyonundaki Katalitik Özellikleri, Cengiz Ayhan Ziba, Mustafa Dolaz
8. 14:15-14:30 365, Metoksi Grupları İçeren Yeni Schiff Bazı Metal Komplekslerinin Sentezi ve Benzil Alkol Oksidasyonunda Katalitik Özellikleri, Cengiz Ayhan Ziba, Mustafa Dolaz

### SECTION 2.5- CONTROL, COMPUTER, ELECTRICAL, ELECTRONICS, AND MECHATRONICS ENGINEERING

NOHU-Chair: Şahin Sönmez

ENU-Chair: Zhumadillayeva Ainur

KTMU-Chair: Rita İsmailova

Technical Staf: Rıza Erhan Akdoğan, ariza@ohu.edu.tr

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TR Time

1. 12:30-12:45 378, Using a project-based learning method in "Software Engineering" course, Chinara Jumabaeva
2. 12:45-13:00 12, ARDUINO BASED DESIGN AND CONTROL OF RAILWAY REVOLVING BRIDGE, ERHAN ERSOY

## SECTION 2

3. 13:00-13:15 61, AN ALTERNATIVE MIXING PARAMETER UPDATE RULE FOR COMPLEX-VALUED COLLABORATIVE ADAPTIVE FILTER STRUCTURES, Buket ÇOLAK GÜVENÇ, Engin Cema1 MENGÜÇ
4. 13:15-13:30 114, ELEKTRİKLİ ARAÇLAR VE DİNAMİK TALEP CEVABI İÇEREN ZAMAN GECİKMELİ YÜK FREKANS KONTROL SİSTEMİNİN KARARLILIK BÖLGESİNİ OLUŞTURAN Pİ DENETLEYİCİ KAZANÇLARININ BELİRLENMESİ, Deniz 120, Alfa-Bağımlı Gürültülü Ortamlarda Ağırıklandırılmış Meridian Filtrelerin Diferansiyel Gelişim Algoritması İle Optimizasyonu, Hasan Zorlu, Simay Kaya
5. 13:30-13:45
6. 13:45-14:00 240, Effects of Antenna Array on Throughput in 5G NR PDSCH, Ural Mutulu, Yasin Kabalcı
7. 14:00-14:15 213, MODELING OF THERMOELECTRIC GENERATOR WITH ANSYS AND MATLAB/ SIMULINK, Aytuğ Özçavdar, Yaşar İslamoğlu, Nisanur Açıkdeniz
8. 14:15-14:30 70, Influence of process parameters on TWR in Electrical Discharge Machining of Cu-based SMA: An Experimental Investigation, Ranjit Singh, Ravi Pratap Singh, Rajeev Trehan

### SECTION 2.6- ENVIRONMENTAL ENGINEERING

NOHU-Chair: Neslihan Doğan Sağlamtimur

ENU-Chair: Beisenova Raikhan

KTMU-Chair: Zarlík Maimekov

Technical Staf: Kübra Nur Gül, kubragul@ohu.edu.tr

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TR Time

1. 12:30-12:45 350, POSSIBLE EFFECT OF INCREASED CO<sub>2</sub>, HIGH TEMPERATURE AND DROUGHT AS CLIMATE CHANGE RELATED FACTORS ON ADAPTATION OF TURKISH NATIVE ALFALFA VARIETIES, Tefide Kizildeniz, Bilal Karaağaç,
2. 12:45-13:00 135, Herbs' effects in fatty liver treatment in the world-A review, Ebrahim Alinia-Ahandani, Zeliha Selamoglu, Milad Sheydaei, Zahra Alizadeh-Terepoei
3. 13:00-13:15 258, FLORA OF THE AT-BASHI RIVER BASIN OF THE INNER TYAN-SHAN OF KYRGYZSTAN, Nazgul Imanberdieva
4. 13:15-13:30 259, FEATURES OF THE VEGETATION BASIN AT-BASHI RIVERS OF THE INNER TYAN-SHAN OF KYRGYZSTAN, Nazgul Imanberdieva
5. 13:30-13:45 396, Air Pollution Status in Antalya (Turkey) before and during COVID-19 Pandemic in terms of PM<sub>10</sub> and SO<sub>2</sub>, Kemal Ulusoy, Neslihan Doğan-Sağlamtimur
6. 13:45-14:00 275, Mikroplastiklerin Biyodegradasyonu ve Çevresel Yönleri, Özgecan MADENLİ, Ceyhun AKARSU, Ece Ümmü DEVECİ
7. 14:00-14:15 397, İki Farklı Karbon Bazlı İletken Malzemenin Hayvan Gübresinden Üretilen Biyogaz Üzerindeki Etkileri, Hamdi MURATÇOBANOĞLU, Öznur Begüm GÖKÇEK, Ruhullah Ali MERT, Recep ZAN, Sevgi DEMİREL
8. 14:15-14:30 399, WOOD PLASTIC COMPOSITE AS A NOVEL RECYCLING ALTERNATIVE FOR WASTE PLASTICS, Kadir Günaydın, Neslihan Doğan-Sağlamtimur

