

PROGRAMME BOOK



6th INTERNATIONAL EURASIAN CONFERENCE ON **SCIENCE, ENGINEERING and TECHNOLOGY**

(EurasianSciEnTech 2025)

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6th International Eurasian Conference on
Science, Engineering and Technology
(EurasianSciEnTech 2025)

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Ankara, Turkey

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PROGRAMME BOOK



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*This list is arranged in alphabetical order.



ORAL PRESENTATIONS		
25 June 2025	SESSION 1	Time 09:00 – 10:30
Session 1.1 / 09:00 – 10:30		Session Chair : Assist. Prof. Dr. Turgut Sönmez
1	112-Adsorptive Stripping Voltammetric Determination of Apigenine on a Glassy Carbon Electrode Improved by The Use of Surfactant Pınar Talay Pınar*	
2	578-From Waste to Worth: Sustainable Nanofibers from <i>Aloe vera</i> and Recycled Polystyrene Fatma Rabia Karaduman*	
3	377-Synthesis and characterization of graphene-derived materials as a composite additive Elif Aydın*, Emine Ekinici, Birce Pekmezci Karaman	
4	556-Preparation and Characterization of N-doped Graphene Oxide-Based Hybrid Metal Oxide Composite Anode Materials for Button Cell Applications Alican Çördük*, Zekerya Dursun	
5	586-Cyclic amine linked <i>p</i> -benzoquinones and their antimicrobial analyses Mahmut Yıldız*, Hatice Yıldırım, Nilüfer Bayrak, Selin Melis Çakmak, Emel Mataracı-Kara, Berna Özbek-Çelik, Amaç Fatih Tuynun	
6	591-Degradation and mineralization of acid fuchsin dye from aqueous media by means of electrochemical water treatment methods Selen Özdemir, Elif Nesli Yanık, Melis Genç, Eylül Öztürk, Ceren Eğilmezcan, Baran Özyurt, Şule Camcıoğlu*	
7	25-Electrochemical Surface Modification of Screen-Printed Gold Electrodes for Enhanced Performance and Kinetics Turgut Sönmez	
Discussion		
Break (10:30 – 11:00)		

Session 1.2 / 09:00 – 10:30		Session Chair : Assoc. Prof. Dr. Hülya Hoşgören
1	74-Revolutionizing Skincare: The Rise of Probiotics in the Cosmetic Market Tuba AVCI , Ebru UYAR	
2	152-Biological Control Potential of EPNs Against the Citrus Mealybug Şebnem Hazal GÜLŞEN*	
3	171-L-Alanin, L-İzöloşin, ve L-Valin Amino Asit Metil Esterlerinin <i>Candida albicans</i> ile Bazı Gram pozitif ve Gram negatif Bakteri Suşlarına Karşı Antimikrobiyal Etkilerinin Araştırılması Tuğçe Deniz Karaca*, Gülcan Şahal, Handan Sevim Akan	
4	186-The Oral Microbiota and Its Relation to Oral Health and Systemic Diseases: A comprehensive Review Abdulridha Taha Sarhan	
5	300-A faunistic survey on wild bees of the Aegean region, Türkiye Serap SENOL TUNCAY*, Baris GULCU, Canan HAZIR, Harun CIMEN, Mustapha TOURAY, Sebnem Hazal GULSEN, Selcuk HAZIR	
6	355-Antimicrobial target identification in <i>Vibrio cholerae</i> via reporter metabolite analysis Fatma Gizem Avci*	
7	418-Effect of <i>Alcea rosea</i> var. <i>nigra</i> flower extract on cancerous and non-cancerous pleural mesothelial cells Israt JAHAN*	
8	420-Park ve Bahçelerde Bulunan Zehirli Bitkiler ve Bunların Tıbbi Kullanımları Üzerine Bir İnceleme Hülya Hoşgören*	
Discussion		
Break (10:30 – 11:00)		

Session 1.3 / 09:00 – 10:30		Session Chair : Assist. Prof. Dr. Sedat Ssler
1	169- Machine Strength Grading of Fir Structural Boards According to TS EN 14081-2 Standards. Fatih Kurul*	
2	175- Comparison of Dimensional Accuracy Performance of PLA Filament in 3d FDM Printing Sedanur SEKER*	
3	218- İndiyum monotellrde dayalı ileri malzemelerin elde edilmesi ve bazı termofiziksel özellikleri Çingiz Abilov*, Mehriban Hasanova, Elmira Gasimova, Nigar Huseynova	
4	375- A comparative investigation on short-beam strength of 3D-printed hybrid curved composites Sedat Ssler*	
5	487- Cadmium (II) Adsorption from Aqueous Media using Mercapto-Functionalized Silica Xerogels Selay Sert Çok*, Zoltán Dudás	
6	491- Synthesis and optical properties of erbium-doped lithium calcium borate (Li₆CaB₃O_{8.5}:Er³⁺) Mkremin Yılmaz*	
7	520- İnce kesitli kresel dkme demirlerde dkm sıcaklıđı, kesit kalınlıđı ve ısıl iřlem parametrelerinin mikro yapı ve sertliđe etkisi Bekir Yavuzer*, Yakup Ege, Murat Kaya, Yasin Kartal, Cem Çapanođlu	
8	225- Magnetic Characterization of Pt₁₇Cu₁₄Ni₆₉ Nanoparticles with Enhanced Low-Temperature Magnetic Stability Ilknur Baldan Isik*, Dogan Kaya, Hasan Huseyin Isik, Faruk Karadađ, Ahmet Ekicibil	
Discussion		
Break (10:30 – 11:00)		

Session 1.4 / 09:00 – 10:30		Session Chair : Assist. Prof. Dr. Tuđba Trkođlu Kaya
1	51- Localizing fetal skulls by fitting Umut Konur*	
2	96- Çok Ölçtl Grup Öneri Sistemlerinde Poplerlik Yanlılıđı Tuđba Trkođlu Kaya*	
3	106- Diabetes Classification Using MLP, SVM and Random Forest Taha ETEM*	
4	197- Time – space tradeoff in array merging problem Subhan Guliyev*, Mehmet Emin Dalkilic	
5	243- Manual or Automated? A UI Testing Comparison Zeynep Ceren BAYRAM, Gulfem ISIKLAR ALPTEKIN	
6	247- Identification and Classification of Entity Names in Turkish Celebrity News Contents Merve Adak, Mehmet Dikmen	
7	277- Applying AlphaZero to a Simultaneous Fixed-Sum Game: Rock-Paper-Scissors-Minus One Tuđba Cořkun*	
8	293- Development of a Renewable Energy-Powered Autonomous Irrigation System for Sustainable Landscape Management Muhammed Enes Kandemir, Eren Gler, Hseyin Grgn, Gkhan Yavuz, Hakan Temiz	
Discussion		
Break (10:30 – 11:00)		

Session 1.5 / 09:00 – 10:30		Session Chair : Assist. Prof. Dr. Oğuzhan Koçer
1	39-Investigation of the Material Effect on Rotor Mechanical Stress Yusuf Bello Saleh* , Abdullahi Abba Abdullahi	
2	46-Optimizing Renewable Energy Integration in the Kurdistan Province Microgrid: A Comparative Analysis of Feed-in Tariff and Net Metering Policies Foad Karimi Ghaleh Jough*, Mohammadreza Gholami	
3	101-Design Optimization of Corona Rings for Electric Field Control Using Finite Element Analysis Burak Esenboğa*	
4	155-Pedestrian Detection and Target Classification in Urban Forestry Environment with FMCW Automotive Radar and CNN Serdar Sarigul* , Yunus Egi , Harun Taha Hayvaci	
5	216-Neural network-driven perturbation and observation method for global maximum power point tracking in PV systems Hatice Gül Sezgin-Ugranlı	
6	310-Erbiyum Katkılı Fiber Yükselteç ile Farklı Senaryolarda Oluşturulan Düzeneklerde Çıkış Kazancı ve Gürültü Analizi Kahraman ZAIM*, Murat YÜCEL, Mustafa Serdar OSMANCA	
7	376-Effect of organic alizarin sensitizer on the efficiency of TiO₂-based dye-sensitized solar cells under different light intensities Fatih Akpınar* , Sümeyra Tuna Yıldırım, Sefa Gözcü, Aykut Astam, Memet Ali Yıldırım	
8	341-A Comparative Analysis of Tracking Algorithms Used On The Ground-Based Platform To Monitor Moving Targets Kübra PAPÜR, Nebi GÜL, Ömer Faruk ELALDI, Murat UÇUNCÜ	
Discussion		
Break (10:30 - 11:00)		

ORAL PRESENTATIONS		
25 June 2025	SESSION 2	Time 11:00 – 12:30
Session 2.1 / 11:00 – 12:30		Session Chair : Dr. Pınar Yumrutaş
1	107- The Biotechnological Importance of Keratin and its Isolation Process from Waste Hair Samples Özlem BİÇEN ÜNLÜER	
2	205- Investigation of Potential Antiviral Activity of <i>Hypericum perforatum</i> Extract Against SARS-CoV-2 Gülşah Akbaş, Jenya Dursun, Şeyma Aydınlık, Yüksel Çetin*	
3	327- Potential effects of <i>Moluccella leavis</i>-silver nanoparticles on lung cancer cell viability and apoptotic cell death Pınar Yumrutaş, Mustafa Pehlivan, Demet Taşdemir, Pınar Aksoy, Yağmur Töremişoğlu, Önder Yumrutaş	
4	334- Repositioning Existing Drugs to Target DNMT3A in Liver Cancer: A Site-Focused Structural Approach Shatha Khadra , Nasma Anjrini, Tugba Bal*	
5	511- Mikroalglerin sürdürülebilir bir üretim için uygulama alanları üzerine güncel bir inceleme Melike Yalçinkaya* , Seda Balkan	
6	527- Elektrosprey ve 3B Biyoyazıcı Yöntemleri ile <i>Cinchona</i> Ekstresi ve Arap Zamkı İçeren Fonksiyonel Yara Örtülerinin Geliştirilmesi Ceylan Büyüктаş*, Sinem Koçer , Azime Erarslan , Anıl Tevfik Koçer	
7	584- Evaluation of Blueberry Pruning Waste as Antimicrobial Agent in Edible Film Content Containing Probiotic Ali Sağlam, Mehmet Cobanoglu, Merve Alan, Meltem Asan-Ozusaglam*	
8	587- Development of Edible Composite Film with Clove Extract and Probiotic to Improve Strawberry Shelf Life Ali Sağlam, Mehmet Cobanoglu, Merve Alan, Meltem Asan-Ozusaglam*	
Discussion		
Break (12:30 - 13:00)		
Session 2.2 / 11:00 – 12:30		Session Chair : Assoc. Prof. Dr. Özge Temiz
1	148- Mancozeb Toksisitesinin Nil Tilapiası <i>Oreochromis niloticus</i>'un Solungaçlarında SOD enzim aktivitesine etkisi Özge TEMİZ*	
2	149- İmidacloprid Toksisitesinin <i>Oreochromis niloticus</i> Beyin dokusunda Asetilkolinesteraz Aktivitelerinde Oluşan Yanıtlar Özge Temiz*	
3	297- Genetic identification of <i>Myomimus roachi</i> (Rodentia: Gliridae) from Türkiye using DNA barcoding Ercüment Çolak, Engin Selvi* , Teoman Kankılıç, Perinçek Seçkinozan ŞEKER*, Reyhan Çolak, Nuri Yiğit	
4	512- Granulocyte: the key hemocyte of humoral and cell-mediated immunity Serhat KAYA*	
5	551- <i>Hypericum perforatum</i> Modulates Innate Immune Responses in <i>Galleria mellonella</i>: A Dose-Dependent Analysis Serhat KAYA*	
6	673- Nanoplastic Toxicity in Fish: The Trojan Horse Effect Firas MUHAMMED, Demet DOGAN	
7	677- Understanding Pesticide Toxicity in Fish: Detoxification versus Bioactivation Tarek FAKHEREDDIN, Demet DOGAN	
Discussion		
Break (12:30 - 13:00)		

