

**4<sup>th</sup> INTERNATIONAL 5-OCAK CONGRESS  
ON APPLIED SCIENCES**

January 05-06, 2023  
Adana, TURKEY

**CONGRESS  
PROGRAM**

Online (with ZOOM Conference)

**Meeting ID:** 864 0866 0803

**Passcode:** 050505

### **Önemli, Dikkatle Okuyunuz Lütfen**

- ❖ Kongremizde Yazım Kurallarına uygun gönderilmiş ve bilim kurulundan geçen bildirimler için online (video konferans sistemi üzerinden) sunum imkanı sağlanmıştır.
- ❖ Online sunum yapabilmek için <https://zoom.us/join> sitesi üzerinden giriş yaparak “Meeting ID or Personal Link Name” yerine ID numarasını girerek oturuma katılabilirsiniz.
- ❖ Zoom uygulaması ücretsizdir ve hesap oluşturmaya gerek yoktur.
- ❖ Zoom uygulaması kaydolmadan kullanılabilir.
- ❖ Uygulama tablet, telefon ve PC’lerde çalışıyor.
- ❖ Her oturumdaki sunucular, sunum saatinden 5 dk öncesinde oturuma bağlanmış olmaları gerekmektedir.
- ❖ Tüm kongre katılımcıları canlı bağlanarak tüm oturumları dinleyebilir.
- ❖ Moderatör – oturumdaki sunum ve bilimsel tartışma (soru-cevap) kısmından sorumludur.

### **Dikkat Edilmesi Gerekenler- TEKNİK BİLGİLER**

- ◆ Bilgisayarınızda mikrofon olduğuna ve çalıştığına emin olun.
- ◆ Zoom'da ekran paylaşma özelliğine kullanabilmelisiniz.
- ◆ Kabul edilen bildiri sahiplerinin mail adreslerine Zoom uygulamasında oluşturduğumuz oturuma ait ID numarası gönderilecektir.
- ◆ Katılım belgeleri kongre sonunda tarafınıza pdf olarak gönderilecektir
- ◆ Kongre programında yer ve saat değişikliği gibi talepler dikkate alınmayacaktır

### **IMPORTANT, PLEASE READ CAREFULLY**

- ❖ To be able to attend a meeting online, login via <https://zoom.us/join> site, enter ID “Meeting ID or Personal Link Name” and solidify the session.
- ❖ The Zoom application is free and no need to create an account.
- ❖ The Zoom application can be used without registration.
- ❖ The application works on tablets, phones and PCs.
- ❖ The participant must be connected to the session 5 minutes before the presentation time.
- ❖ All congress participants can connect live and listen to all sessions.
- ❖ Moderator is responsible for the presentation and scientific discussion (question-answer) section of the session.

### **Points to Take into Consideration - TECHNICAL INFORMATION**

- ◆ Make sure your computer has a microphone and is working.
- ◆ You should be able to use screen sharing feature in Zoom.
- ◆ Attendance certificates will be sent to you as pdf at the end of the congress.
- ◆ Requests such as change of place and time will not be taken into consideration in the congress program.

