



7th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL AND APPLIED SCIENCES (ICANAS 2024)

7. ULUSLARARASI DOĞA VE UYGULAMALI BİLİMLERDEKİ GELİŞMELER KONFERANSI (ICANAS 2024)

APRIL, 17TH-20TH 2024
17-20 NİSAN 2024
ANTALYA, TÜRKİYE



IC Hotels Green Palace, Kundu Mahallesi Yaşar Sobutay Cad
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ICANAS 2024

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Dear colleagues,

On behalf of the Scientific and Organizing Committee, following the six tremendously successful ICANAS conferences we have held in IC Hotels Green Palace, Antalya, we are pleased to invite you to participate in the 7th International Conference on Advances in Natural and Applied Sciences (ICANAS 2024) that will be held in Antalya at the summit of Anatolia on 17-20 April 2024.

ICANAS 2024 stands for International Conference on Advances in Natural and Applied Sciences open to researchers from all over the world working in the fields of Natural and Applied Sciences. It serves as a platform to present the latest research results, to exchange new ideas and application experiences, to discuss challenging issues, to establish research relations and to find global partners for future collaboration. ICANAS 2024 is a non-profit scientific organization.

Exclusive scientific committee and organizing committee of the conference are to ensure that the congress is conducted following high academic standards. We hope that the conference results provide significant contribution to the global knowledge in the relevant scientific fields.

We are proud that ICANAS 2024 is taking place in Antalya, with the support of the İbrahim Çeçen Foundation and with the auspices of Ağrı İbrahim Çeçen University. For their precious financial support, I also like to thank all of the scientific institutions and commercial sponsors listed in the program.

We thank you for your participation and hope that this conference will provide an excellent chance to network with leading scientists from around the globe in the stimulating atmosphere of the venue on the Antalya.

We hope that everyone's stay is enjoyable and productive.

Best regards,

Prof. Dr. Önder ŞİMŞEK

Conference Chair

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GENERAL INFORMATION ON ICANAS 2024

CONFERENCE VENUE

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INSTRUCTION FOR PRESENTERS

Oral Presentations

Oral presentations are limited to 7 min presentation plus 3 min discussion.

If using a Power Point Presentation, please note you need to bring it on USB Memory stick or CD/DVD and load it on one of the symposium computers in the Speakers' Ready Room at least 1 hour before the start of the session.

Alternatively you may supply a personal laptop computer. In such a case please confirm that it has a VGA socket for external signal and come to check it first in the Speakers' Ready Room and later on in the session hall where your lecture is taking place at least 30 minutes before the start of the session. If you would like to show video films with Power Point, please make sure to check it in the session hall at least 40 minutes before the start of the session.

Poster Session

One poster sessions have been scheduled: Thursday 18th April. Posters must be 70 cm (width) x 100 cm (height). Corresponding numbers can be found in the poster list at the end of this booklet.

Topics

Agriculture and Food Sciences
Architecture and Engineering
Biology
Chemistry
Genetic
Health Sciences
Mathematics and Science Education
Mathematics
Physics

OPENING REGISTRATION

The registration desk will be open from Wednesday, April 17th, from 13:00 onwards and every day from 08:30 until the end of the sessions.

NAME BADGE POLICY

We respectfully ask that attendees wear their conference name badges to all scientific sessions and social events.

GENEL PROGRAM

17 Nisan 2024, Çarşamba

13:00	17:00	Kayıt
20:00	21:00	Hoş geldin kokteyli

18 Nisan 2024, Perşembe

09:30	11:00	Açılış Töreni
11:00	12:20	Genel Oturum Salon A
12:20	12:40	Kahve Molası
13:00	14:00	Öğle Yemeği
14:00	14:40	Genel Oturum Salon A
14:40	16:00	Paralel Oturumlar Salon A, Salon C, Salon D
16:00	16:20	Kahve Molası
16:20	17:20	Paralel Oturumlar Salon A, Salon C, Salon D
17:20	17:40	Kahve molası
17:40	18:50	Paralel Oturumlar Salon A, Salon C, Salon D
17:00	19:00	Poster Sunumları Salon B