### SECTION 2. 7- FOOD ENGINEERING

NOHU-Chair: Zeliha Yıldırım

KTMU-Chair: Anarseyit Deaydiev

Technical Staf: Mehmet Yetişen, mehmetyetisen@ohu.edu.tr

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## SECTION 2

TR Time

1. 12:30-12:45 305, Efficacy of Taurine added LSM based Diet on Apparent Digestibility of Nutrient and Mineral retention in Cyprinus carpio fingerlings, Muhammad Mudassar Shahzad, Fatima Khalid, Syed Makhdoom Hussain
2. 12:45-13:00 306, Collection and documentation of data for establishing a Kyrgyz national food composition database, Jamila Smanalieva, Janyl Iskakova, Mukarama Musulmanova, Anna Giertlová
3. 13:00-13:15 325, THE IMPORTANCE OF COLD CHAIN LOGISTICS IN DAIRY PRODUCTS, Usman Mir Khan, Mesut SELAMOGLU
4. 13:15-13:30 361, Applications of Gum arabic as edible coatings in food industry, Wadah Elsheikh, Ilknur Ucak
5. 13:30-13:45 282, ДЖАЛАЛ ЭД-ДИН РУМИ - ВЕЛИКИЙ ЧЕЛОВЕК ВСЕХ ВРЕМЕН, Байболот Абытов
6. 13:45-14:00 340, Кыргызстандын түштүк аймагындагы бадамдардын (*Amygdalus communis* L.) физикалык-химиялык мүнөздөмөсү, Калыйпа Салиева, Бакыт Боркоев, Зиядат Салиева
7. 14:00-14:15 84, Sürdürülebilir Protein Kaynakları: Bitki, Böcek, Yapay Et ve Tek Hücre Proteinleri, Ayşen Baş, Doğa Peksever, Sedef Nehir El
8. 14:15-14:30 94, Mühliye (*Corchorus olitorius*) Bitkisine Farklı Kurutma Metotlarının Etkisi, Nezahat Olcay, Mustafa Kürşat Demir

### SECTION 2.8-MECHANICAL, METALLURGICAL, AND MATERIALS ENGINEERING

NOHU-Chair: Murat Gökçek

ENU-Chair: Zhumagulov Mikhail

Technical Staf: Habip Gökay Korkmaz, hkorkmaz@ohu.edu.tr

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TR Time

1. 12:30-12:45 207, The Effect of Pressure Increase Rate and Threshold Speed Parameters to Static Friction Forces in Pneumatic Cylinders, Mustafa DAĞDELEN, Mehmet İleriş SARIGEÇİLİ
2. 12:45-13:00 209, Evaluation of Cracking Pressure at Proportional Directional Control Valves for Different Valve Control Signals and Supply Pressures, Mustafa DAĞDELEN, Mehmet İleriş SARIGEÇİLİ
3. 13:00-13:15 220, Kürlenme İşleminin Kompozit Yapıların Doğal Frekansı Üzerine Etkisi, Şeyma İnce, Hasan Öztürk
4. 13:15-13:30 229, Electrochemical Deposition and Characterization of Polyaniline/Graphene Oxide-Polyaniline Composite Films on Pt-Ir Electrode, Osman Cem ALTINCI, Bahadır K. KÖRBAHTİ