Session 2.3 / 11:00 – 12:30		Session Chair : Assoc. Prof. Dr. Fadime Özdemir
1	154-Differential effects of lipopolysaccharide and SARS-CoV-2 spike protein on RAS-related gene expression in normal and colon cancer epithelial cells Aysegul Yilmaz*, Safiye Gocer	
2	265-Bottled Drinking Water And Microbiological Quality Amilda Ballata, Zenilda Cilaj	
3	398-Determination of antibacterial, antifungal, and insecticidal effects of secondary metabolites from entomopathogenic fungi Seda BİRYOL*, Ali SOYDİNÇ, Mehtap USTA, Sevda IŞIK	
4	458-Antiquorum Sensing and Antibiofilm Potentials of <i>Origanum vulgare</i> L. Ayşegül Akkoyunlu*, Görkem Dülger, Başaran Dülger	
5	606-Effects of Olive Leaf Extract on Enzyme Activities of Actinobacteria Isolates and Molecular Identification of Isolates Fadime Özdemir*, Öznur Bilgin, Fatih Tozoğlu	
6	607-To Compare maternal outcomes among pregnant woman with COVID-19 infection, stratified by body mass index : normal weight, overweight and obesity. Vera Beca* Mirela Rista, Daniela Nakuci, Eliona Demaliaj	
7	682- Toprakta mikroplastik (MP) kirliliğinin mikrobiyal ekoloji üzerindeki etkileri Derya IŞLER CEYHAN	
Discussion		
Break (12:30 - 13:00)		

Session 2.4 / 11:00 – 12:30		Session Chair : Prof. Dr. Murat Aydın
1	81-The Effect of Nano-Hydroxyapatite Forms on the Growth of Barley Plants Grown in Hydroponic Conditions Under Combined Boron and Salinity Stress Mehmet Burak Taskin*	
2	396-Arıtma çamurunun sorgum yetiştiriciliğinde kullanım potansiyeli Mustafa Kutay Karadayı*, Osman Sönmez, Fatma Nur Kılıç	
3	423-Tarım İşletmeleri ve Sürdürülebilirlik Perspektifinden IV. Tarım Orman Şûrası Kararları Hüseyin Tayyar Güldal*	
4	562-Potassium Uptake, Transport, and Use Efficiency: Molecular and Biotechnological Perspectives Esmâ Yiğider, SümeYra Uçar, Murat Aydın*, Ertan Yıldırım	
5	589-Thermal and Chemical Assessment of Rolled Tobacco from Two Turkish Regions: Aegean and Southeast Pelin Güzel, Doğa Topcu, Deniz Uykun Mangaloğlu*, Işık Çoban	
6	597-Optimization of Bioethanol Production from Tobacco and Tobacco Product Wastes Ayşenur Uzunbay, Emrullah Yılmaz, Betül Taşbakır, Pelin Güzel*, Deniz Uykun Mangaloğlu, Işık Çoban	
7	689- Effects of The Diatomaceous Earth and Entomopathogenic Fungi Against The Tomato Leafminer Moth, <i>Tuta absoluta</i> (Meyrick) [Lepidoptera: Gelechiidae] in Field Condition. Zainelabdin Adam Mohammed Ali, Orkun Barış KOVANCI	
8	661- Pharmacological Potential of Essential Oils: Current Approaches to Naturally Sourced Therapeutic Agents Oguzhan Koçer	
Discussion		
Break (12:30 - 13:00)		

Session 2.5 / 11:00 – 12:30		Session Chair : Assist. Prof. Dr. Nurdan Yazıcı
1	111- <i>In vitro</i> and <i>in silico</i> evaluation of schiff base and bis- α -aminophosphonate derivatives as potent α -glucosidase ve tyrosinaze inhibitors Emel Ekinici*, Harun Çiftçi, Şevki Adem, Özlem Gündoğdu Aytaç	
2	157-Effects of <i>craterellus lutescens</i> (chick) fungus on peroxidation of olive oil Ayşegül KARAPINAR ARİF*, Baran ÖNER, Yağız Ege TAŞKIRAN	
3	295-Sustainable Production from Waste Rooster Combs: High-Purity Hyaluronic Acid Isolation and Structural Analysis Banuay Coşkun	
4	317- <i>In vitro</i> evaluation of a dual drug-loaded delivery system for the treatment of hepatocellular carcinoma Ümmühan Fulden Aydın*, Şenay Şanlıer, Abdullah Tuli	
5	380-Protective Effect of <i>Cotinus coggygia</i> Scop. Extract on Ethanol-Induced Kidney Damage Fatma Gulnaz Karakus *, Sevim Tunali, Refiye Yanardag	
6	382-Protective Effects of <i>Cotinus coggygia</i> Scop. Extract Against Ethanol-Induced Glycosylation Anomalies in Small Intestinal Tissue Fatma Gulnaz Karakus *, Sevim Tunali, Refiye Yanardag	
7	629- Immobilization of Urease on Cellulose Nanocrystals via Different Modifications Elif TOKU*, Özlem ALPTEKİN, Serap YALIN	
8	693- A Preliminary Evaluation of Bioactive Compounds in <i>Galium divaricatum</i> Nurdan Yazıcı*, Ayşenur Koçan, Hava Dudu Cavlak	
Discussion		
Break (12:30 - 13:00)		

ORAL PRESENTATIONS		
25 June 2025	SESSION 3	Time 13:00 – 14:30
Session 3.1 / 13:00 – 14:30		Session Chair : Assist. Prof. Dr. Oğuzhan Koçer
1	644-Radiation Shielding Properties of Gd ₂ O ₃ Reinforcement Paraffin Materials: MCNP6.2 Simulation Analysis Seyit Çağlar*	
2	123-Green <i>Papaver somniferum L.</i> seed and shell extract in a 1 M HCl solution for mild steel corrosion prevention Reşit Yıldız , Selim Arslanhan*	
3	374-Finite Element Analysis of Natural Rubber-Based Damping Components Nedimcan ÖNDER* , Hasan KASIM	
4	538-High-Performance X-Band microwave absorbers: Synergistic effects of MoS ₂ , CoFe ₂ O ₄ , and conducting polymer coating Burak Kıvrak* , Hasan Akyıldız, Oğuzhan Akgöl, Muharrem Karaaslan, Mustafa Akyol	
5	48-Powder metallurgical synthesis and characterization of Al-10 wt.% Si-x(Hf _{0.2} Ti _{0.2} Zr _{0.2} V _{0.2} Ta _{0.2})B ₂ İlayda Süzer, Duygu Ağaoğulları	
6	698- Influence of Shot Peening on Surface Residual Stress and Microstructure Evolutions of R260 Rail Steel Ahmet Deveci, Harun Mindivan*	
7	699- Influence of Shot Peening on Impact-Sliding Wear Behaviour of R260 Rail Steel Ahmet Deveci, Harun Mindivan*	
Discussion		
Break (14:30 - 15:00)		

Session 3.2 / 13:00 – 14:30		Session Chair : Assist. Prof. Dr. Altan Onat
1	399-Ortaöğretim Kurumları İçin Çok Kriterli Karar Verme Tabanlı Sürdürülebilirlik Skorlama Algoritması Geliştirilmesi İbrahim Işıklı, Bayram Köse, Serkan Ansay, Nejdet Çelik, Ahmet İstek	
2	410-Araçtan şebekeye (V2G) şarj teknolojisinin enerji yönetimi açısından değerlendirilmesi Mahammad Muradzade* İbrahim Gürsu TEKDEMİR	
3	442-Voltage Regulation Analysis with PV System Integration: A Campus Distribution Network Case Study Berk Tuncer* , Engin Cetin	
4	468-Uplink-NOMA Transmission over Málaga Channels Kardeş Aslan* , Tansal Güçlüoğlu	
5	488-Millimeter-Wave Radar for Short-Range Mobility Detection Mehmet Ziya Keskin* , Abdulkadir Yentür, İbrahim Tuna Özdür, Veli Tayfun Kılıç	
6	613-Performance Analysis of Metaheuristic Algorithms in the Parameter Tuning of BLDC Motor PID Controllers Abdulkadir YILMAZ, Murat DEMİR	
7	634-Application of a New Numerical Approach for Neural Ordinary Differential Equations Altan Onat*	
8	683- Scalability analysis and performance evaluation of massive MIMO network Onem Yildiz	
Discussion		
Break (14:30 - 15:00)		

Session 3.3 / 13:00 – 14:30		Session Chair : Assoc. Prof. Dr. Alevcan Kaplan
1	440-Antileishmanial activity and chemical composition of fractions from an endophytic fungus, AMrb9 inhabiting Cameroonian <i>Annona muricata</i> L. (Annonaceae) Victorine Lorette Yimgang*, Eric Coffie, Barbara Zenabu Anibea, Christine Achia Antwi, Theresa Manful Gwira, Rufin Marie Toghue Kouipou, Alevcan Kaplan, Dorcas Osei Safo, Fabrice Fekam Boyom	
2	482-Transcript levels of genes encoding pyroptotic effector proteins in triple-negative breast cancer (TNBC) and non-TNBC, and based on hormone receptor (HR) and HER2 status Caglar BERKEL*	
3	590-Toxicological Effects of Phosmet on <i>Eisenia fetida</i> : Oxidative Stress, Energy Reserves, Enzymatic Responses and Histopathological Alterations Muhterem Elif Demirağ*, Esra Akat Çömnden	
4	608-Evaluation of Solvent Type and Concentration on the Extraction Efficiency of Phenolic Compounds from <i>Urtica dioica</i> Hussein Abbas Lazim Maliki*, Esra Gökçe Gündüzer	
5	636- <i>In vivo</i> phage display in targeted drug delivery applications Sema Karabudak*	
6	649-Sustainable Pasture Management Through Community Engagement: Preserving Ecosystem Services in Korab-Koritnik National Park, Albania Mihallaq Qirjo*, Ani Ahmetaj	
7	657-Climate Change and Fungal Biodiversity: Risks and Adaptation Mustafa SEVİNDİK*	
8	659-Medicinal Mushrooms as Emerging Natural Adjuncts in Cancer Therapy Emre Cem Eraslan*	
Discussion		
Break (14:30 - 15:00)		

Session 3.4 / 13:00 – 14:30		Session Chair : Assist. Prof. Dr. Khaled M. Chahrour
1	94- Electrocatalysis of Carbon Dioxide into Green Energy Resources Using Metal Nanoparticles Coupled with Metal Oxide Nanocomposite *Mulatu Kassie Birhanu, Fatma Doğan Güzel	
2	184- Elastic and Mechanical Property Enhancement of NASICON-Type LATP via Indium Doping: Implications for Solid-State Li-Ion Battery Applications Savaş Şehirli*, Yasemin Çiftçi, Gültekin Çelik, Fatih Öksüzoğlu	
3	213- The Effect of Ultrasonic-Assisted Cellulose Nanocrystalline Dispersion on the Epoxy Coating for Anti-Corrosion Resistance Mohammed H. Aldulaimi, Khaled M. Chahrour, Hayrettin Ahlatçı, Kenza Djebaria	
4	558- Structural and Antibacterial Activity Properties of Lignite-Derived Carbon Coating on Ceramic Tiles Emre Dal*, Fatma Sarf, Emin Yakar	
5	466- Synthesis of Silver Nanoparticles by Green Chemistry Using St. John's Wort Extract and Investigation of Their Antimicrobial Properties Ayşe Hatun Poyraz*, Şeymanur Köse, Gülşah Çelik Gül Seda Beyaz	
6	557- The single crystal x-ray crystallographic elucidation of thiazole-based heterocycles with supramolecular interactions Zeynep Türkmen Bulca*, Abdullah Biçer, Erdal Kurt, Gül Özkan	
7	617- The Modification of Partial Oxidation Based Magnetic Nanoparticles with Cyclodextrin and Application in Magnetic Hyperthermia Miray Senkal*, Cem L. Altan	
Discussion		
Break (14:30 - 15:00)		