19 Nisan 2024, Cuma

09:00	10:20	Genel Oturum Salon A
10:20	11:20	Paralel Oturumlar Salon A, Salon C, Salon D
11:20	11:40	Kahve molası
11:40	13:00	Paralel Oturumlar Salon A, Salon C, Salon D
13:00	14:00	Öğle Yemeği
14:00	15:00	Paralel Oturumlar Salon A, Salon C, Salon D
15:00	19:00	Sosyal Program

20 Nisan 2024, Cumartesi

Kapanış

BİLİMSEL PROGRAM

17 Nisan 2024, Çarşamba

13:00	17:00	Kayıt
20:00	21:00	Hoş geldin kokteyli

18 Nisan 2024, Perşembe

09:30	11:00	Açılış Töreni
11:00	12:20	GENEL OTURUM

GENEL OTURUM

SALON A

Oturum Başkanı: Prof. Dr. Murat Aydın

11:00	11:40	Prof. Dr. İlhami Gülçin, Atatürk University, Türkiye Antioxidants and Their Potential as Medicines for Some Metabolic Diseases
11:40	12:20	Prof. Dr. Naveen Kumar Arora, Ambedkar University, India Bioremediation of saline soil using sustainable microbial technology: Success story from lab to land
12:20	12:40	Kahve Molası
13:00	14:00	Öğle Yemeği
14:00	14:40	GENEL OTURUM

GENEL OTURUM

SALON A

Oturum Başkanı: Prof. Dr. Metin Akgün

14:00	14:40	Prof. Dr. Mohammad Ibrahim Abualsayed, University of Tabuk, Saudi Arabia and the Department of Physics at Isra University, Amman, Jordan Enhancing Radiation Protection: A Comparative Analysis of Heavy Metal Oxides in Glass Shielding Systems
14:40	18:50	PARALEL OTURUMLAR

FİZİK

SALON A

Oturum Başkanları: Doç. Dr. Bünyamin Aygün, Dr. Öğr. Üyesi Akın Akıncioğlu

14:40	14:50	ID: 32, Rıdvan Durak, Nuclear Radiation Shielding Properties of Newly Developed Composite Metal Foams: Role of TeO ₂ Addition and Foam Type
14:50	15:00	ID: 33, Rıdvan Durak, Base-State Properties of N- Electron Quantum Dot Structures Interacting Within the Morse Potential

15:00	15:10	ID: 186, Muhammed Emin Güldüren, Gas Sensor Applications of Metal Oxide Nanostructures Synthesized by Cost-Effective Usp Method
15:10	15:20	ID: 124, Thekra Alqutamy, Growth of Cerium Oxide Via Pulsed Electron Deposition as A Thin Film
15:20	15:30	ID: 169, Bünyamin Ayyün, Development of New Metal Matrix Composite Materials with Tungsten Addition and Determination of Their Nuclear Radiation Protection
15:30	15:40	ID: 175, Bünyamin Ayyün, High Temperature Resistant Insulation Composite Materials for Radiation Protection
15:40	15:50	ID: 177, Mustafa Tolga Yurtcan, Obtaining Graphene/Graphitic Structures on Catalyst Surfaces by PECVD Method
15:50	16:00	ID: 123, Nahide Karabulut, The Photoelectrical Performances of WS ₂ -Based Photodiode
16:00	16:20	Kahve molası
SAĞLIK BİLİMLERİ		
SALON A		
Oturum Başkanları: Prof. Dr. Metin Akgün, Dr. Öğr. Üyesi Esra Şentürk		
16:20	16:30	ID: 74, Emine Terzi, Effects Of B-Arbutin on Apoptosis and Cell Cycle A549 And H1299 Lung Cancer Cells
16:30	16:40	ID: 75, Tuba Özdemir Sancı, Investigation of Ilicic Acid on Apoptosis and Cell Cycle in Different Stages of Bladder Cancer Cells
16:40	16:50	ID: 76, Beyza Ecem Öz Bedir, Determination of Herniarin Effects on Apoptosis and Cell Cycle in Pancreas Ductal Adenocarcinoma Cells
16:50	17:00	ID: 78, Emine Serap Çağan, Assessment of Fall Risk in The Postpartum Period by Adapting the Postpartum Period Fall Risk Scale
17:00	17:10	ID: 94, Buse Kaya, Compilation of Innovative Studies Conducted Between 2020-2024 on Newborn Health
17:10	17:20	ID: 119, Mehmet Güvenç, Investigation of the Effects of Tomentosin Against Septic Heart Damage Model Due to Cecum Ligation and Perforation in Rats
17:20	17:40	Kahve molası