### SECTION 2.9- PHYSICS-MATHEMATICS

NOHU-Chair: Sefa Ertürk

ENU-Chair: Inerbaev Talgat, Zhumadilov Kassym

KTMU-Chair: Fahreddin Abdullayev

Technical Staf: Birgül Eren, brg.gokuzum@gmail.com

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- TR Time
1. 12:30-12:45 290, Regularized asymptotics of the solution of systems of parabolic differential equations, Asan Omuraliev, Ella Abylaeva
  2. 12:45-13:00 303, SOME FAMILY OF INTEGRABLE RICCATI EQUATIONS, Anarkul Urdaletova, Syrgak Kydyraliev
  3. 13:00-13:15 304, DIOPHANTUS - AL KHWARIZMI METHOD: BETWEEN ANTIQUITY AND MODERNITY, Anarkul Urdaletova, Syrgak Kydyraliev
  4. 13:15-13:30 319, On the Orthonormal Polynomials over a Contour of the Complex Plane, Fahreddin Abdullayev Fahreddin
  5. 13:30-13:45 351, On the Behavior of the Derivative of Polynomials in Unbounded Regions of the Complex Plane, Cevahir Doğanay Gün, N. Pelin Özkartepe, Fahreddin G. Abdullayev
  6. 13:45-14:00 56, EFFICIENCY TEST OF THE LR-115 TYPE 2 SOLID-STATE ALPHA-TRACK DETECTOR FOR RADON RESEARCH APPLICATIONS, Dana Yerimbetova, Valery Stepanenko, Kassym Zhumadilov
  7. 14:00-14:15 51, Willmore Function of Manheim Partner Curves in Euclidean 3-Space, Filiz ERTEM KAYA
  8. 14:15-14:30 171, Focusing Capability of Cantor Fractal Based Optical Metamaterial, Ekin Aslan, Erdem Aslan

## SECTION 3: 15:00-17:00 (TR TIME)

### SECTION 3.1- AGRICULTURAL SCIENCES AND TECHNOLOGIES

NOHU-Chair: Ufuk Demirel

Technical Staf: İbrahim Köken, [ibrahimkoken1@gmail.com](mailto:ibrahimkoken1@gmail.com)

Meeting (Microsoft Teams) link:

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## SECTION 3

- TR Time
1. 15:00-15:15 179, Molecular Screening and Partial Characterization of N Segment of Tomato Spotted Wilt Orthotospovirus in Pepper Plants at Mersin Province, Quratul Ain Sajid, Nida Ünlü, Eminur Elçi
  2. 15:15-15:30 189, Contribution of the Polyploidy to Horticultural Crop Diversity, Orkun GENCER, Sedat SERÇE
  3. 15:30-15:45 194, Role of microorganisms and fermentation inside the Rumen, Muhammad Umair Asghar, Martyna Magdalena Wilk, Sibel Canoğulları Doğan
  4. 15:45-16:00 217, Kalmodülün Bağlayıcı Transkripsiyon Faktörü (CAMTA) Ailesinin Kuraklık Toleransındaki Rollerinin Arabidopsis thaliana’da Belirlenmesi, Dilan Ateş, Emre Aksoy
  5. 16:00-16:15 223, Lavantadan (Lavandula angustifolia) toplam flavonoid maddelerin ultrases destekli ekstraksiyonunda etkili faktörlerin belirlenmesi, Hamza Alasalvar, Zeliha Yildirim
  6. 16:15-16:30 243, Patateste Potasyumun Yumru Kalitesi Üzerine Etkileri, RAMAZAN AYTEKİN, SEVGİ ÇALIŞKAN
  7. 16:30-16:45 324, Farklı Somatik Hücrelerle Kültüre Edilerek İn Vitro Koşullar Altında Üretilen Sığır Embriyolarının Dondurulması, Şeyma AYDEMİR, Fatin CEDDEN
  8. 16:45-17:00 338, Roles Of Fish Skin Mucus As Antibacterial In Fish Culture, Oluwatosin Ogunkalu, Ilknur Ucak

### SECTION 3.2- BIOLOGY AND BIOTECHNOLOGY

NOHU-Chair: Gazi Görür

ENU-Chair: Omarov Rustem

Technical Staf: Hüseyin Türker, [huseyinturker@ohu.edu.tr](mailto:huseyinturker@ohu.edu.tr)

# SECTION 3

Meeting (Microsoft Teams) link:

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TR Time

1. 15:00-15:15 323, Радон-индукцияланған өкпе ісігі бар науқастардағы miR-19b-3p экспрессия деңгейін талдау, Акмарал Арипова, Ольга Булгакова, Асия Қусаинова, Рахметқажы Берсімбаи
2. 15:15-15:30 336, Synthesis and functionalization of ferrite magnetic beads for bioseparation and biosensing applications, Yaşar Özer Yılmaz, Nahide Ekin Süslü, Esra Ağel, Birgül Benli
3. 15:30-15:45 384, Coprotus Korf & Kimbr.: A new coprophilous genus record for the mycobiota of Turkey, Mustafa Emre Akçay, Yunus Denğiz, Sedat Kesici
4. 15:45-16:00 82, A Neuroprotective Effect of the Complex Extract of Medicinal Mushroom and Herbal Medicin Against the Development of Alzheimer's Disease, Noureddine Djebli
5. 16:00-16:15 190, The Influence of Examination Stress on the Hemostasis Indicators of Students in the 9th and 11th Grades, Gulbubu Kurmanbekova, Salkyn Beishenalieva, Nurjamal Omurzakova, Bermet Kydyralieva
6. 16:15-16:30 36, TAŞELİ PLATOSU VE ERMENEK VADİSİ (ANTALYA-KARAMAN-MERSİN)'DEN C12 KARESİ İÇİN YENİ KAYIT BRİYOFİTLER, Ahmet Uygur, Tülay Ezer, Seher Karaman Erkul, Mevlüt Alataş
7. 16:30-16:45 106, Bitki Biyoçeşitliliğinin Ex-Situ Korunmasında Biyoteknolojik Yaklaşımlar, Hüseyin Türker, Bengü Türkyılmaz Ünal
8. 16:45-17:00 113, Karınca Dağı (Pozantı-Adana)'ndan Adana Bölümü (6b) İçin Yeni Kayıt Damarlı Bitkiler, Ali Keskin, Tülay Ezer, Seher Karaman Erkul, Mehtap Tekşen

SECTION 3.3- CHEMISTRY

NOHU-Chair: Ersen Turaç

ENU-Chair: Kopishev Eldar

KTMU-Chair:Ömer Faruk Öztürk

Technical Staf: İnci Yaşaroğlu, inci.yasaroglu@ohu.edu.tr

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TR Time

1. 15:00-15:15 16, Atık polietilen tereftalat şişesinden elde edilen N- açilhidrazidlerin su ortamında etil asetoasetat ile reaksiyonu, fatih eyduran, Süleyman Savran, Mutlu Çelikez
2. 15:15-15:30 40, POLİ (N İZOPROPİLAKRİLAMİD) HİDROJELLERİ VE NANOKOMPOZİTLERİNİN GERİLME GEVŞEMESİ KARAKTERİZASYONU, Necmi Düşünceli
3. 15:30-15:45 228, 2-aminofenoksi birimleri içeren yüksek çözünürlüğe sahip çinko(II) sentezi, karakterizasyon ve spektroskopik özellikleri, Fatih Mutlu, Ömer Faruk Öztürk, Mehmet Pişkin
4. 15:45-16:00 238, Yeni İndiyum(III) Asetat Ftalosiyanın Sentez ve Spektroskopik Özellikleri, Fatih Mutlu, Ömer Faruk Öztürk, Mehmet Pişkin
5. 16:00-16:15 280, Yeni Suda Çözünür İndiyum(III) Metalli Ftalosiyanın Sentezi ve Karakterizasyonu, Serkan Saruhan, Ömer Faruk Öztürk, Erdal Canpolat, Mehmet Pişkin
6. 16:15-16:30 326, EVALUATION OF INHIBITOR ACTIVITY OF SYRINGA VULGARIS (ANGIOSPERMAE) EXTRACT ON THE ACIDIC CORROSION OF MILD STEEL, Demet ÖZKIR
7. 16:30-16:45 327, ARAKNİD KİTİNİNİN BAZI AĞIR METALLERİN SULU ORTAMDAN UZAKLAŞTIRILMASI ÜZERİNE ETKİLERİNİN İNCELENMESİ, Yavuz SÜRME, Derya ATASEVER
8. 16:45-17:00 358, GRAFEN OKSİT, MANYETİK GRAFEN OKSİT VE NİKEL OKSİT/GRAFEN OKSİT KOMPOZİTLERİNİN SENTEZLENMESİ VE SULU ORTAMDA BULUNAN KADMIYUM VE KURŞUN İYONLARININ GİDERİLMESİNE UYGULANMASI, Yavuz SÜRME, Mustafa UÇAN, İbrahim NARİN