Session 3.5 / 13:00 – 14:30		Session Chair : Assist. Prof. Dr. Celal Bal
1	109-Photoremoval of Dissolved Organic Waste and Dielectric-Energy Storage with Sm-CuO/ZnO/CuMn ₂ O ₄ Tri-Composite Delia Teresa Sponza, Rukiye Öztekin	
2	304-Determination of the role of fullereneol and green-synthesized iron nanoparticles in enhancing drought tolerance in safflower plants through photochemical mechanisms Şeküre ÇULHA ERDAL	
3	371-Production and Characterization of Biochar from Cabbage Waste Using Hydrothermal Carbonization Koray ALPER* ^f	
4	475-Aritılmış atıksuların tarımsal sulamada kullanımı Zeynep Nur Savaştaer, Özlem Demir	
5	501-Measuring Perceived Accessibility: The Role of Subjective Experiences in Transportation Planning Zehra Özçelik	
6	675-Impact of climate change on sustainability of agricultural food security Gülcan Çınar*, Muhittin Doğan	
7	676-Effect of nanotechnological applications used in agricultural production on food safety Gülcan Çınar*, Muhittin Doğan	
Discussion		
Break (14:30 - 15:00)		

ORAL PRESENTATIONS		
25 June 2025	SESSION 4	Time 15:00 – 16:30
Session 4.1 / 15:00 – 16:30		Session Chair : Assist. Prof. Dr. Bihter Şahin
1	326- Impact of Methyl Substitution on Photocatalytic Activity of BODIPY-Thiophene-Integrated COP-TiO₂ Systems Kübra Turgut, Mücahit Özdemir, Gizem Yıldız, Bahattin Yalçın, Sermet Koyuncu, Baybars Köksoye, İmren Hatay Patır*	
2	330- PVC Kenar Bandı Üretim Kalitesinin İyileştirilmesi İçin Plastifiyan Miktarının Artırılması Samet FİLİZ*, Ertuğ YILDIRIM, İsmail Bilgin DEMİRCİ	
3	619- Thermo-Responsive Structural Transitions of Graphene-Grafted PNIPAM–PLGA Polymer Brushes Explored by DPD Atakan Meran*	
4	41- Determination of Chemical Content, Cholinesterase Enzyme and Tyrosinase Enzyme Activities of <i>Citrus hystrix</i> Extracts Bihter Şahin*, Beyda Toğluk	
5	136- Hydrochar production from oil-extracted spent coffee grounds by hydrothermal carbonization Elvan Derya, Tülay Güngören-Madenoglu*	
6	681- A New Smartphone-Assisted Near-Infrared Fluorescent Probe for Visual Detection of Mercury(II) in Food and Water Samples Emre Ozdemir, Yusuf Alcaay, Ozgur Yavuz, Muhammed İkbāl Gunduz, İsmail Yılmaz*	
7	680- Synthesis and Characterization of a Novel Chromenylum-Cyanine Type Compound Yusuf Alcaay, İsmail Yılmaz	
Discussion		

Session 4.2 / 15:00 – 16:30		Session Chair : Assist. Prof. Dr. Ecem Gökoğlan
1	14- Hormone-related risk factors for breast cancer based on estrogen and progesterone receptor status- a retrospective study from Albania. Albina Hasa, Merita Xhetani, Floriana Marku	
2	21- HER-2/neu receptor expression in breast cancer among Albanian females. Albina Hasa, Merita Xhetani,	
3	64- Fast Food Consumption Trends: A Comparative International Analysis and Standardisation of Measurement Methods Mirva Hoxha, Admir Nake	
4	113- Herbal cold cream formulation from <i>Lavandula stoechas</i> essential oil Sondos mahmoud, Najat Agiel*	
5	166- Comparative Analysis of the Health Systems in Turkey and Mauritania Merve Tekinarslan	
6	167- Leadership Studies in Healthcare Institutions: A Bibliometric and Content Analysis Merve Tekinarslan	
7	180- Microwave-assisted preparation and characterization of derivatives starting from flurbiprofen Ecem Gökoğlan*, Ş. Güniz Küçükgülzel	
8	33- Antibiotics use in pediatric age groups Klodiola Dhamo*	
Discussion		

Session 4.3 / 15:00 – 16:30		Session Chair : Assoc. Prof. Dr. Gülçin Dinç Yalçın
1	20-A Hybrid Approach Using AHP-TOPSIS for the Patent Process in the R&D Company Dilek Çelik*, Burçak Könen, , Nida Nur Uzel, Gülçin Dinç Yalçın	
2	24-Elektrikli Otobüsler için Şarj Altyapısının Dağıtım Optimizasyonu Yaren Altuğlu, Sevide Nur Kar, Gülçin Dinç Yalçın*	
3	249-Demand forecasting performance using multi-channel sales data: a comparative analysis of e-commerce and traditional channels Oğuz Kaan Çiçek*, Serap Ulusam Seçkiner, Yunus Eroğlu	
4	255-A Multi-Criteria Decision-Making Approach for Green Hydrogen Production via Renewable Energy Sources Medine Türkmen, Serap Ulusam Seçkiner	
5	601-Erp Uygulamalarında İş Süreçlerinin Analizi: Bir Elektrik Dağıtım Şirketi Örneği Sait Aktepe*, İzzettin Hakan Karaçizmeli	
6	599-A Machine-Learning Approach to Precision Agriculture for Seasonal-aware Clustering of Agricultural Crops Dilek Olcaç*, Serap Ulusam Seçkiner	
7	643- Çağrı Merkezi Kalite Değerlendirme Çerçevesi: Performansa Dayalı Eğitim Planlaması için Entegre Bir Model Yaklaşımı Nevra Kazancı*, Kenan Türkyılmaz, Aslı Nur Yıldız, Mehmet Erdem Şamlı, Halil Can Aydın	
8	366-Design of inner-outer layered garments with enhanced comfort effect for men's upper clothing Tuğçe Eren, Seda Kızıl	
Discussion		

Session 4.4 / 15:00 – 16:40		Session Chair : Assist. Prof. Dr. Erdiñç Karakullukçu
1	429-Resource Dependent Assembly Line Balancing Under Grey Uncertainty Yakup ATASAGUN*, Gözde CAN ATASAGUN	
2	642-Ergonomic Analysis of Working Postures in Crankshaft Packaging Processes and Recommendations for Improvement Gözde Can Atasagun*, Yakup Atasagun	
3	464-Bi-objective optimization of time and cost in project scheduling: an application in a construction project Fatma Yavuz*, Fatih Kasımoğlu	
4	502-Endüstri 5.0 uyumlu teknoloji seçimi için çok kriterli karar verme yaklaşımı uygulamaları Fatma Sümeyye Kenar*, Yusuf Fedai	
5	66-The Role of Radiation Technologies in Sustainable Textile Finishing Applications Mehtap Sahin*, Buket Arik	
6	75-Ev tekstili kumaşların ıslanma davranışı analizi için yöntem geliştirilmesi Mehmet Tiritoglu	
7	424- Feature Selection in Industry 5.0: Adapting to The Dynamic Evolution of Data Özlem Gürünlü Alma*, Ali Valiyev	
8	638- A fuzzy c-means ensemble approach for robust price dynamics forecasting in Turkey Erdiñç Karakullukçu	
9	622- Uçak Bakım Ve Onarım Verileri İle İstatistiksel Uygulama Onur Batın Doğan*, Fatma Sevinç Kurnaz	
Discussion		

Session 4.5 / 15:00 – 16:30		Session Chair : Assist. Prof. Dr. Orçin Uygun
1	146-Environmental interactions of early life stages of European Sprat (<i>Sprattus sprattus</i>) along the vertical water column in Sinop Bay, 2023-2024 Orçin Uygun*, Funda Üstün	
2	290-Gemi Emisyonlarını Azaltmaya Yönelik Yakıt Alternatiflerinin Seçiminde Etkili Faktörlerin Belirlenmesi Bağcan Çatı*, Mehmet Ali Vahdet Yılmaz, Remzi Fışkın	
3	336-Türkiye'deki Yeşil Limanların Sürdürülebilirlik Üzerine Etkileri Bağcan Çatı*, Remzi Fışkın	
4	635-Dünya'da ve Türkiye'de Su Ürünleri Mutfağı Buminhan Burkay SELÇUK*, Fikret ÇAKIR	
5	238-Biomass, distribution and some population parameters of Big-Scale Sand Smelt, <i>Atherina boyeri</i> (Risso, 1810) in the Sea of Marmara Oğuz Yılmaz*, Ali İşmen	
6	672- Phytoremediation potential of some aquatic medicinal plants for heavy metals Beyza Yıldırım*, Muhittin Doğan	
Discussion		



POSTER PRESENTATIONS 1		25 June 2025
POSTER SESSION 1.1		Time 10:30 - 12:30
1	252-Cellulose Extraction and Optimization from Pine Needles Nihal Yigit*, Zehra Ozden Ozyalcin, Azmi Seyhun Kipcak	
2	270-Densities Of 1,2-Dichloroalkane With Tertio Butyl Methyl Ether At Different Temperatures. BOUSSAID Linda*, AMIRECHE Fouzia, ZOUAGHI Nafila, BENSIRADJ Nour El Houda	
3	365-Effects of Some Plant Extracts and Metal Salts on Aldose Reductase Activity Mustafa Kaplan *, Bertan Boran Bayrak, Refiye Yanardag	
4	518-Microwave drying of beef and lamb liver: Investigation of drying kinetics and color change Ozge Ercan*, Zehra Ozden Ozyalcin , Azmi Seyhun Kipcak	
5	522-Effect of heat treatment on antioxidant capacity of Karayaka sheep milk Ece Özbek*, Gül Fatma Yarım	
6	565-Simultaneous Quantitative Analysis of The Active Pharmaceutical Ingredients in Oral Antiseptic Solution By HPLC Gülşah Çebi*, Bürge Aşçı	
7	572-Silver Nanoparticle Synthesis and Application Rajina Moamed Hassan*, Nevcihan Gürsoy	
8	620-Farklı Bitki Çaylarıyla Üretilen Kombucha Çayının Biyoaktif Özelliklerinin İncelenmesi Büşra Sevgi SELİMOĞLU*, Nevcihan GÜRSOY	
9	179-Biomaterials from the aquatic organisms: resources, extraction and applications Ömer Alper Erdem*, Nida Demirtaş Erol	
10	200-The Anti-cancer impact of Metformin In the Prostate Cancer Ayriana Safari Baesmat	
Discussion		