SAĞLIK BİLİMLERİ

SALON A

Oturum Başkanları: Doç. Dr. Pınar Baykan, Dr. Öğr. Üyesi Emine Terzi

17:40	17:50	ID: 137, Esra Şentürk , Effect of Heat Stress on Male Rat Kidney Catalase Enzyme
17:50	18:00	ID: 138, Esra Şentürk , Role of Acetylcholinesterase Enzyme in Muscle Cells
18:00	18:10	ID: 150, Kübra Çavuşoğlu , Diagnosis of Autoimmune Diseases: Detecting the Presence of ANA Using the IIF Method
18:10	18:20	ID: 153, Kübra Çavuşoğlu , Diagnosis of Wegener's Granulomatosis: Antineutrophil Cytoplasmic Antibodies
18:20	18:30	ID: 154, Sanaa K. Bardaweel , Understanding the Role of Matrix Metalloproteinase-12 In Lung Cancer as A Potential Drug Target

SAĞLIK BİLİMLERİ

SALON C

Oturum Başkanları: Dr. Öğr. Üyesi Berna Karagöz, Dr. Gülten Benan Göçer

14:40	14:50	ID: 159, Rumeysa Taşkın , Validity and Reliability Study of the Gender-Friendly Breastfeeding Knowledge Scale: A Methodological Study
14:50	15:00	ID: 162, Ebru Solmaz , The Effect of Pet Ownership on Postpartum Maternal Attachment
15:00	15:10	ID: 179, Funda Çimen Açıkgül , Species Determination of Microorganisms Isolated in Blood Culture
15:10	15:20	ID: 190, Pınar Baykan , Examining the Reflection of Occupational Health and Safety Topics on Vocational and Technical High School Curriculum Objectives
15:20	15:30	ID: 191, Pınar Baykan , Psychological Safety in Workplaces
15:30	15:40	ID: 192, Ebru Senemtaş Ünal , Performing Risk Analysis Evaluation in The Faculty of Dentistry
15:40	15:50	ID: 193, Ebru Senemtaş Ünal , Office Environments: Ergonomic Risks and Musculoskeletal Diseases
15:50	16:00	ID: 205, Yalçın Karagöz , Parietin Protects Against H2O2-Induced Oxidative Stress Damage in Erythrocytes