### SECTION 3.4- CONTROL, COMPUTER, ELECTRICAL, ELECTRONICS, AND MECHATRONICS ENGINEERING

NOHU-Chair: Mehmet Kürşat Yalçın

ENU-Chair: Zhumadillayeva Ainur

KTMU-Chair: Rita Ismailova

Technical Staf: Rıza Erhan Akdoğan, ariza@ohu.edu.tr

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[join/19%3aopNYtApzZORt2AKKxKXZmfcMfIPKIFgONXtSVasNLWw1%40thread.tacv2/1623142802199?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d](https://teams.microsoft.com//meetup-join/19%3aopNYtApzZORt2AKKxKXZmfcMfIPKIFgONXtSVasNLWw1%40thread.tacv2/1623142802199?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d)

TR Time

1. 15:00-15:15 370, Adaptive Fading Extended Kalman Filter Based IM Drive Improved with Feed-Foward Control of Load Torque, Rıdvan Demir, Recep Yıldız, Murat Barut
2. 15:15-15:30 274, Asenkron Motorun Durum ve Parametre Kestirimi İçin Karma Uyarlamalı Genişletilmiş Kalman Filtresinin Tasarımı, Gizem Özkurt, Emrah Zerdali
3. 15:30-15:45 394, MULTIBAND MICROSTRIP BANDPASS FILTER DESIGN, Elif GÜNTÜRKÜN ŞAHİN
4. 15:45-16:00 251, Artificial Noise Aided Secured Hybrid Precoder Design for mmWave Massive MIMO systems, Yasin KABALCI, Muhammad ALI
5. 16:00-16:15 64, Mekânsal Verilerin Depolandığı İlişkisel Veritabanı Metin Arama İşleminde Sorgu Optimizasyonu, Murat TAŞYÜREK

### SECTION 3.5- ENVIRONMENTAL ENGINEERING

NOHU-Chair: Mahmdi Muratçobanoğlu

ENU-Chair: Beisenova Raikhan

KTMU-Chair: Mehmet Kobya

Technical Staf: Kübra Nur Gül, kubragul@ohu.edu.tr

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TR Time

1. 15:00-15:15 132, Measuring some toxic metals in powdered Herb in local markets of Lahijan city-Iran, Ali Akbar Malekirad, Habiboollah Nazem, Mohammad Fazilati, Hossein Salavati, Ebrahim Alinia-Ahandani, Mhammad Rezaei
2. 15:15-15:30 386, Solar panel waste end-of-life material recycling, Edanur Topkaya, Birgül Benli
3. 15:30-15:45 261, METALS WITH PROPARGYL COMPOUNDS IN AN AGGRESSIVE ENVIRONMENT RESEARCH OF CORROSION AS INHIBITORS, Gulahmed Talybov, Fakhraddin Yusubov

### SECTION 3. 6- FOOD ENGINEERING

NOHU-Chair: Hasan USLU

KTMU-Chair: Anarseyit Deaydiev

Technical Staf: Mehmet Yetişen, mehmetyetisen@ohu.edu.tr

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[join/19%3aJGs6gomBtfqbbVVPaXLyaal0y4jWdQ9vYZD30jgGSfc1%40thread.tacv2/1623145332209?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d](https://teams.microsoft.com//meetup-join/19%3aJGs6gomBtfqbbVVPaXLyaal0y4jWdQ9vYZD30jgGSfc1%40thread.tacv2/1623145332209?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d)

TR Time

1. 15:00-15:15 133, FARKLI KURUTMA YÖNTEMLERİNİN VE ÖN İŞLEMİN KUŞKONMAZ (Asparagus officinalis) DİLİMLERİNİN RENK DEĞERLERİ ÜZERİNDEKİ ETKİSİNİN YANIT YÜZEY YÖNTEMİ İLE OPTİMİZASYONU, CEM BALTACIOĞLU
2. 15:15-15:30 138, EFFECT OF FERMENTED WASTE CARROT POWDER ADDITION ON MICROBIAL FLORA IN TARHANA FERMENTATION, Duygu ALTIPARMAK, Hasan TANGÜLER
3. 15:30-15:45 149, ŞEKER ŞURUPLARI ÜRETİMİ, GİDALARDA KULLANIMI VE SAĞLIK ÜZERİNE ETKİSİ, Sinem Coruk, Hande Baltacioğlu