ORAL PRESENTATIONS		
26 June 2025	SESSION 5	Time 09:00 – 10:30
Session 5.1 / 09:00 – 10:30		Session Chair : Assist. Prof. Dr. Özlem Ayşe Tosyalı
1	47- Investigation of the effect of layer thickness on the wear properties of PEEK materials Şakir Altınsoy	
2	50- Synthesis of sulfamethoxazole surface imprinted core-shell magnetic nanoparticles for selective detection of sulfamethoxazole in poultry by an electrochemical biosensor Pwadubashiyi Coston Pwavodi *	
3	215- Bitki Ekstraktından Siklotid İzolasyonu İçin Entegre Mikroakışkan Çip Platformu Beyza Dağhan*, Mesut Bora Akdoğan, Aliakbar Ebrahimi, Reza Didarian, Mulatu Kassie Birhanu, Hossein Hashempour, Fatma Dogan Guzel	
4	272- Functional Analysis of Missense SNPs in the CYP2D6 Gene Using In Silico Methods *Hacer Menekşe Polat, Esmâ Eryılmaz Doğan	
5	451- Design and Evaluation of Chitosan/PVP-Based Films for Advanced Wound Dressings in Biomedical Applications Özlem Ayşe Tosyalı*, Okşan Karal-Yılmaz	
6	480- Akıllı Telefon Tabanlı Glukoz/Laktat Çoklu Analiz Sisteminin Geliştirilmesi ve Validasyonu Nermin Kargacı, Beyzanur Güneş, Furkan Gümüş	
7	550- Biyobozunur Doğal İçerikli Yara Kremi Geliştirilmesi ve <i>İn Vitro</i> Biyoyumluluk Değerlendirmesi Şevval Çelik*, Büşra Moran*, Mustafa Türk*	
8	567- Elektroensefalografi ve Elektrokardiyografi Sinyalleri Kullanılarak Epilepsi Nöbetlerinin Yapay Zeka ile Tahmin Edilmesi Nur Sena Özdemir Yılmaz*, Osman Eroğul*	
Discussion		
Break (10:30 – 11:00)		
Session 5.2 / 09:00 – 10:30		Session Chair : Assoc. Prof. Dr. İbrahim Sina Kuseyri
1	19- Active Control of Air Suspension Systems in Commercial Vehicles İbrahim Sina Kuseyri	
2	38- PVD Yöntemi ile Kaplanmış Isıl İşlemlili AISI 4140 Çeliklerin Islanabilirlik Özelliğinin İncelenmesi Emre Deniz Yalçın*	
3	145- Evaluation of cutting parameter effects on surface roughness and temperature in face milling of a tractor part Batuhan AYUR*, Yusuf FEDAI, Emre ÖZER, Gökhan BAŞAR	
4	284- Farklı kalınlıklarda akrilik ve Silika (SiO ₂) ile güçlendirilmiş akrilik bazlı basınca duyarlı yapıştırıcı bantların PVC yüzeyler üzerinde mekanik özelliklerinin karşılaştırılmalı analizi Ömer Kocaman, Celalettin Baykara	
5	469- Yenilenebilir enerji kaynağı olarak güneş enerjisinin önemi ve Türkiye'deki gelecek perspektifi Rafiq Huseynov*, Selçuk Karagöz*	
6	481- Hibrit tahrikli bir şehirli otobüs şanzımanının termal optimizasyonu Aydoğan EZER, Gamze GEDİZ İLİŞ	
7	531- Development of a surrogate model for dual optical element concentrated photovoltaic system using machine learning Mahir Jafarov*, Osman Turan	
8	573- Fotovoltaik/Termoelektrik (PV/TEG) Hibrit Sistemlerdeki Son Gelişmeler ve Gelecek Perspektifleri İsmail Ardıç*, Deniz Ulusarslan	
Discussion		
Break (10:30 – 11:00)		

Session 5.3 / 09:00 – 10:30		Session Chair : Dr. Hüsna Topkaya
1	131- An overview of the challenges of a collaborative filtering recommender system İhsan Güneş*	
2	372- Development Of Decision Support Systems In Agriculture With Open Source Linear Programming Libraries Ayşe Begüm Topyıldız* , Recai Oktaş , Gökhan Kayhan	
3	390- Artificial Intelligence and Ethics in Education Güliden Bozok* , Murat Osman Ünalır	
4	421- Improving PPO-Based Reinforcement Learning for Energy Forecasting with Chaotic Initialization and American Zebra Optimization Cem Özkurt, Özkan Canay* , Murat Karşlıoğlu	
5	579- Use of Cyclomatic Complexity and Maintainability Index Metrics in Agile Development: Trends, Challenges, and Research Directions Sena Adatepe* , Gonca Gokce Menekse Dalveren	
6	618- Comparison of Anomaly Detection in Logged Data Analysis Cahide SARA* , Sara ALTUN GÜVEN	
7	627- Sürdürülebilir Enerji Yönetimi için IoT Çözümü: Raspberry Pi, Docker ve Bulut Tabanlı İzleme Mimarisi Hüseyin Parmaksız* , Emine Nur Çalı , Zeynep Özer	
8	656- Transfer learning-based pneumonia detection on pediatric chest x-rays using a CNN model Omer Faruk Soylemez* , Cengiz Hark	
Discussion		
Break (10:30 – 11:00)		

Session 5.4 / 09:00 – 10:30		Session Chair : Assist. Prof. Dr. Yiğit Türe
1	55- Damping–mixing enthalpy relationship in Mg-Ca and Mg-Ni alloys: Influence of short-range order Yiğit Türe*	
2	121- Data-Driven Optimization of Martensitic Phase Transformation Models in 304L Steel BENCHERIF Mokhtar* , BOUDEDJA Amar , ALMANSBA Madjid , FERHOUM Rabah, HABAK Malek, BELMIHOUB Khellaf	
3	140- Biocompatibility investigation of TiTaHfNbZr alloys with femtosecond laser surface modification Sıdıka Mine Toker* , Furkan Biçer	
4	144- Synthesis and characterization of new generation nucleating agents for use in recycled PET masterbatches Songül ŞAHİN DUMANKAYA* , Gökhan CEYHAN	
5	163- The Effect of Different Cobalt Contents on the Properties of Tungsten Carbide Materials Sintered at Low Temperature Kubat Mete KUTLU* , Bilge YAMAN ISLAK	
6	170- Effect Of Cooling 16MnCr5 Steel Under Different Pressure On Hardness And Microstructure Properties Mehmet EKICI*	
7	450- Effect of Fiber Reduction in NAM on Battery Performance and Paste Integrity Burak ALICI* , Enes DEMIRYUREK* , İtler GURSOY*	
Discussion		
Break (10:30 – 11:00)		

Session 5.5 / 09:00 – 10:30		Session Chair : Assoc. Prof. Dr. Demet Dogan
1	406- Çilek (Fragaria × ananassa) Yaprağı Ekstresi Kullanılarak Altın Nanoparçacıkların Yeşil Sentezi ve Karakterizasyonu S. Yılmaz Karaoğlu, Tuğba TUNALI AKBAY	
2	419- Protective Effects of Alpha Lipoic Acid Against Valproic Acid-Induced Small Intestinal Damage Jahan Babazade*, Ismet Burcu Turkyilmaz Mutlu, Refiye Yanardag	
3	428- Exploring Alcohol-Related Metabolites in Bone: A Pilot Study Using NMR Spectroscopy Pong Pornjarernpong 7301-6350), Churdsak Jaikang 9262-0404), Yutti Amornlertwatana	
4	479- Protective effect of white cabbage extract against amiodarone-induced small intestinal damage in rats. Orkhan Mammadli*, Ismet Burcu Turkyilmaz Mutlu, Refiye Yanardag	
5	484- In vitro Antioxidant and Anticancer Activities of Methanolic Extract of <i>Onobrychis oxyodonta</i> Samed Şimşek*, Tuğçe Varol	
6	494- Effects of polyvinyl alcohol applications on morphological and physiological parameters of different wheat (<i>T. aestivum</i> L.) varieties grown in hydroponic environment under lead stress Yunus Baran Badıllı*, Elif Öztetik	
7	496- Effects of polyvinyl alcohol applications on biochemical parameters of different wheat (<i>T. aestivum</i> L.) cultivars grown under lead stress Yunus Baran Badıllı*, Elif Öztetik	
8	658- Effect of Pesticide Exposure on ACTH and Cortisol Levels in Fish Nuh Korkmaz*	
Discussion		
Break (10:30 – 11:00)		

ORAL PRESENTATIONS		
26 June 2025	SESSION 6	Time 11:00 – 12:30
Session 6.1 /11:00 – 12:30		Session Chair : Assist. Prof. Dr. İshak Gökçek
1	90- Kedi ve Köpeklerde Göz Ultrasonografisi ile Normal Göz Yapılarının Değerlendirilmesi Zeynep ATEŞ*, Ali BUMİN	
2	91- Kedi ve Köpeklerde Göz Ultrasonografisi ile Patolojik Bulguların Değerlendirilmesi Zeynep ATEŞ* , Ali BUMİN	
3	463- The role of swimming exercise in preserving uterine and ovarian reserves in a DSS-induced chronic ulcerative colitis mouse model İshak Gökçek*	
4	486- Determination of pathotype, serogroup, and antibiotic susceptibility of Escherichia coli recovered from a cat with cystitis Özgür GÜRAN*, Emre KARAKAYA, Celil BENDEŞ, Gencay EKİNCİ	
5	489- The characterization of Acinetobacter lwoffii isolates from sheep necropsy materials Özgür GÜRAN*, Cansu GÜRAN, Emre KARAKAYA, Fuat AYDIN	
6	490- Animal Welfare Standards in Calf Management Mohamad Salem NAJAR*, Filiz AKDAĞ	
7	583- Evaluation Of Doppler Indices In Dogs With Mammary Tumors Treated With Homeopathic Medicine Enes Çerçi , Gaye Bulut, Deva Başak Boztok Özgermen, Ayşenur Tural Çiftçi, Mehmet Tuzcu	
8	588- Rhabdomyosarcoma in a Malaklı Mixed-Breed Bitch Enes Çerçi* , Gaye Bulut, Osman Dağlar , Mehmet Tuzcu	
Discussion		
Break (12:30 - 13:00)		
Session 6.2 / 11:00 – 12:40		Session Chair : Assoc. Prof. Dr. Alevcan Kaplan
1	44- Hatay ili Arsuz Bölgesi Topraklarının Molibden İçeriği ve Topraktaki Bazı Ağır Metaller ile İlişkilerinin Belirlenmesi Mehmet YALÇIN	
2	147- Effect of nano calcium on broad bean plant growth and calcium uptake in soil and soilless conditions Hanife Akca*	
3	347- Abiyotik stres koşullarındaki bahçe bitkilerine hümik asit uygulanması Kübra Korkmaz Zor	
4	348- Abiyotik stres koşullarındaki bahçe bitkilerine mikoriza uygulaması Kübra Korkmaz Zor	
5	648- Tobacco production and its place on international market with a focus on Malawi, Africa Siraj JAFALI , Cumhur AYDINALP	
6	663- Bridging Traditional and Scientific Knowledge: Quantitative Ethnopharmacological Investigation in Marghazar Valley, Swat, Pakistan Muhammad Nauman Khan*, Sajjad Ali, Tabassum Yaseen, Barkat Ullah, Abdul Razzaq, Alevcan Kaplan, Fethi Ahmet Ozdemir	
7	664- Influence of Edaphic Factors on Vegetation and Plant Community Dynamics in the Dry Temperate Region, Ojhor Valley, Eastern Hindu Kush, Pakistan Muhammad Nauman Khan*, Barkat Ullah, Abdul Razzaq, Fazal Manan, Zeeshan Ahmad, Majid Iqbal, Alevcan Kaplan	
8	628- An Important Step Towards Rural Development: Medicinal-Aromatic Plant Cultivation Studies in Artvin Özgür EMİNAĞAOĞLU* , Hayal AKYILDIRIM BEĞEN, Melahat ÖZCAN , Emine YAZICIOĞLU , Nasibe TEKİNER AYDIN , Şevval SALİOĞLU , Canan AÇIKGÖZ HARŞIT , Bahar ASLAN	