16:00	16:20	Kahve molası
KİMYA		
SALON C		
Oturum Başkanları: Prof. Dr. İlhami Gülçin, Doç. Dr. Lokman Durmaz		
16:20	16:30	ID: 52, Elife Kaya , Acetylcholinesterase, Butyrylcholinesterase, and α -Amylase Enzymes Inhibitory Potentials of Cichorium Pumilum Extracts
16:30	16:40	ID: 71, Şeyma Taşbaşı , Investigation of Inhibition Effects of Some Flavonoids on Cholesterol Esterase
16:40	16:50	ID: 199, Neslihan Balcı , The inhibition Effect of Some Piperidine Derivatives on Acetylcholinesterase Enzyme
16:50	17:00	ID: 92, Rüya Sağlamtaş , Determination of Metabolite Profile and Enzyme Inhibitor Activities of Different Extracts from Pitaya
17:00	17:10	ID: 95, Mehmet Emin Şeker , Comparison of Elemental Analysis, Nutritional Values and Health Risk Assessment of Some Commercial Dried Fruits and Natural Dried Fruits
17:10	17:20	ID: 110, Aytekin Köse , Basic and Simple Step Synthesis and Characterization of Novel Hydrazone Derivatives Containing 4-Methylsulfonate Ester Scaffold
17:20	17:40	Kahve molası
MATEMATİK VE FEN BİLİMLERİ EĞİTİMİ		
SALON C		
Oturum Başkanları: Doç. Dr. Aydın Kızılaslan, Doç. Dr. Ebru Senemtaşı Ünal		
17:40	17:50	ID: 73, Seda Okumuş , Practical Augmented Reality Training for Academicians
17:50	18:00	ID: 105, Pelin Mete , Determination of Science Perceptions of Students with Special Education Through Drawing
18:00	18:10	ID: 140, Merve Coşkun Demirdağ , Investigating the Effectiveness of Augmented Reality (Ar) Technology Supported Science Activities In Preschool Children: Solar System
18:10	18:20	ID: 148, Çağla Nur Özkan , Prospective Science Teachers' Views on Model and Model-Based Teaching

18:20	18:30	ID: 174, Başak Yağsız , Measuring Digital Technology Competencies of Pre-Service Science Teachers
18:30	18:40	ID: 228, Hülya Özen , Assessing the Impact of Industrial Pollution on Environmental and Public Health: A Study on Heavy Metal and Radiation Contamination in Altınoluk and Edremit Using Laser-Induced Breakdown Spectroscopy (LIBS)

**MİMARLIK VE MÜHENDİSLİK
SALON D**

Oturum Başkanları: Doç. Dr. Mustafa Tolga Yurtcan, Doç. Dr. Aydın Kızılaslan

14:40	14:50	ID: 81, Kadir Özbek , Investigation and Simulation of Horizontal Axis Wind Turbine Blade Optimization Methods
14:50	15:00	ID: 82, Kadir Geliş , Comparative Analysis of Technical and Economic Aspects of Solar Tracking System and Fixed Tilt Angle Photovoltaic Systems for Bolu Province
15:00	15:10	ID: 103, Ekrem Güllüce , Removal and Detoxification of Congo Red Dye from Aqueous Solutions Using Fraxinus excelsior L. (Oleaceae) Biosorbent
15:10	15:20	ID: 104, Ekrem Güllüce , Removal of Congo Red Dye from Aqueous Solutions Using Robinia pseudoacacia L. (Fabaceae) Fruits Biosorbent; Isotherm and Kinetic Studies
15:20	15:30	ID: 183, Mehmet Ali Çelik , An Example Design Model of Wireless Power Transfer Using ANSYS Maxwell and Simplorer
15:30	15:40	ID: 135, Casim Yazıcı , Influence of Fire Temperature and Bar Diameter on the Mechanical Performance of Steel Reinforcement in Reinforced Concrete Structures
15:40	15:50	ID: 136, Casim Yazıcı , Enhancing Concrete Strength with Waste Metal Fibers: A Study on Mechanical Properties and Workability
15:50	16:00	ID: 126, Sümeyra Beyzade , Fractional Order Memristör Based PID Control Systems
16:00	16:20	Kahve molası