**Hall-1, Session-1**  
**05.01.2023, Thursday**



**13<sup>00</sup>-15<sup>30</sup>**

• Turkey Local Time



**ID: 864 0866 0803**

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**MODERATOR:**

<b>AUTHORS</b>	<b>AFFILIATION</b>	<b>TOPIC TITLE</b>
Emre ALTAŞ	<i>Bartın University (Türkiye)</i>	INVESTIGATION OF THE WEAR PERFORMANCES OF AISI O2 TOOL STEEL AT HIGH TEMPERATURES
Assist. Prof. Dr. Ramazan SELVER Yusuf Can AKAR Mustafa BAŞEKİN	<i>Süleyman Demirel University (Türkiye)</i>	EFFECT OF HUMP RATIO OF THE WINGS ON AERODYNAMIC PARAMETERS
Prof. Dr. Ahmet YÜKSEL Prof. Dr. İbrahim ÇAN Cengizhan TUZUN	<i>Sivas Cumhuriyet University (Türkiye)</i>	THE STRATEGIC ANALYSIS OF THE HISTORY AND CLASSIFICATION OF UNMANNED COMBAT VEHICLES AND THEIR IMP ACT ON THE BATTLEFIELD
Mohamed MILOUDI Mohamed MANKOUR Houcine MILOUDI Abdelkader GOURBI Abdelber BENDAOU Abdelkader RAMI Nassireddine BENHADDA	<i>Relizane University (Algeria)</i> <i>UDL University (Algeria)</i> <i>ABB University (Algeria)</i>	EMI / EMC ISSUES IN SWITCH MODE POWER SUPPLIES
Mustafa Şükrü KURT Gonzalo Vallejo Fernandez	<i>University of York (UK)</i>	EFFECT OF DEPOSITION THICKNESS OF ANTI-FERROMAGNETIC MnN LAYER ON THE MAGNETIC PROPERTIES OF Ta/MnN/CoFe EXCHANGE BIAS SYSTEMS
Furkan KOCABAŞ Prof. Dr. Fatih MENGELOĞLU	<i>Sütçü İmam University (Türkiye)</i>	THE EFFECT OF COMPATIBILITY ANHANCING MATERIAL ON THE PROPERTIES OF WOOD PLASTIC COMPOSITES
H. Ümran AYDIN Assist. Prof. Dr. Ü. Mert TUĞSAL	<i>Gebze Technical University (Türkiye)</i>	DETERMINATION OF EARTHQUAKE RISKS OF EXISTING REINFORCED BUILDINGS WITH FIRST DEGREE METHODS AND COMPARISON WITH P25 METHOD
Turhan SARAÇ Assist. Prof. Dr. Mahmut ÜNALDI	<i>Selçuk University (Türkiye)</i>	THE EFFECT OF USING R290 INSTEAD OF R404A REFRIGERANT ON REFRIGERATION PERFORMANCE IN PROMOTIONAL COMMERCIAL TYPE CABINETS

**Hall-2, Session-1**  
**05.01.2023, Thursday**



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Assoc. Prof. Dr. Demet AYDIN Dr. Yasin ALTINIŞIK	<i>Sinop University (Türkiye)</i>	A REPARAMETERIZATION OF THE GEOMETRIC REGRESSION WITH DIFFERENT ESTIMATION TECHNIQUES TO COPE WITH OUTLIERS IN COUNT DATA
Dr. Yasin ALTINIŞIK	<i>Sinop University (Türkiye)</i>	MODEL SELECTION USING BAYES FACTOR IN THE PRESENCE OF OUTLIERS FOR COUNT DATA
Prof. Dr. Sait Erdal DİNÇER Kadir YILDIZ	<i>Marmara University (Türkiye)</i>	PREDICTION OF EMPLOYEE ATTRITION WITH STATISTICAL METHODS AND ATTRITION OPTIMIZATION WITH SALARY ADJUSTMENTS
Abdulrahman ALSABBAGH Prof. Dr. Necati OLGUN	<i>Gaziantep University (Türkiye)</i>	WHAT IS 'NEUTRO' IN MATHEMATICS?
İbrahim KERTMEN Esin ÇEVİK	<i>Yildiz Technical University (Türkiye)</i>	INVESTIGATION OF THE EFFECT OF THE SPECTRUM ON WAVE OVERTOPPING ON BREAKWATERS
Assist. Prof. Dr. Mustafa EKEN Prof. Dr. CENGİZ DURAN AŞIŞ Prof. Dr. Mehmet Metin KÖSE	<i>Kahramanmaraş İstiklal University (Türkiye)</i> <i>Erciyes University (Türkiye)</i> <i>Kahramanmaraş Sütçü İmam University (Türkiye)</i>	INVESTIGATION OF SULPHATE RESISTANCE OF ORGANIC AND INORGANIC ADDITIVE CONCRETES
Neşe GENÇ Gülsüm YILMAZ	<i>Ministry of Education (Türkiye)</i>	THERAPEUTIC RECREATION STUDIES WITHIN THE SCOPE OF HEALTH RECREATION
Dr. Abdullah YILMAZ	<i>Kırkkale University (Türkiye)</i>	SKEW-SYMMETRIC HYPERBOLIC SECANT-NORMAL DISTRIBUTION