9	630- Contribution of Artvin Coruh University to Regional Development: Establishment of a Facility for Processing and Storing Aromatic Plants in Artvin Özgür Eminağaoğlu , Hayal Akyıldırım Beğen , Alper Durmaz , Kamil Öztürk , Zehra Eminağaoğlu, Abdüssamed Kabakuş, Şevval Salioğlu, Canan Açıkgoz Harşit, Hayrettin İlker Özdemir , Bahar Aslan , Çağlar Yazici
Discussion	
Break (12:40 - 13:00)	

Session 6.3 / 11:00 – 12:30		Session Chair : Assist. Prof. Dr. Elif Erdeve Özvan
1	695- Evaluation of Residential Reinforced Concrete Buildings in Terms of Performance and Structural Construction Cost According to DBYBHY-2007 and TBDY-2018 Codes Mustafa Üreyen*, Hakan Dilmaç, Yasin Arslan	
2	696- An investigation into the impact of different slab types on structural costs under variable soil conditions according to TBDY 2018 Ali Türkmen*, Cenk Öcal, Kılıç Yasin Arslan	
3	26- Deniz Dibi Tarama Faaliyetlerinden Elde Edilen Dip Çamurlarının Alternatif Bertaraf Yöntemlerinin Araştırılması Elif Erdeve Özvan*, Ayşe Özgüven, Dilara Öztürk, Mehmet Türkmenoğlu	
4	690- Determination of geocell-soil interfacial behavior of sandy soils by large-scale shear box tests Adem IŞIK* , Harun AKOĞUZ	
5	433- Contribution of using a tuned mass damper (TMD) as a passive control device in building performance Osman Akyürek*	
6	604- Stabilization of Marl Soil Using Sewage Sludge and Polypropylene Fibers under Freeze-Thaw Conditions Mohamed Bashir Said RADDAD, İnan KESKİN, AmirHossein VAKİLİ	
7	273-European Ionospheric Response to the May 2024 Gannon Geomagnetic Superstorm Elif Çiftçi* , Özlem Hacıoğlu, Burak Kotan	
8	274-Numerical simulations of 3D Magnetotellurics for Hydrocarbon exploration: Focus on overthrust structures Özlem Hacıoğlu*	
Discussion		
Break (12:30 - 13:00)		

Session 6.4 / 11:00 – 12:30		Session Chair : Assoc. Prof. Dr. Perihan Çulun
1	137- Evaluation on passive cooling of photovoltaic panels with phase change material Perihan ÇULUN	
2	239- The importance of nanomaterial additives in passive cooling of photovoltaic panels with phase change materials Perihan ÇULUN *	
3	161-Sürdürülebilir Isıtma Sistemleri için Baca Performans Optimizasyonu <u>Ahmet Karahan</u> , Figen Balo	
4	162- Çelik Esaslı Malzemelerin Baca Sistem Performansına Etkisinin Analizi <u>Ahmet Karahan</u> , Figen Balo	
5	281- Şehir içi taşımacılık yapan araçların hidrojen yakıt ikmal istasyonunu için mikro şebeke tasarımı; Muş ili örneği Mehmet Ali KÖPRÜ	
6	563- Secure and efficient energy billing using blockchain and smart contracts Al Mothana Al Shareef* , Serap Seçkiner	
Discussion		
Break (12:30 - 13:00)		

Session 6.5 / 11:00 – 12:30		Session Chair : Assist. Prof. Dr. Ali Aşur Delen
1	141- A Study on Awareness and Cryptographical Solutions Against Sim Swapping Attack Ezgi Ersan*, Mehmet Emin Dalkılıç	
2	315- Uzay Yoluyla Haberleşme Ağını Genişletmek: Karasal Olmayan Ağ (NTN) Teknolojileri ve Kullanım Alanlarının Genel Bir Değerlendirmesi Kahraman ZAIM, Murat YÜCEL, Mustafa Serdar OSMANCA	
3	388- From Sprints to Strategy: The Role of AI in Agile Retail Projects H. Miray Yakışan*	
4	83- Sürdürülebilir Grafik Tasarım: Çevre Dostu Tasarım İlkeleri Ali Aşur DELEN	
5	449- Language application “Hey!” — development, possibilities and future. Yaroslav Golendukhin, Saveliy Varlamov, Yulia Dmitrieva, Yulia Starchekova	
6	495- Kripto Para Türlerinin Teknik Özelliklerinin Karşılaştırmalı Analizi ve Balon Fiyat Tespiti Serkan METİN	
7	668- Yolov8 ile Yolov11 Algoritmalarının Gerçek Zamanlı Araç Nesne Tespiti Ve Trafik Yoğunluğu Analizinde Karşılaştırılması Mert DURUKAN*, Jale BEKTAŞ	
Discussion		
Break (12:30 - 13:00)		

ORAL PRESENTATIONS		
26 June 2025	SESSION 7	Time 13:00 – 14:30
Session 7.1 / 13:00 – 14:30		Session Chair : Assoc. Prof. Dr. Alevcan Kaplan
1	142- The Composition and Characterization of Octopamine-Derived Cyclomatrix Tetrameric Polyphosphazenes Yasemin SÜZEN DEMİRCİOĞLU* , Ebru ALTUN ÇELİK	
2	345- Enhancing ammonium perchlorate decomposition via samarium-doped ceria catalysts for solid rocket propellants Dilara GÜÇTAŞ GÜREL* M.A. Faruk ÖKSÜZÖMER	
3	581- Green Synthesis of Copper Oxide Nanoparticle via <i>Rubus Idaeus</i> Ines Nour-Eddine , Tuğba Erkoç*	
4	459- Kinetic and Equilibrium Studies on the Adsorption of Remazol Red by Natural Zeolite Buse Nur DÜKANLI , Elçin DEMİRHAN	
5	462- Adsorptive Removal of Polystyrene Nanoplastics from Water: Role of Activated Carbon and Ion Exchange Resin Soner GÖKÇEDAĞ*, Dilara Leyla KAPLAN, Sıla MERT, Emine EKİNCİ, Birce PEKMEZCI KARAMAN	
6	536- Seramik Karo Üretiminde Sürdürülebilir Teknolojilerin Geliştirilmesi Buse Erdoğan* , Demet Topaloğlu Yazıcı	
7	585- Advanced oxidation of acid violet (AV-19) from aquatic environments by homogeneous and heterogeneous Fenton and photo-Fenton processes Duygu Aydın, Selina Olcar, Şule Camcıoğlu , Baran Özyurt*	
Discussion		
Break (14:30 - 15:00)		

Session 7.2 / 13:00 – 14:30		Session Chair : Assist. Prof. Dr. D. Deniz Genç Tokgöz
1	10- The Investigation of the Latest Developments in Green Energy Technologies to Reduce Carbon Emissions Kasım ATMACA*	
2	32- Comparative analysis of transport-oriented urban approaches Rukiye Gizem Öztaş Karlı*	
3	79- Health impact of particulate matter (PM): case study for Artvin D. Deniz G. Tokgöz*, Samet Gündem, K. Onur Demirarslan, F. Öztürk	
4	80- Çevresel Kirleticilerin Sağlık Riski Değerlendirmesi-Literatür Taraması Samet Gündem* D. Deniz G. Tokgöz	
5	650- Seasonal effects of air pollution on childhood allergic rhinitis: A case study from Northwestern Türkiye Hilal Arslan*	
6	651- Analyzing the impact of air pollution on asthma with machine learning in Edirne, Türkiye Hilal Arslan*	
7	580- Investigation of the Cadmium (Cd) removal potential of two aquatic macrophytes (<i>Limnobium laevigatum</i>, <i>Egeria densa</i>) in two different media with a microcosm approach Danial NASSOUHI* , Mehmet Borga ERGÖNÜL	
8	539- Linking Forest Management to Water Treatability: Improved Coagulation Performance Following Silvicultural Activities in Forested Watershed Habibullah Uzun	
Discussion		
Break (14:30 - 15:00)		

Session 7.3 / 13:00 – 14:30		Session Chair : Assist. Prof. Dr. Hatice Sıçramaz
1	54- Toz Gıdalar ve Raf Ömrü Sırasındaki Adezyona Bağlı Değişimler Fatih Kirbayır, Didar Ucuncuoglu*	
2	69- Improvement of Functional Properties in Bread Enriched with Aronia (<i>Aronia melanocarpa</i>) Juice Sultan ACUN*, Şeyma ULUTÜRK, Kerem MERTOĞLU, İlknur ESKİMEZ, Hülya GÜL	
3	70- Impact of Aronia melanocarpa juice substitution on the rheological properties of wheat flour Şeyma ULUTÜRK, Hülya GÜL*, İlknur ESKİMEZ, Kerem MERTOĞLU, Sultan ACUN 1954-6102)	
4	78- MOSH/MOAH Kontaminasyonu: Kaynakları, Analitik Tespiti ve Sağlık Üzerindeki Etkileri Kıvılcım Yıldız*, Burcu Durmuş	
5	86- Effect of different solvents on the solubility of pea protein isolate and optimization using artificial neural network-genetic algorithm (ANN-GA) Mustafa Onur Yuzer	
6	240- API ZYM enzymatic characterization of lactic acid bacteria isolated from boza Merve USAL*, Fatih TÖRNÜK	
7	291- Effect of Fat Content and Fermentation Time on Kefir Quality Hatice Sıçramaz*, Buse Güven	
8	461- The Role of Food Choice Motivations and Food Neophobia in Organic Food Consumption Muhammet Ali Çakır*, Merve Pehlivan, Neslişah Denkçi	
Discussion		
Break (14:30 - 15:00)		

Session 7.4 / 13:00 – 14:30		Session Chair :Assoc. Prof. Dr. Guler Bengusu Tezel Tanrısever
1	133- EMI SHIELDING AND LIFE CYCLE ASSESSMENT Guler Bengusu TEZEL	
2	159- Silver Loaded Photocrosslinked Silk Sericine-Keratin-F127 Hydrogels for Wound Healing Applications İrem YAKAR*, Ayben TOP	
3	160- Synthesis and Characterization of Curcumin and Lysine Derived Carbon Dots İrem YAKAR*, Ayben TOP	
4	164- Conventional and Microwave-Assisted Synthesis and Characterization of PEG-Based Esters Gulsen Karaca, Omur ARAS*	
5	217- Rapid detection of expired tablets using Second Derivative FTIR: An iron supplement tablet example Sinem Çolak*	
6	226- Electrochemical determination of phosphate by measuring the phosphomolybdate complex using a reduced graphene oxide-doped with copper ions carbon paste electrode (rGO@Cu/CPE) sensor Qëndresa Istrefi*, Nevlia Broli, Loreta Vallja	
7	289- Effect of lugol's solution on antibacterial activity and scoby growth in kombucha tea Zeynep Özserçe Haste*, Zeynep Sümer	
8	318- Sodyum lignosülfonatın beton katkı maddesi olarak etkisinin incelenmesi Zeynep Özserçe Haste*	
Discussion		
Break (14:30 - 15:00)		