**BIYOLOJİ
SALON D**

Oturum Başkanları: Doç. Dr. Sümeyra Gürkök, Doç. Dr. Burak Alaylar

16:20	16:30	ID: 68, Derya Efe , A Promising Approach to Recover Non-Arable Soils with Different Contaminants: Bacterial Bioremediation
16:30	16:40	ID: 87, Erkan Azizođlu , Ornithological Potential of Foça (İzmir)
16:40	16:50	ID: 88, Muzaffer Mükemre , Poisonous Plants; Van Case Study
16:50	17:00	ID: 91, Burcu Ergöz Azizođlu , Investigation of The Healing Effect of Melatonin on Deltamethrin Applied Mouse Primary Hepatocyte Culture
17:00	17:10	ID: 100, Metin Ertaş , Identification and Antimicrobial Activity of Streptomyces Bacteria Isolated from Some Areas of the Zap River
17:10	17:20	ID: 144, Yusuf Gülşahin , Molecular Docking Analysis of Luteolin Derivatives as SARS-CoV-2 Inhibitors
17:20	17:40	Kahve Molası

TARIM VE GIDA BİLİMLERİ

SALON D

Oturum Başkanları: Prof. Dr. Murat Aydın, Doç. Dr. Sümeyra Gürkök,

17:40	17:50	ID: 77, Emre Çomaklı , The Relationship between Nutrition Problems and Soil Profile in Afforestation Studies in Base Physiography
17:50	18:00	ID: 79, Tuğba Çomaklı , Evaluation of Forage Quality Properties of Different Forest Rangeland Parts
18:00	18:10	ID: 113, Bengü Açıdoğuran , Renewable Energy, Agriculture and CO ₂ Emission Relationship: Turkey's Example
18:10	18:20	ID: 141, Esma Yiğider , Characterization of the Gibberellic Acid-Stimulated in Arabidopsis (GASA) Gene Family in Quinoa
18:20	18:30	ID: 142, Murat Aydın , Genome-Wide Analysis and Characterization of PIP5K (Phosphatidylinositol-4-Phosphate 5-Kinase) Gene Family of Phaseolus Vulgaris L.
18:30	18:40	ID: 149, Merve Yüce , Determination of the Effect of Strigolactone on Pepper (Capsicum annuum) Seedlings under Zinc Toxicity

18:40	18:50	ID: 171, Esra Kadanalı , Analysing the Agricultural Emissions Performance of The World's 20 Largest Economies
POSTER SUNUMLARI Salon B		
17:00	19:00	P1-P13
P1		ID: 56, Alper Yıldırım , Synthesis of Triazole Compounds from Azide-derived Oxazolidinone Compounds
P2		ID: 118, Ümmügülsüm Polat Korkunç , Cancer Healing Effects of Natural Organosulfur Compounds Originating in Turkey
P3		ID: 122, Neslihan Aydemir , Determination of in vitro anti-diabetic properties of Ractopamine
P4		ID: 158, Ramazan Demirdağ , Metabolite Profiling and Enzyme Inhibitory Activity Potential of Different Extracts from Papaver Triniifolium
P5		ID: 188, Şeyma Taşbaşı , Plants Defense Enzymes
P6		ID: 97, Zineb Chetouh , Retrospective Study of Evaluating Screening Activities of Precancerous Cervical Lesions in Eastern Region of Algiers
P7		ID: 204, İlnur Çolak , A Molecular Docking Study on the Methylene Blue Toxicity
P8		ID: 209, Yusuf Gülşahin , Applications of CRISPR-Cas Systems on Lactic Acid Bacteria
P9		ID: 226, Aydın Kızılaslan , Analysis of Teacher Needs Regarding the Science Course Conducted in Support Education Rooms
P10		ID: 98, İlfer Babacan , Investigation of the Inhibitory Activity of Pyrazoline Derivatives Against the BChE Enzyme
P11		ID: 99, Emine Doğru , Candidate Drugs for Alzheimer's Disease: Pyrazole Derivatives
P12		ID: 89, Hattf Bazool Farhood , Investigated Study of Anemia in Pregnant Women
P13		ID: 216, Gülsün Oktay , Investigation of the inhibition effect of some indole derivative molecules on hCA-I and hCA-II isoenzymes
19 Nisan 2024, Cuma		
09:00	10:20	GENEL OTURUM
GENEL OTURUM		