- 150, KÜLTÜRLÜ VE KÜLTÜRSÜZ KREMADAN ÜRETİLEN TEREYAĞI VE SADEYAĞ ÖRNEKLERİNİN DEPOLAMA SÜRESİNCE LİPOLİTİK BAKTERİ VE MAYA-KÜF GELİŞİMİNİN BELİRLENMESİ VE KARŞILAŞTIRILMASI, TEKİN DEMİR, SEVAL ANDIÇ
4. 15:45-16:00
- 159, THE EFFECT OF SHALGAM BEVERAGE FERMENTATION RESIDUAL PRODUCTS OF SETIC AND TURNIP RADISH POWDER ON MICROBIAL CHANGE DURING TARHANA FERMENTATION, Aslıhan TATLISOY, hasan tangüler
5. 16:00-16:15
- 247, Evaluation of the Fouling Behaviour for Ultrafiltration of Blackberry Juice Using Resistance-in-Series Model, Kübra Elif Özkaleli, K. Savaş Bahçeci
6. 16:15-16:30

#### SECTION 4: 17:30-19:30 (TR TIME)

##### SECTION 4.1- AGRICULTURAL SCIENCES AND TECHNOLOGIES

NOHU-Chair: Ufuk Demirel

Technical Staf: İbrahim Köken, ibrahimkoken1@gmail.com

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TR Time

1. 17:30-17:45 368, Tomato: Source of Natural Bioactive Compounds and Medicines, Qurat ul Ain Sajid, Muhammad Yasir Naeem, Maliha Afreen, Muhammad Umair Asghar
2. 17:45-18:00 373, role of prebiotic inulin in ruminants nutrition, Maira Tariq, Sema Yaman
3. 18:00-18:15 383, SÜRDÜRÜLEBİLİR-İZLENEBİLİR TARIM: TARIM 4.0, Esra Deniz KARAGÖL, Nurhan KESKİN
4. 18:15-18:30 400, Nutritive values and methane emission from summer grass species from Northern Pakistan, Nazir Ahamd Khan
5. 18:30-18:45 401, The effects of rapeseeds inclusion in the diets of dairy cows on milk quality, A.-G. Oancea, C Dragomir
6. 18:45-19:00 116, PATATESTE VERİM ESASLI AZOTLU GÜBRE YÖNETİMİ, Mustafa AKKAMIŞ, Sevgi ÇALIŞKAN

##### SECTION 4.2- BIOLOGY AND BIOTECHNOLOGY

NOHU-Chair: Osman Seyyar

ENU-Chair: Omarov Rustem

KTMU-Chair: Kadyr Chekirov

Technical Staf: Hüseyin Türker, huseyinturker@ohu.edu.tr

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TR Time

1. 17:30-17:45 185, A KARYOLOGICAL STUDY ON Nannospalax ehrenbergi (Nehring, 1898) IN ADANA PROVINCE, Tuncay Tuluk, Cihan Düşgün, İlkey Civelek, Teoman Kankılıç
2. 17:45-18:00 289, Bakteriyel Biyofilmlerin Uzaklaştırılması İçin Alternatif Bir Yöntem Olarak Bakteriyofajlar, Nida Nur URGANCI, Zeliha YILDIRIM
3. 18:00-18:15 329, Mr, Khalil Ahmad, Habib Ur Rehman Shah, Muhammad Ashfaq, Asif Ayub
4. 18:15-18:30 392, TOXICITY AND HYPOGLYCAEMIC ACTIVITY OF PICRALIMA NITIDA (STAPF) T. DURAND & H. DURAND, Alida Edwige ODOH, Yvette FOFIÉ, Diéneba KONE-BAMBA
5. 18:30-18:45 395, Natural products: a valuable approach for boasting functional restoration in induced Sciatic nerve lesion scenario, Ghulam Hussain, Azhar Rasul, Haseeb Anwar, Shamaila Zafar, Javeria Maqbool, Faiqa Sajid, Rabia
6. 18:45-19:00 318, PHYTOPLANKTON OF ZAB RIVER IN NORTHERN IRAQ, Gunes PALA, Metin CAGLAR, Rzgar Rashid, Zeliha SELAMOGLU
7. 19:00-19:15 187, A Cytogenetic Study On Nannospalax Xanthodon In Adana (Kozan) Province, Tuncay Tuluk İlkey Civelek Cihan Düşgün Teoman Kankılıç