Session 7.5 / 13:00 – 14:30		Session Chair : Assist. Prof. Dr. Sinem Koçer
1	261- A genome-wide in silico analysis of PR1 (pathogenesis-related 1) genes in the watermelon (<i>Citrullus lanatus</i>) Tamella Suleymanova, Mehmet Emin Uras*, Mustafa Zafer Karagözlü	
2	542- <i>Aspergillus fumigatus</i> ERG6 Protein Modelinin Antifungal Ajanlarla Moleküler Etkileşim Analizi Sinem Koçer*	
3	577- Evaluation and integration of YOLOv8 and SAM deep learning models for brain tumor detection and segmentation in MRI Salajdin Maloku*, Savaş İzzetoğlu	
4	592- Comparative evaluation of CKAN and CNN deep learning models for classifying tumor-infiltrating lymphocytes in cancer histopathology images Seyit Metin Köroğlu*, Savaş İzzetoğlu	
5	455- Investigation of Molecular Responses in Cervical Cancer Cells Treated with Abraxane via RNA Sequencing Souandaou ATHOUMANI ALI, Gül ÖZCAN	
Discussion		
Break (14:30 - 15:00)		



ORAL PRESENTATIONS		
26 June 2025	SESSION 8	Time 15:00 – 16:30
Session 8.1 / 15:00 – 16:30		Session Chair : Assist. Prof. Dr. Seza Özge Gönen
1	338- Score plot distribution of thermal reduced graphene oxide considering the process operating parameters: A tutorial Barış Şimşek*, Ömer Faruk Dilmaç	
2	389- Microstructural analysis of polyvinyl alcohol hydrogels modified with GNPs/AgNPs/GO/NAC Barış Şimşek* , Özge Bildi Ceran	
3	596- Multi-Criteria Assessment of Turkish Cities for Biogas Plant Siting Cheikha Hacena Ahmed El alem, Seza Özge Gönen*	
4	605- Efficient Dye Removal Using NH₂ functional polymer gel Şeyda GETİR*,Atakan TOPRAK	
5	609- Lignoselülozik Kaynaklı Karbon Kuantum Noktalarının Asidik Ortamda Korozyon İnhibitörü Olarak Geliştirilmesi Damla Zorcu* , Seden Beyhan	
6	568- DFT Calculations for MEP, HOMO-LUMO, NLO, SAR studies of 3-Methyl-4-(3-methoxy-4-isobutyryloxy benzylidene amino)-4,5-dihydro-1H-1,2,4-triazol-5-one Yonca Yılmaz* , Gül Kotan, Haydar Yüksek	
7	641- Farklı Atıklardan Modern Yöntemler İle Sabun Üretimi Osman Budak , Nurcan Tuğrul	
8	653- Potentiometric determination of skin antiseptic rivanol and its greenness assessment Onur Cem Altunoluk* , Oguz Özbek, Çağlar Berkel	
Discussion		
Session 8.2 / 15:00 – 16:30		Session Chair : Assist. Prof. Dr. Damla Kırıcı
1	196- Quantitative Analysis Of CoQ10 Content Of Nutraceuticals From Turkish Market Tuğba Buse Şentürk, <u>Ayşe Sueda Müftüoğlu*</u> , Timur Hakan Barak, Engin Celep	
2	230- Assessment of eating habits, physical activity, and lifestyle among medical students at the University of Medicine, Tirana (2025) Floriana Marku, Loreta Kuneshka	
3	269- Study of Health Behaviors among Adolescents in Tirana (2024): Smoking, Alcohol, Drugs, and Physical Activity Floriana Marku, Loreta Kuneshka	
4	231- Literature review of orofacial praxis skills in children with autism spectrum disorder Dorela Kokthi, Manika Kreka	
5	414- Histological Evaluation of the Effect of Baicalin on Cisplatin-Induced Parotid Gland Injury Duha İbrahimioğlu* , Esin Ak	
6	552- Cytotoxic and Antimicrobial Properties of Brown Algae Extracts: A Study on <i>Cystoseira foeniculacea</i> and <i>Sargassum vulgare</i> Damla Kırıcı*	
7	571- Mucormycosis Cases Under the Microscope: A 19 Year Retrospective Pathology-Based Surveillance Study Bilal Tunçtürk , Ulaş Alabalık	
8	647- Current research on anti-Alzheimer's drugs: Secretase Inhibitors Ayşe Nur ER, Cem YAMALI*	
Discussion		

Session 8.3 / 15:00 – 16:30		Session Chair : Prof. Dr. Harun Mindivan
1	306- Thermodynamic analysis of internal heat recovery between the condenser and evaporator outlets in an air-source heat pump Kutbay Sezen*	
2	320- Enhanced Impact-Sliding Wear Performance of AISI H13 Extruding Die Steel Through Quenching & Tempering Heat Treatment Process Tunahan Fatih Sekili, Elif Ozturk, Harun Mindivan*	
3	321- Effect of Cathode Shape and Anodization Time on The Formation of TiO₂ Nanotubes on Ti6Al4V-ELI Alloy Elif Çitgez , Ferda Mindivan* , Harun Mindivan	
4	349- Design and prototyping process of the gas shutoff system developed for safe natural gas supply Atıl ERİM	
5	397- Taşınabilir Cihazlarda Faz Değiştiren Madde (FDM) İle Isıl Yönetim ve Termal Kılıf Tasarımı: Akıllı Telefon Uygulaması Yusuf Can ER* , Ayşe Nur ALTUNKAYA	
6	425- Techno-economic assessment of off-grid hybrid renewable energy systems for urban electricity demand Hacımurat Demir*	
7	447- İkincil A356 Alüminyum Alaşımının Korozyon Davranışına Minör Skandiyum (Sc) ve Lantan (La) Eklentisinin Etkisi Hayat Oyman* , Simge İrizalp, Burçak Kardelen Köroğlu, Batuhan Doğdu, Caner Kalende	
8	448- Design of an innovative reel transfer mechanism for automatic winding machines Özdemir Berk VARAL* , Beyza AVCI* , Nebi Can AVAS* , İbrahim Savaş DALMIŞ	
Discussion		

Session 8.4 / 15:00 – 16:30		Session Chair : Dr. Ulviye Karacalar
1	85- Assessment of Fishing Zones (FZ) and No-Fishing Zones (NFZs) in the Gökova and Datça-Bozburun Special Environmental Protection Areas (SEPA) in Terms of Alien Species Vahit ALAN* , Fikret ÖNDES	
2	125- Comparative Study: Global Aquaculture Production Statistics of Common Carp (<i>Cyprinus carpio</i>, Linnaeus, 1758) Serhat Engin , Sertan Kosan*	
3	245- The Comparison of Body Performance of Some Invasive Species Distributed in Kemer, Antalya Serhat Engin , Sertan Koşan* , Şule Gürkan	
4	177- Monitoring of endangered dusky grouper (<i>Epinephelus marginatus</i>) in The Karaburun-Ildır Gulf Special Environmental Protection Area with different methods Kaan KIRŞAN* , Tuğçe ŞENSURAT GENÇ	
5	188- Production and quality monitoring of marinade from mussels smoked with different wood chips Emre Uluturhan* , Aslı Cadun Yünlü, Fevziye Nihan Bulat, Ömer Alper Erdem	
6	391- Mikroalglerden fikosiyanın: üretim, stabilite ve ticari potansiyel üzerine inceleme Ayşe Özpamuk* , Oya Irmak Şahin	
7	443- The role of microbiome research in improving gut health of farmed species for sustainable disease resistance in aquaculture. Ulviye Karacalar	
Discussion		

Session 8.5 / 15:00 – 16:40		Session Chair : Assist. Prof. Dr. Samet Uçak
1	192- <i>Calvatia utriformis</i> 'in K562 Kronik Myeloid Lösemi Hücrelerinde Büyüme İnhibisyonu Üzerine Etkisi Hakan Farzin Mehmetzade*, Milat Araz, Reyhanehsadat Mirbakht	
2	313- Karpal tünel sendromu olan bireylerde boyun pozisyon hissi ve eklem hareketi arasındaki ilişki Rabia ALACA*, Özge AL	
3	342- <i>Aronia Melanocarpa</i> Meyve Ekstresinin İnsan Meme Kanseri Hücreleri Üzerine Etkisi Betül YÜKSEL*, Özge AL, Neriman LÖKER, Hazal ÇOBUR, Melike VURMAZ, Zeynep SARIMERMER YÜCEL, Serhat AL, Mehtap NİSARİ, Ali Adnan HAYALOĞLU	
4	346- Novel tomato-based interventions: Impact on survival rates in common cancers Gokhan Gorgisen*, Salih Yabalak, Ozan Tas, Neriman Ezgi Cifte, Mecit Halil Oztop	
5	359- Synergistic modulation of epithelial-mesenchymal transition-related proteins by oxaliplatin and thymoquinone in HCT116 colorectal cancer cells. Ilker Kiliccioglu*, Gorkem Dulger, Gulsah Gedik	
6	432- Effect of Glaucocalyxin A on Cell Migration Capacity in Lung Cell Line Merve BOZKURT, Nuray BOSTANCIERİ, Çiğdem KARACA	
7	49- Kolon kanseri ve bağırsak mikrobiyotası: ön çalışma Samet Uçak*, Seval Kaya	
8	456- Metabolomic Characterization of Human Vitreous Fluid Using ¹H-NMR Spectroscopy Thanakrit Trichag, Churdsak Jaikang, Kanicnan Intui	
9	500- The effect of direct kisspeptin-54 application on gonadotropin receptor expressions in granulosa cells of PCOS patients Erkan ERENER*, Adem KOCAMAN, Bülent AYAS	
Discussion		

POSTER PRESENTATIONS 2		26 June 2025
POSTER SESSION 2.1		Time 10:30 - 12:30
1	11-Effect of pre-treatment on mechanical properties of quenched and tempered medium carbon steels Ahmet M. Bal, Emre Alan , İ. İrfan Ayhan	
2	352-Gıdaların Kurutulmasında Yeni Yaklaşımlar: Mikrodalga ve Mikrodalga-Vakum Teknolojileri Nevcihan Gürsoy* , Sümeyya Erdoğan	
3	353-Yeni Nesil Mikrobiyal Terapötikler:Postbiyotikler ve Paraprobiyotikler Nevcihan Gürsoy* , Sümeyya Erdoğan	
4	543-Antioxidant activities of polycaprolactone/sodium alginate/chestnut honey nanofibers Azra Huner*	
5	544-Fabrication and characterization of polycaprolactone/cellulose acetate/polyselenophene nanofibers Azra Huner*	
6	65-Development of Novolac Resin Using Biobased Raw Materials <u>Deniz Önay</u> , Cansu Kozbekci Sabah*, Hatice Yaren Şahin, Mehmet Gönc, Mustafa Çevik	
7	67-Development of Room Temperature Curable Phenolic Foam Suitable for Mining and Construction Sectors <u>Büşra Turan</u> , Cansu Kozbekci Sabah*, Gizem Anar, Deniz Önay, Mehmet Gönc	
8	68-Effect of Chain Transfer Agent/ Crosslinking Agent ratio on Thermoplastic Properties of Acrylic Materials <u>Gamze Günel*</u> , Deniz Önay, Olkan Cebeci, Özkan Turhan, Gizem Anar, Çakır Daşdemir	
9	76-Development and Pilot Scale Production of High Solid Melamine-Formaldehyde Resin for Use in Textiles <u>Hatice Yaren Şahin</u> , Cansu Kozbekci Sabah*, Esra Kutlu, Büşra Turan, Mustafa Çevik	
10	87-Development of A Cold-Box Resin to Be Used as A Binder in Core Manufacturing for Foundry Industry <u>Esra Kutlu</u> , Cansu Kozbekci Sabah*, Büşra Turan, Mehmet Gönc, Mustafa Çevik	
11	219-Silver nanoparticle synthesis with grey juniper (Juniperus Excelsa) extract Bengü Kuru*, Ayfer Menteş	
12	220-Mathematical Modelling Study of Infrared Dried Prickly Pear Kubra Kurnaz* , Zehra Ozden Ozyalcin, Azmi Seyhun Kipcak	
Discussion		