SALON A**Oturum Başkanı: Prof. Dr. Erol Kam**

09:00	09:40	Prof. Dr. Anake Kijjoa , University of Porto, Portugal Configurations and Conformations: an Achilles Heel of Structure Elucidation of Natural Products
09:40	10:20	Assoc. Prof. Dr. Simone Carradori , Dual Coumarin-Based Inhibitors of Carbonic Anhydrases and Monoamine Oxidase B Against Neurodegenerative Disorders

10:20**13:00****PARALEL OTURUMLAR****SAĞLIK BİLİMLERİ****SALON A****Oturum Başkanları: Dr. Öğr. Üyesi Dilan Özmen Özgün, Dr. Öğr. Üyesi Beyza
Ecem Öz Bedir**

10:20	10:30	ID: 202, Berna Öztürk Karagöz , Gastric Ulcer
10:30	10:40	ID: 215, Seçil Nazife Parlak , Effect of Proton Pump Inhibitors (PPI) on The Tissues
10:40	10:50	ID: 229, Hakan Ocak , Angiogenesis related roles of induced pluripotent stem cells in wound healing
10:50	11:00	ID: 237, Murat Yıldırım , Understanding Positive Psychology: Past, Present, and Future Perspectives
11:00	11:10	ID: 238, Abdurrahim Güler , Social Support, Religiosity, and Death Distress after Maraş Earthquake
11:10	11:20	ID: 240, Gülten Benan Göçer , The Relationship Between Hearing Loss and Dementia
11:20	11:40	Kahve molası

GENETİK, TARIM VE GIDA BİLİMLERİ**SALON A****Oturum Başkanları: Doç. Dr. Esra Kadanalı, Doç. Dr. Emre Çomaklı**

11:40	11:50	ID: 181, Buket Çakmak Güner , The Evaluation of HERV-K Gene Expression in Doxorubicin-treated MCF-7 Breast Cancer Cell Line
11:50	12:00	ID: 197, Ersin Karataş , <i>in silico</i> Screening and Heterologous Expression of a Polyethylene Terephthalate Hydrolase from Micromonospora inositola Involved in Plastic Biodegradation
12:00	12:10	ID: 213, Merve Yilmazer , Effects of Metformin on Human GSK3 β Gene Expression in Fission Yeast
12:10	12:20	ID: 45, Sümeyra GÜRKÖK , Cellulase-Producing Bacteria from Lake Van

12:20	12:30	ID: 46, Sümeyra GÜRKÖK , Isolation and Identification of Amylase-Producing Strain
FİZİK		
SALON C		
Oturum Başkanları: Doç. Dr. Bünyamin Aygün, Dr. Öğr. Üyesi Zeynep UZUNOĞLU		
10:20	10:30	ID: 224, Erol Kam , Enhancing Water Quality Monitoring: Development of Carbon Nanotube-Functionalized Quartz Crystal Sensors for Trace Detection of Cadmium and Lead Ions
10:30	10:40	ID: 187, Muhammed Emin Güldüren , Characterization and Supercapacitor Analysis of Metal Oxide Semiconductor Thin Films Grown by Usp Method
10:40	10:50	ID: 206, Ahmet TAŞER , Characterization of Mn-Doped MgO Thin Films Produced via Successive Ionic Layer Adsorption Reaction Method
10:50	11:00	ID: 207, Ufuk Perişanoğlu , Investigation of Nuclear Radiation Shielding Properties of Glass/Al/WS ₂ Composites Produced by RF Sputtering Method
11:00	11:10	ID: 208, Vedat Sola , Investigation of Gamma Radiation Attenuation Properties of Tungsten and Molybdenum High-Speed Steels
11:10	11:20	ID: 220, Esra Kavaz Perişanoğlu , Shielding Performance of Lightweight Nickel Foam/Mos ₂ Composites
11:20	11:40	Kahve molası
KİMYA		
SALON C		
Oturum Başkanları: Prof. Dr. Hülya Akıncioğlu, Dr. Öğr. Üyesi Leyla Polat Köse		
11:40	11:50	ID: 128, Tuba Aydın , Quantitative Analysis of Ursolic Acid in Lavandula Stoechas Extracts and Bioactivity Studies
11:50	12:00	ID: 151, Kübra Coşgun Çalışır , The First Synthesis of New N-Substituted α -Amino Acid Methyl Ester Derivatives and Investigation of Their Inhibitor Effects on AChE and BChE
12:00	12:10	ID: 182, Dilara Toğrul , Synthesis of Novel Amino Acid Methyl Ester Derivatives and Investigation of Ache and Bche Inhibition Properties