SECTION 4.3- CHEMISTRY

NOHU-Chair: Yavuz Sürme

ENU-Chair: Kopsishev Eldar

KTMU: Hilal Demir

Technical Staf: Gizem Kahve Yıldırım, gizem.kahveyildirim@mail.ohu.edu.tr

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TR Time

1. 17:30-17:45

125, Prediction of the formation of chlorine-containing substances during the destruction of sovol in a gas-liquid medium with the participation of metal oxides, Zarlyk Maimekov, Damira Sambaeva, Timur Maimekov, 286, SDUDY OF ANTIMICROBIAL PROPERTIES OF DICHORO-DIAZABUTADIENE SYNTHESIZED BASED ON THE 4-CHLOROBENZALDEHYDE, G.T. SULEYMANOVA, Kh.N BAGİROVA, D.S. GAFAROVA, K.K. Badalova, N.G.

2. 17:45-18:00

330, Karbon nanotüp destekli Ru, Pd ve Pt modifiye camısı karbon elektroduna dayalı L-sisteinin hassas elektrokimyasal tespiti, Kadir SELÇUK, Ömer Faruk ER, Hilal DEMİR KIVRAK, Nahit AKTAŞ

3. 18:00-18:15

## 21th June 2021

### Introduction and Cooperation Meeting of Departments

TR Time

10:00-11:00	<p>SECTION 5.1- AGRICULTURAL SCIENCES AND TECHNOLOGIES NOHU-Chair: Halil Toktay</p> <p>Meeting (Microsoft Teams) link:</p> <p><a href="https://teams.microsoft.com/l/meetup-join/19%3a8AgwAFi2RjQ9fEc044c1QbDzh9PpLypri1B64oEgXmA1%40thread.tacv2/1623516881086?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d">https://teams.microsoft.com/l/meetup-join/19%3a8AgwAFi2RjQ9fEc044c1QbDzh9PpLypri1B64oEgXmA1%40thread.tacv2/1623516881086?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d</a></p>
10:00-11:00	<p>SECTION 5.2- ARCHITECTURE-CIVIL ENGINEERING NOHU-Chair: Hakan Karaca</p> <p>Meeting (Microsoft Teams) link:</p> <p><a href="https://teams.microsoft.com/l/meetup-join/19%3aeRJBNSuDijYsfjCaQJynoE2O991xi-N-EzD6g2BPZB81%40thread.tacv2/1623517223172?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d">https://teams.microsoft.com/l/meetup-join/19%3aeRJBNSuDijYsfjCaQJynoE2O991xi-N-EzD6g2BPZB81%40thread.tacv2/1623517223172?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d</a></p>
10:00-11:00	<p>SECTION 5.3- BIOLOGY AND BIOTECHNOLOGY NOHU-Chair: Esin Canlı</p> <p>Meeting (Microsoft Teams) link:</p> <p><a href="https://teams.microsoft.com/l/meetup-join/19%3aZrBLxXFzOiGzamRJLI-dv-PLo5h9WzcrvyNilYdjdg1%40thread.tacv2/1623516965583?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d">https://teams.microsoft.com/l/meetup-join/19%3aZrBLxXFzOiGzamRJLI-dv-PLo5h9WzcrvyNilYdjdg1%40thread.tacv2/1623516965583?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d</a></p>
	<p>SECTION 5.4- CHEMISTRY NOHU-Chair: Ersen Turaç</p>