ORAL PRESENTATIONS		
27 June 2025	SESSION 9	Time 09:00 – 10:30
Session 9.1 / 09:00 – 10:30		Session Chair : Assoc. Prof. Dr. Azize Demirpolat
1	263-Assessment of the UV-B Protective Potential of Pollenkitt in <i>Narcissus tazetta</i> Melse Su Bilgili* , Aslihan Çetinbaş-Genç	
2	264-Antioxidant Responses in <i>Camellia sinensis</i> Pollen Exposed to Low Temperatures Sena Acar* , Aslihan Çetinbaş-Genç	
3	439-Eskişehir Sazova Bilim Kültür ve Sanat Parkı Floristik Yapısı İle İlgili Ön Çalışmalar Erhan DURGUT* , Ebru ATAŞLAR	
4	457-Evaluation of volatile oil composition and structural discrepancies in different parts of <i>Chenopodium botrys</i> L. Pelin Yılmaz Sancar* , Azize Demirpolat	
5	610-Genetic Identification of Some Medicinal and Aromatic Hawthorn (<i>Crataegus</i> spp.) Species Naturally Distributed in Artvin Hayal AKYILDIRIM BEĞEN, Özgür EMİNAĞAOĞLU, Perinçek Seçkinozan ŞEKER, Ahmet Yesari SELÇUK, Batuhan Yaman YAKIN, Nasibe Tekiner AYDIN, Ayşegül SARAL SARIYER, Emrah SARIYER, Damla İpek TOK	
6	611-Ethnobotanical Uses and the Medicinal - Economic Significance of <i>Valeriana</i> Species Hayal AKYILDIRIM BEĞEN, Özgür EMİNAĞAOĞLU, Damla İpek TOK *	
7	616-Traditional Plants Used For Medicinal-Aromatic Purposes in South Villages of Ardanuc, Artvin (Türkiye) Özgür EMINAGAĞLU* , Hayal AKYILDIRIM BEGEN, Funda ERSEN BAK, Melahat OZCAN , Nasibe TEKINER AYDIN , Sevval SALIOĞLU, Canan ACIKGOZ HARSIT , Emine YAZICIOĞLU, Bahar ASLAN	
8	626- Traditional plant uses in the villages surroundings of Karagöl-Sahara National Park Özgür EMINAGAĞLU* , Melahat OZCAN , Funda ERSEN BAK , Hayal AKYILDIRIM BEGEN , Sevval SALIOĞLU* , Nasibe TEKINER AYDIN , Canan ACIKGOZ HARSIT, Emine YAZICIOĞLU, Bahar ASLAN	
Discussion		
Break (10:30 – 11:00)		
Session 9.2 / 09:00 – 10:30		Session Chair : Assoc. Prof. Dr. Ümit Kumbıçak
1	62- Sazan balığının (<i>Cyprinus carpio</i>) COI gen dizilerine dayalı filogenetik karşılaştırmaları Serdar YEDİER ,Zeynep AKBAŞ* ,Seda KONTAŞ YALÇINKAYA ,Derya BOSTANCI	
2	232- Restriksiyon enzimleri kullanılarak farklı türlerde cinsiyetin belirlenebilmesinin PZR-RFLP yöntemiyle araştırılması Yusuf Özşensoy	
3	337- <i>Eratigena atrica</i> (C.L. Koch, 1843) türünün karyotip özelliklerinin belirlenmesi Ümit Kumbıçak, Zübeyde Kumbıçak, Sudenaz Şencan* , Ömer Faruk Uydaş	
4	339- <i>Pardosa roscai</i> (Roewer, 1951) türünün mayoz bölünme özelliklerinin belirlenmesi Ümit Kumbıçak, Zübeyde Kumbıçak, Ömer Faruk Uydaş* , Sudenaz Şencan	
5	507- Biotypes of <i>Bemisia tabaci</i> populations in Southwestern Türkiye Ömer YÜZER* , Alper TONGUÇ , Ersin DOĞAÇ	
6	553- Evolution of the Dmrt1 Sex Gene in the Anatolian Water Frog Complex (Genus: <i>Pelophylax</i>) in Türkiye Doğa Koçyiğit , Buse Ceyda Öncel , Çiğdem Akın Pekşen* , Albert J. Poutska, Jose H. Grau, Jörg Plötner	
7	633- BIX-induced Somatic Embryogenesis through Epigenetic Reprogramming in <i>Arabidopsis thaliana</i> Burcu Gündüz* , Sinan Meriç	
Discussion		
Break (10:30 – 11:00)		

Session 9.3 / 09:00 – 10:30		Session Chair : Assist. Prof. Dr. Şükran Melda Eskitoros Toğay
1	119- Carbonized Turkish Tea Waste for Interfacial Solar Steam Generation Ezgi Topçu*, Serap Katranlı, Kader Dağcı Kıranşan, Elif Erçarıkçı, Serkan Bayar	
2	120- Sustainable Water Evaporation System Based on Carbonized Turkish Coffee Waste and Cellulosic Sponge Ezgi Topçu*, Şeyda Sefa, Kader Dağcı Kıranşan, Elif Erçarıkçı, Serkan Bayar	
3	13- Biosynthesis of Helichrysum arenarium L.-Cu(II) hybrid nanoflowers and evaluation of their cytotoxic activities Burcu SOMTÜRK YILMAZ*	
4	56- Kiraz domatesin raf ömrünü uzatmak için PBAT esaslı nanokompozit filmlerin geliştirilmesi ve karakterizasyonu Seden Aksu, Şükran Melda Eskitoros Toğay*	
5	99- AlNi-Graphene Modified Natural Wool Materials for Solar Steam Generator Applications Kader Dağcı Kıranşan*, Ezgi Salper, Ezgi Topçu, Elif Erçarıkçı, Zeynep Karcıoğlu Karakaş	
6	110- Yeni Bir Schiff Bazı Temelli Rutenyum(II) Aren Kompleksinin Sentezi ve Meme Kanseri Hücrelerine Karşı Sitotoksik Aktivitesi Serdar Batkan Kavukcu*	
7	129- Comparison of Classical and Ultrasound-Assisted Extraction of Phytochemicals and Antioxidant Activity of <i>Salvia officinalis</i> L. Emine Kılıçkaya Selvi	
8	574- Environmental and mechanical impacts of incorporating synthetic C-S-H in cement systems Nevin Karamahmut Mermer*, Melis Ünal	
Discussion		
Break (10:30 – 11:00)		

Session 9.4 / 09:00 – 10:30		Session Chair : Assoc. Prof. Dr. Melahat Göktaş
1	174- UV-Curable Emulsion Hydrogel System Based on Modified PVA as a Wound Dressing Material Bora Gümüş, Fatma Nur Parın*	
2	257- Otomotiv Şartlarına Uygun Uv Dayanımı Sağlayan PBT/PET Harmanlarının Geliştirilmesi Dilara SÜZER	
3	329- Hotair Tutkalı ile PP Kenar Bandı Üretim Sürecinde Yapışma Performansının Artırılması Ertuğ YILDIRIM*, İsmail Bilgin DEMİRCİ	
4	394- Responsive Polymer Brush Architectures Explored via Dissipative Particle Dynamics Agné Kilnaitė ^{1*} , Atakan Meran ¹	
5	621- Synthesis and characterization of the poly(ε-caprolactone-g-styrene) three arm block-brush copolymer via RAFT bulk polymerization Melahat Göktaş*, Ümran Aslan, Cengiz Aykaç	
6	201- Antifungal activity and biocompatibility on fibroblast cells of Sea Urchin (<i>Diadema setosum</i>) gonad lipid extract based PVA (polyvinyl alcohol) hydrogel Elif Erdoğan Eliuz, Ayşegül Demircan*, Ayşe Kılınç, Deniz Ayas, Mert Acar	
7	314- İletken Nanokompozit Polimerlerin Eldesi Ve Özelliklerinin Araştırılması Ilke Demirkaya*, İbrahim Kurtay, Ilknur Babahan-Bircan	
8	234- Investigation of photocatalytic properties of ZnFe₂O₄ spinel nanoparticles Hasan Huseyin Isik*, Dogan Kaya, Ilknur Baldan Isik, Ahmet Ekicibil, Faruk Karadag	
Discussion		
Break (10:30 – 11:00)		

ORAL PRESENTATIONS	
27 June 2025	SESSION 10
Time 11:00 – 12:30	
Session 10.1 /11:00 – 12:30	
Session Chair : Assoc. Prof. Dr. Elif Fatma Topkara	
1	31- How classroom participation and course projects affect final grades in biology courses in online teaching? Sara Pupe
2	92- How does the concept of sustainable development affect the acquisition of knowledge by students in the pre-university and university systems? Sara Pupe
3	61- A New Role for Cyclobenzaprine: Cytotoxic Effects in Lung Cancer Cells Aslı ELDEM
4	426- Plastivore insects: an overview Elif Fatma Topkara*
5	430-TRP Channels in Colorectal Cancer Müge MAVİOĞLU KAYA
6	504- Bitkilerden elde edilen doğal bileşikler ve pulmoner fibrozisin baskılanmasındaki etki mekanizmaları - Bir derleme çalışması Pinar Aksoy*, Önder Yumrutaş, Muhittin Doğan, Pinar Yumrutaş
7	523-İstilaçı <i>Cirsium arvense</i> (L.) scop.'in grime'in CSR stratejilerine göre sınıflandırılması Elif KOCAMAN
8	532- Model Organizma Olarak <i>Drosophila melanogaster</i> 'de Levetirasetamın Toksikitesi ve Roselle'nin Olası Koruyucu Etkisi Amir Mohammad MUQIM , Fahriye ZEMHERİ NAVRUZ
Discussion	
Break (12:30 - 13:00)	
Session 10.2 / 11:00 – 12:40	
Session Chair : Assist. Prof. Dr. Hatice Gündüz	
1	278- Endüstriyel Meyve Posalarının Antidiyabetik Potansiyeli: a-Amilaz İnhibisyonu Esmâ Aslan* (3266-0882), Nurullah Zekeriya Akar
2	316- Omega-3 Rich Edible Oil Alternative: Functional Potential and Limitations of Camelina sativa Oil Necattin Cihat ICYER
3	379- Preservation of Quality in Seafood Products with Smart Packaging Technologies Hatice Gündüz*, Fatma Öztürk
4	474- Geleneksel ve Hazır Köfte Harcı Kullanılarak Hazırlanan Maydanoz Tohumu ve Çörek Otu Yağı İlave Edilen Kolyoz Balığı Köftelerinin Besin Değeri ve Duyusal Kalite Özelliklerinin Belirlenmesi Şeyma Nur Bacaksız*, Fikret Çakır
5	559- Toxic Traces of Some Heavy Metals Nurbanu Edi , Melek Zor*
6	631- The role of hormesis in nutrition and health Merve Başak Sarraç*, Gamze Toydemir
7	660- Medicinal Mushrooms as Natural Antioxidant Sources: Their Potential in Combating Oxidative Stress Celal Bal*
8	497- The Effect of Different LED Light Conditions on the Total Phenolic and Flavonoid Contents of Fenugreek (<i>Trigonella foenum-graecum</i> L.) Microgreens Zehra Demirci*, Muhammet Dogan, Bugrahan Emsen
9	637- Evaluation of Antioxidant Activities of Leaf and Fruit Extracts of <i>Cotoneaster coriaceous</i> Franch. by DPPH Assay Yazgı Doga Atıcı*, Muhammet Dogan, Bugrahan Emsen