12:10	12:20	ID: 184, Ahmet Çağan , Synthesis And <i>in silico</i> Docking Studies of New Benzene Sulfonamides towards Investigation of hCA and AChE
12:20	12:30	ID: 185, Güven Budak , Comparative Analysis of New Monoamine Oxidases (A And B) from Pan Troglodytes
12:30	12:40	ID: 108, Lokman Durmaz , The Impact of Genistein on Human Carbonic Anhydrase Isoenzymes (hCA I and II)

MİMARLIK VE MÜHENDİSLİK, MATEMATİK

SALON D

Oturum Başkanları: Dr. Öğr. Üyesi Dilan Özmen Özgün, Dr. Öğr. Üyesi Rüya Sağlamtaş

10:20	10:30	ID: 155, Abdulhadi Koşatepe , Effect of Different Chip Ratios on Metal Quality via Rotary Degassing
10:30	10:40	ID: 112, Ali Sait Özer , Modelling and Analysis of STATCOM Based SEIG
10:40	10:50	ID: 178, Osman Özer , Comparative Study of Gated Recurrent Unit and Long-Short Term Memory for Li-Ion Batteries on State of Charge Estimation
10:50	11:00	ID: 180, Behice Yağmur Aydın , Investigation of The Wastewater of Organized Industrial Zone by Jet Loop Membrane Bioreactor System
11:00	11:10	ID: 239, Mustafa Varol , Advancements in Aluminium Alloys: The Future Unfolded by in situ Powder Metallurgy
11:10	11:20	ID: 170, Mikheili Gagoshidze , Numerical Solution of Two Systems of Nonlinear Partial Differential Equations Using Machine Learning
11:20	11:30	ID: 168, Besiki Tabatadze , Numerical solution of one nonlinear fourth-order integro-differential parabolic equation using machine learning
11:20	11:40	Kahve molası

SAĞLIK BİLİMLERİ, FİZİK, MİMARLIK VE MÜHENDİSLİK

SALON D

Oturum Başkanları: Doç. Dr. Mustafa Tolga Yurtcan, Dr. Öğr. Üyesi Tuba Özdemir Sancı

11:40	11:50	ID: 231, Hasan Can , Development and Validation of a UHPLC–ESI–MS/MS Method for the Simultaneous Determination of Organic Acids and Phenolic
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		Compounds in Filipendula vulgaris, Polygonum divaricatum, Hypericum linarioides and Rheum ribes
11:50	12:00	ID: 232, Ayla Arslan , Effects of Leflunomide on Heart Tissues of Sepsis Induced Rats
12:00	12:10	ID: 211, Muhammed Necip Canbolat , Serum Albumin Synthesis of Modified Jujube (Zizyphus jujuba) Quantum Dot and Determination of Its Effect on Various Cancer Cells
12:10	12:20	ID: 236, Hasan Feyzi Budak , 2D MoS ₂ /MoO ₂ Nanocomposite Structures Growth Control by Chemical Vapor Deposition
12:20	12:30	ID: 221, Mansur Albayrak , Cd dopant effect on supercapacitor applications of Mn ₃ O ₄ thin film grown by silar method
12:30	12:40	ID: 222, Mansur Albayrak , Ag dopant effect on supercapacitor applications of Mn ₃ O ₄ Thin film grown by silar method
12:40	12:50	ID: 200, Ahmet Özmen , Comparative Analysis of Database Technologies for IoT Environments
12:50	13:00	ID: 210, Emre Arslan , Impact of Feature Selection on Energy Forecasting Machine Learning Models
13:00	14:00	Öğle yemeği
14:00	15:00	PARALEL OTURUMLAR