**Hall-3, Session-1**  
**05.01.2023, Thursday**



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Abdullayeva Shahla	<i>Azerbaijan State Pedagogical University (Azerbaijan)</i>	FUNGAL DISEASES DETECTED ON WHEAT PLANTS AND BARLEY IN THE FIELDS OF THE CITY OF SHIRVAN
Rashidat Oluwabukola OWOLABI Abdullahi DAHIRU	<i>Emirates College of Health Sciences and Technology (Nigeria)</i> <i>Lincoln University College (Malaysia)</i>	FACTORS AFFECTING ADVERSE DRUG REACTION REPORTING AMONG HEALTH CARE PRACTITIONERS IN PRIMARY HEALTH CARE CENTRES IN KANO METROPOLIS
Assist. Prof. Dr. E. Dilşat YEGENOGLU Prof. Dr. Güldehen BILGEN	<i>Celal Bayar University (Türkiye)</i> <i>Ege University (Türkiye)</i>	INVESTIGATING of HEAT STRESS on hsp70 LEVELS in POULTRY: in-silico ANALYSIS OF Hsp70 GENES
Shalala ISMAYILOVA Aytan MAMMADZADA Natavan HUSEYNOVA Samira MAMMADOVA Irada MAMMADOVA	<i>Azerbaijan Medical University (Azerbaijan)</i>	ASSOCIATION OF ENDOTHELIAL NITRIC OXIDE SYNTHASE GENE POLYMORPHISM WITH ENDOTHELIAL DYSFUNCTION IN DIABETIC NEPHROPATHY
Bagirova Malahat Mammadova Vuqara Ismayilova Sabina Pashayeva Xayala Alazova Konul Mikayilova Vusala Hamzayeva Mehran Mammadova Cahan Mammadov Parvin	<i>The V.Y. Akhundov Scientific Research Medical Preventive Institute (Azerbaijan)</i>	A RETROSPECTIVE STUDY OF THE EFFECTIVENESS OF VACCINATION AGAINST SARS-COV-2 IN AZERBAIJAN
Ana BARATI Ayan HUSEYNZADE	<i>Khazar University (Azerbaijan)</i> <i>Istanbul University (Türkiye)</i>	METAL NANOPARTICLES FABRICATED BY GREEN SYNTHESIS AND POLYMERIC NANOPARTICLES FOR DRUG DELIVERY SYSTEMS IN THE TREATMENT OF MALARIA
Dr. Cengiz ERTEKİN	<i>Sakarya University (Türkiye)</i>	EVALUATION OF THE EFFECTS OF CSA-131 - HYDROGEL COATED SILICONE IMPLANTS ON THE DEVELOPMENT OF BIOFILM AND CAPSULAR CONTRACTURE IN RATS
Dr. Cengiz ERTEKİN	<i>Sakarya University (Türkiye)</i>	EVALUATION OF THE EFFECTS OF CSA-131 - HYDROGEL COATED SILICONE IMPLANTS ON THE DEVELOPMENT OF BIOFILM AND CAPSULAR CONTRACTURE IN RATS
Ansar Bilyamin ADAM Aminu Ado KAUGAMA Garindo BORO Aboh Mbo JOSEPH Jabir Abdullahi MUHAMMAD Salisu SULEİMAN Mohammed HALADU	<i>Federal University Wukari (Nigeria)</i>	PHYTOCHEMICAL AND ANTIBACTERIAL ANALYSIS OF LEAVES EXTRACT OF PISTIA STRATIOTES