Discussion
Break (12:40 - 13:00)

Session 10.3 / 11:00 - 12:30		Session Chair : Assist. Prof. Dr. Banu Kocaaga
1	305- Removal of 2-(4-isobutylphenyl)propanoate (ibuprofen) from aqueous solutions by adsorption onto carbon fiber Timur TONGUR	
2	307- Size Effect on WS₂ Structures in Electrochemical Ammonia Synthesis via Nitrogen Reduction Reaction Talha Kuru* , Yigit Osman Akyıldız, Ali Keleş, Barış Arıcı, Emre Aslan , İmren Hatay Patır	
3	308- Electrochemical NH₃ production by different size Molybdenum Sulfide Yigit Osman Akyıldız* , Talha Kuru, Ali Keleş, Barış Arıcı, Emre Aslan, İmren Hatay Patır	
4	309- A novel binary mixture of lauric acid/caprylic acid as phase change material for refrigerated trucks Bercem Kiran-Yildirim* , Zeynep Lara Pazar , Ozlem Turhan	
5	319- Influence of Mg²⁺ Ions on the Crystallization and Filtration Characteristics of Lithium Carbonate Sevgi Polat*	
6	189- Thermal Analysis-Based Investigation of the Pyrolysis Kinetics of <i>Spirulina platensis</i> Sevgi Polat* , Ömer Faruk Kılıç	
7	323- Photocatalytic Hydrogen Generation by a Novel Push-Pull Donor-π-Acceptor Dye Sensitized TiO₂ Yigit Osman Akyıldız, Emre Aslan	
8	623- Injectable Ca²⁺-Bridged CMC/PVA Supramolecular Hydrogel with Self-Healing, Hemocompatibility, and Controlled Procaine Release for Advanced Wound Care Banu Kocaaga*	
Discussion		
Break (12:30 - 13:00)		

Session 10.4 / 11:00 - 12:30		Session Chair : Assoc. Prof. Dr. Songül Taran
1	367- A computer simulation study on coalescence of metal nanoparticles Songül Taran*	
2	381- Magnetic properties of spin-3/2 antiferromagnetic Blume-Capel model in triangular lattice Ahmed Tawfik Hasan Al-Askari , Ulvi Kanbur	
3	534- Bakır Tabanlı Bazı Alaşımların Gama Radyasyonu ile Etkileşimlerinin İncelenmesi Tuğba İspir* , Ferdi Akman	
4	537- Seçilen Kauçukların Gama Radyasyonu Zırhlama Parametrelerinin Değerlendirilmesi Tuğba İSPİR* , Ferdi AKMAN	
5	548- EpiXS tabanlı hesaplamalarla gelişmiş seramik numunelerin gama radyasyonu azaltma kapasitelerinin değerlendirilmesi İlhami Erkoyuncu* , Ferdi AKMAN	
6	549- Bazı Cam Türlerinin Birincil ve İkincil Radyasyon Etkileşimlerinin İncelenmesi İlhami Erkoyuncu* , Ferdi AKMAN	
7	691- Design and optimization of a solar-wind hybrid system with enhanced efficiency measures for Türkiye Nazif Erdem Gülçin* , Betül Çetin , Zuhale Er, Osman Giray Oğuzman	
8	694- Simulation of Charging and Sustainability of Electric Motors in Aviation from a Hybrid Renewable Energy System Betül Çetin* , Nazif Erdem Gülçin, Osman Giray Oğuzman, Zuhale Er	
Discussion		
Break (12:30 - 13:00)		

ORAL PRESENTATIONS		
27 June 2025	SESSION 11	Time 13:00 – 14:30
Session 11.1 / 13:00 – 14:30		Session Chair : Prof. Dr. Celaledin Şençimen
1	95- Interfacial film flows on multi-layer thin films. Gökçen Çekiç*, Grigory M. Sisoev	
2	207- The infinite sum of reciprocal Fibonacci numbers Abdullah Açikel	
3	214- On the relations between three reduced series of numbers Abdullah Açikel	
4	229- Random metric lattices and some betweenness relations in random metric spaces Celaledin Şençimen*	
5	235- Existence of positive solutions for a system of Hadamard fractional boundary value problems Alexandru Tudorache, Rodica Luca Tudorache*	
6	236- Positive solutions to a system of fractional q-difference equations with multi-point boundary conditions Rodica Luca Tudorache *·Alexandru Tudorache	
7	405- Some bounds on distance based energy of graph products Kübra Nur Koral ,Ezgi Aydemir*	
Discussion		
Break (14:30 - 15:00)		

Session 11.2 / 13:00 – 14:30		Session Chair : Assist. Prof. Dr. Meral Özarslan Yatak
1	118- Raspberry Pi Kullanarak Etkili ve Ekonomik Elektronik Ücret Toplama Sistem Tasarımı Burhan ÜSTÜBİ*, Ebubekir KARTAL, Elif ALTINTAŞ, Habib DOĞAN	
2	408- Reinforcement Learning for Aerial Robots: Real-World Evaluation of Infeasible Trajectory Tracking Ali Tahir Karasahin	
3	422- Understanding The Rationale and Advantages Of Embedded Systems Modelling with Emphasis on Electronic Differential Using Ackermann Steering Atakan Ertekin*, Mustafa ENGIN	
4	570- İnsansız Araç Mühendisliğinin Geleceği: Teknolojik Gelişmeler ve Uygulama Alanları Başak Demir Ünalın*	
5	122- Fuzzy backstepping control of quarter car suspension system Meral ÖZARSLAN YATAK	
6	361- Effect Of Feder Produced By Plastic Injection On Material Behavior Yunus ÇİVİCİ , Onuralp ULUER	
7	115- Optimization of U-Bending Process Parameters for 304L Austenitic Stainless Steel BOUDEDJA Amar*, BENCHERIF Mokhtar, ALMANSBA Madjid , FERHOUM Rabah, HABAK Malek, BELMIHOUB Khellaf	
8	515- Inconel 625 süper alaşımının tornalanmasında kesme hızının işleme performansına etkisi Yusuf Siyambaş	
Discussion		
Break (14:30 - 15:00)		

Session 11.3 / 13:00 – 14:30		Session Chair : Dr. Hüsna Topkaya
1	60- Clays as supplementary cementitious materials, a FTIR investigation on structural modification Sidorela Vishkulli*, Sonila Vito, Ilirjana Boci	
2	151- The use of perlite and vermiculite aggregates in the production of lightweight mortars Zeynep ALGIN , H. Murat ALGIN, Savaş KARAMAN*, Sartep NAJMULDEEN ISMAEL, Şerif YOLUK	
3	185- case study on the effects of high horizontal and vertical accelerations on structural damage in Antakya during the 2023 Türkiye earthquakes Emre Gani* , Sezer Öztürk, Ali Sari	
4	246- Menfez kesitlerinde karayolu göçme nedenlerinin araştırılması Abdualmuttalip YOLUR , Necati KAYAALP	
5	385- Non-stationary analysis of extreme temperatures in Erzurum using physical covariates Muhammet Yılmaz*	
6	386- Detection and assessment of pedestrian crossings physical conditions using YOLOv12 model Kadir Diler Alemdar*	
7	400- Perlit agregalı polimer betonların kılcal su emme özelliklerinin deneysel olarak incelenmesi Bedirhan İhsan GÜLNAHAR* , Halit Alperen BULUT	
Discussion		
Break (14:30 - 15:00)		

Session 11.4 / 13:00 – 14:30		Session Chair : Assist. Prof. Dr. Hatice Gürel Özdemir
1	103- Half-Metallic Properties of CsIrl ₃ Perovskite: A First-Principles Study Doğukan Alkan, İlknur Kars Durukan , Yasemin Öztekin Çiftçi	
2	403- Production of Al-doped ZnO materials and investigation of their properties Mariam Charı*, Zafer Gültekin , Handan Engin Kırımlı	
3	566- Kil Minerallerinin Gama Işınları ile Etkileşiminin Araştırılması Hatice Gürel Özdemir*, Ferdi Akman , Mustafa Recep Kaçal	
4	569- Bazı B Vitaminlerin Gama Radyasyonları ile Etkileşimlerinin Araştırılması Hatice Gürel Özdemir* , Ferdi Akman , Mustafa Recep Kaçal	
5	593- Theoretical calculation of gamma radiation shielding properties of some binary aluminate ceramics Meryem YILMAZ*, Ferdi AKMAN	
6	594- Bazı Silikat Cam Elyaflarının Gama Radyasyon Kalkanı Özellikleri Üzerine Bir Çalışma Meryem YILMAZ*, Ferdi AKMAN	
7	665- Temperature dependent electrical behavior of nickel silicide Schottky diodes on p-type silicon Yigitkan Oz, M. Cuneyt Haciismailoglu*	
8	662- Resolved GMCs in Lenticular Galaxy NGC383 Selçuk Topal*, Martin Bureau, Anan Lu, Pandora Dominiak, Woorak Choi, Timothy A. Davis, Fu-Heng Liang, Ilaria Ruffa , Lijie Liu, Hengyue Zhang	
Discussion		
Break (14:30 - 15:00)		

POSTER PRESENTATIONS 3		27 June 2025
POSTER SESSION 3.1		Time 10:30 - 12:30
1	58- Investigation of the effects of some plant lectin proteins on the digestive enzymes of the agricultural pest <i>Halyomorpha halys</i> (stal) beetles Özlem KARADUMAN, Serap DOGAN, Begümhan YILMAZ KARDAS, Mehmet Emin DİKEN, Sakin Vural VARLI	
2	183- The impact of external magnetic field on chlorophyll content, leaf morphology, and gene expression in the <i>Fragaria × ananassa</i> Mustafa Mert Cengiz, Merve Seven	
3	298- The Protective Effects of Chard on Kidney Damage Induced by Valproic Acid Toxicity in Rats Fatemeh Mahmoudi*, Sevim Tunali, Refiye Yanardag	
4	392- Bridging the Knowledge Gap: Investigating Short-Chain PFAS Effects on Lipid Metabolism and Immune System Recep Anıl Kaya	
5	444- Effects of sustainable diets such as insect-based, essential oil-supplemented and single-cell protein on disease resistance in aquaculture Ulviye Karacalar	
6	368- In vitro antioxidant activities of <i>Helianthus tuberosus</i> L. extracts Mitra Bijad *, Sevim Tunali, Refiye Yanardag	
7	472- Effects of <i>Helianthus tuberosus</i> L. extracts on enzyme activities in diabetes mellitus Mitra Bijad *, Sevim Tunali, Refiye Yanardag	
8	582- Phytoremediation potential of <i>Limnobium laevigatum</i> enhanced by ZnO nanoparticles in arsenic-contaminated waters Ekin Ayşegül KIRMIZIKAR, Danial NASSOUHI*, Mehmet Borga ERGÖNÜL	
9	526- Monitoring Organophosphate Resistance in <i>Bemisia tabaci</i> Populations from the Mediterranean and Aegean Regions of Türkiye Ömer YÜZER*, Ersin DOĞAÇ, Alper TONGUÇ	
10	383- Multi 7: A food supplement with antioxidant activity Lulya Aldada *, Ismet Burcu Turkyilmaz Mutlu, Refiye Yanardag	
11	384- Multi 7: A food supplement with inhibitory activity of diabetes-related enzymes Lulya Aldada *, Ismet Burcu Turkyilmaz Mutlu, Refiye Yanardag	
Discussion		



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