**MİMARLIK VE MÜHENDİSLİK
SALON A**

Oturum Başkanı: Doç. Dr. Bünyamin Aygün, Dr. Öğr. Üyesi Akın Akıncıoğlu

14:00	14:10	ID: 129, Ayhan ÇELİK , Biomimetic Approach: Innovative Design Solutions from Structures Inspired by Nature
14:10	14:20	ID: 120, Şükran Merve Tüzemen , Enhancement of Corrosion Resistance for Biodegradable Pure Magnesium by Anodization Processes
14:20	14:30	ID: 121, Şükran Merve Tüzemen , Examination on the Tribological Properties of hBN Doped Anodized Pure Magnesium
14:30	14:40	ID: 143, Kamil Orman , Modeling and Altitude Control of The Ground Effect Vehicle
14:40	14:50	ID: 145, Nil Kaplan , Mechanical and Hybrid Connection Types of Carbon Fiber Reinforced Composites

14:50	15:00	ID: 145, Nil Kaplan, Application of Mechanical and Hybrid Connection Types to Carbon Fiber Reinforced Polymer Composites
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KIMYA

SALON C

Oturum Başkanları: Dr. Öğr. Üyesi Elife Kaya, Dr. Öğr. Üyesi Neslihan Balcı

14:00	14:10	ID: 194, Kübra Aslan, Antioxidant property investigation of a novel plant species discovered from Türkiye: Rheum telianum
14:10	14:20	ID: 198, Kadir Aksu, Synthesis of Novel 2-arylidene-2,3-dihydro-1H-inden-1-amine Compounds
14:20	14:30	ID: 235, Yaşar Hasanoğlu, Investigation of the Effects of Different Colored Black Peppers on Cholinesterases
14:30	14:40	ID: 189, Arzu Öztürk Kesibir, Inhibition Effect of Chromenopyridine Derivatives on Some Metabolic Enzymes
14:40	14:50	ID: 111, Leyla Polat Köse, Determination of Antioxidant Capacity, Anticholinergic Activity, and Phenolic Ingredients of Yellow Mustard (<i>Sinapis Alba</i>), and Black Mustard (<i>Brassica Nigra</i>) Extracts By LC-MS/MS

BİYOLOJİ

SALON D

Oturum Başkanı: Doç. Dr. Derya Efe, Doç. Dr. Burak ALAYLAR

14:00	14:10	ID: 203, İknur Çolak, Investigation of Crystal Violet Phytotoxicity: An Experimental and Computational Research
14:10	14:20	ID: 195, Ülkü Zeynep Üreyen Esertaş, A Combined Biochemical and Bioinformatic Analysis of Analysis of a New Subtilisin from Hyperthermophilic Archaeon <i>Thermococcus Piezophilus</i>
14:20	14:30	ID: 218, Yüksel Dil, Investigation of Endophytic Siderophore Producing <i>Mucor</i> sp. from <i>Origanum vulgare</i> L. ssp. <i>vulgare</i>
14:30	14:40	ID: 217, Yüksel Dil, Isolation and Characterization of ACC Deaminase Producing Endophytic <i>Pantoea</i> ssp. from <i>Origanum vulgare</i> L. ssp. <i>vulgare</i>
15:00	19:00	Sosyal Program