SECTION 5



10:00-11:00	<p>Meeting (Microsoft Teams) link:</p> <p><a href="https://teams.microsoft.com/l/meetup-join/19%3a-urlXSb7-Qp-b4TtbFSyQSRG31JNyhKCr0miOaiods1%40thread.tacv2/1623517426306?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d">https://teams.microsoft.com/l/meetup-join/19%3a-urlXSb7-Qp-b4TtbFSyQSRG31JNyhKCr0miOaiods1%40thread.tacv2/1623517426306?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d</a></p>
10:00-11:00	<p>SECTION 5.5- CONTROL, COMPUTER, ELECTRICAL, ELECTRONICS, AND MECHATRONICS ENGINEERING NOHU-Chair: Yasemin Altuncu</p> <p>Meeting (Microsoft Teams) link:</p> <p><a href="https://teams.microsoft.com/l/meetup-join/19%3aopNYtApzZORt2AKKxKXZmfcMfIPKIFgONXtSVasNLWw1%40thread.tacv2/1623517835033?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d">https://teams.microsoft.com/l/meetup-join/19%3aopNYtApzZORt2AKKxKXZmfcMfIPKIFgONXtSVasNLWw1%40thread.tacv2/1623517835033?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d</a></p>

10:00-11:00	<p>SECTION 5.6- ENVIRONMENTAL ENGINEERING NOHU-Chair: Neslihan Doğan Sağlamtimur</p> <p>Meeting (Microsoft Teams) link:</p> <p><a href="https://teams.microsoft.com/l/meetup-join/19%3amPBDD53EV3wKlmcaClBek3E8VOizUcoSulcyyJbPeRi1%40thread.tacv2/1623518028462?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d">https://teams.microsoft.com/l/meetup-join/19%3amPBDD53EV3wKlmcaClBek3E8VOizUcoSulcyyJbPeRi1%40thread.tacv2/1623518028462?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d</a></p>
10:00-11:00	<p>SECTION 5. 7- FOOD ENGINEERING NOHU-Chair: Zeliha Yıldırım</p> <p>Meeting (Microsoft Teams) link:</p> <p><a href="https://teams.microsoft.com/l/meetup-join/19%3amPBDD53EV3wKlmcaClBek3E8VOizUcoSulcyyJbPeRi1%40thread.tacv2/1623518028462?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d">https://teams.microsoft.com/l/meetup-join/19%3amPBDD53EV3wKlmcaClBek3E8VOizUcoSulcyyJbPeRi1%40thread.tacv2/1623518028462?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d</a></p>
10:00-11:00	<p>SECTION 5.8- GEOLOGICAL, GEOMATICS AND MINING ENGINEERING NOHU-Chair: Kutalmış Gümüş</p> <p>Meeting (Microsoft Teams) link:</p> <p><a href="https://teams.microsoft.com/l/meetup-join/19%3a9PlzH0iqJDUUpZVNi2VlBvA58gkLM_yil4LTdyYB7VU1%40thread.tacv2/1623518300634?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d">https://teams.microsoft.com/l/meetup-join/19%3a9PlzH0iqJDUUpZVNi2VlBvA58gkLM_yil4LTdyYB7VU1%40thread.tacv2/1623518300634?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d</a></p>
	<p>SECTION 5.9-MECHANICAL, METALLURGICAL, AND MATERIALS ENGINEERING NOHU-Chair: Bora Timurkutluk</p>

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10:00-11:00	<p>Meeting (Microsoft Teams) link:</p> <p><a href="https://teams.microsoft.com/l/meetup-join/19%3aaankj0t3eUvjAV2cVD3IDvZm66d-KYOhixxdjJHjPrg1%40thread.tacv2/1623518425842?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d">https://teams.microsoft.com/l/meetup-join/19%3aaankj0t3eUvjAV2cVD3IDvZm66d-KYOhixxdjJHjPrg1%40thread.tacv2/1623518425842?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d</a></p>
10:00-11:00	<p>SECTION 5.10- PHYSICS-MATHEMATICS NOHU-Chair: Sefa Ertürk</p> <p>Meeting (Microsoft Teams) link:</p> <p><a href="https://teams.microsoft.com/l/meetup-join/19%3aZyuzgUDv20dJ9-Oypq4bbTAIBev1NRftcxgFuqlZbak1%40thread.tacv2/1623518609738?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d">https://teams.microsoft.com/l/meetup-join/19%3aZyuzgUDv20dJ9-Oypq4bbTAIBev1NRftcxgFuqlZbak1%40thread.tacv2/1623518609738?context=%7b%22Tid%22%3a%22da8fc107-2de1-436a-a756-dd42714c58a9%22%2c%22Oid%22%3a%2254f76543-e587-44d0-bda6-fb3638825875%22%7d</a></p>