



**ISARC**

**9. INTERNATIONAL  
SCIENCES AND INNOVATION  
CONGRESS**

**16-17 MARCH 2024**

**ŞANLIURFA  
CONGRESS PROGRAM**

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PAPER FROM TURKEY: 26**

zoom



### 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.
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- ❖ 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.
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- ◆ Kongre programında yer ve saat değişikliği gibi talepler dikkate alınmayacaktır

#### IMPORTANT, PLEASE READ CAREFULLY

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- ❖ 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.

**ÖNEMLİ NOT: SUNUMLARINIZI HEM TÜRKÇE HEM İNGİLİZCE HAZIRLAMANIZI RİCA EDERİZ**



**16.03.2024**  
**SATURDAY / 10:30-12:00**

**SESSION-1 HALL-1**  
**MODERATOR: Prof. Dr. Aybaba HANÇERLİOĞULLARI**

Algeria/Azerbaijan/Congo/India/Indonesia/Iran/Malaysia/Morocco/Nigeria/Pakistan/Tunisia /Ukraine

<b>AUTHORS</b>	<b>AFFILIATION</b>	<b>TOPIC TITLE</b>
Hüseyin GEZER Assoc. Prof. Dr. Kemal Fürkan SÖKMEN Resc. Assist. Muhammed Emin TOPAL Assoc. Prof. Dr. Birol ŞAHİN	Bursa Technical University Recep Tayyip Erdoğan University	Güneş Enerjisi Destekli Trijenerasyon Sistemin Termodinamik Analizi: Gıda Üretim Tesisi Örneği
Civil Eng. Merve ARSLAN KAPUCU Assoc. Prof. Dr. Latif Onur UĞUR	Düzce University	Estimation Of Exterior Thermal Insulation Costs Of Multi-Storey Reinforced Concrete Buildings: A Model Example
Farah MAHER Salah HAJISMAIL	Ankara Yıldırım Beyazıt University	Assessment Of Natural Lighting Levels In The Studio Classroom Of The Architectural Department At Aybu Using The Dialux Tool
Rafa Othman Hussein ELSHARA Ramadan AGOUB Prof. Dr. Aybaba HANÇERLİOĞULLARI	Kastamonu University	An Approach Based On Particle Swarm Optimization For Parameter Estimation Of PV Solar Cells And Modules
Abdulmonem AHMED Prof. Dr. Aybaba HANÇERLİOĞULLARI	Kastamonu University	Generating Arabic Words From Roots
Ramadan Ahmed Ali AGOUB Rafa ELSHARA Prof. Dr. Aybaba HANÇERLİOĞULLARI	Kastamonu University	Maximum Power Point Tracking Based On Fuzzy Logic And Particle Swarm Optimization For Solar Photovoltaic Systems
GUERBOUB Lynda SOUFI Ouahiba OULDSAADI Linda	Université de Bejaia, Algeria	Exploring Bioactive Compounds In Olive Pomace: Implications For Human Health
Ahmet Cumhuri ÖZTÜRK Assist. Prof. Dr. Fatih SOYGAZİ	Aydın Adnan Menderes University	Detecting Communities In Social Networks Using Graph Mining



**16.03.2024**  
**SATURDAY / 10:30-12:00**

**SESSION-1 HALL-2**  
**MODERATOR: Prof. Dr. Mehmet ALKAN**

Algeria/Azerbaijan/Congo/India/Indonesia/Iran/Malaysia/Morocco/Nigeria/Pakistan/Tunisia /Ukraine

<b>AUTHORS</b>	<b>AFFILIATION</b>	<b>TOPIC TITLE</b>
Funda DEMİR Batıkan Erdem DEMİR	Karabuk University	Optimization Of PID Parameters In Double FED Induction Motor Speed Control Using Whale Optimization Algorithm
Ömer Emre UÇAKKUŞ Adalet ZEREN,Sinan FİDAN Mustafa Özgür BORA,Satılmış ÜRGÜN Reyhan CEYLAN,Elanur OZUN Tamer SINMAZÇELİK	Kocaeli University Ulus Metal San. ve Tic. A.Ş.	Characterization Of Surface Morphology Changes In Cold Work Tool Steel 1.2379 From Repetitive CO <sub>2</sub> Laser Line Operations
Ömer Emre UÇAKKUŞ Adalet ZEREN,Sinan FİDAN Mustafa Özgür BORA,Satılmış ÜRGÜN Reyhan CEYLAN,Elanur OZUN Tamer SINMAZÇELİK	Kocaeli University Ulus Metal San. ve Tic. A.Ş.	Investigating The Effects Of CO <sub>2</sub> Laser Processing Parameters On 1.2379 Cold Work Tool Steel Surfaces
Hassan ZARİOUH	Mohammed I University, Morocco	Integrating Information And Communication Technology Into Education
Ercan AVCIOĞLU Prof. Dr. Mehmet ALKAN	Yıldız Technical University	Creating Urban Transformation Data Model For Risky Areas: A Case Study Of Beykoz Cubuklu Neighbourhood
Selin GÜNGÖR Ramazan BAYINDIR	Gazi University	An Approach based on the Deep Learning and Ant Colony Optimization Algorithm for Fake News Detection



**16.03.2024**  
**SATURDAY / 11:00-12:30**

**SESSION-2 HALL-3**  
**MODERATOR: Prof. Dr. Nazan KOLUMAN**

Algeria/Azerbaijan/Congo/India/Indonesia/Iran/Malaysia/Morocco/Nigeria/Pakistan/Tunisia /Ukraine

<b>AUTHORS</b>	<b>AFFILIATION</b>	<b>TOPIC TITLE</b>
Assoc. Prof. Dr. Derya KARATAŞ YENİ Assist. Prof. Dr. Yavuzkan PAKSOY Vet. Duygu ARSLAN	Necmettin Erbakan University Alfa Vet Veteriner Hekim Muayenehanesi	Cannibalism Abnormal Behavior And Infection Risks In Parrots
Assist. Prof. Dr. Yavuzkan PAKSOY Lect. Ali Ekber ÜN Prof. Dr. Nazan KOLUMAN	Necmettin Erbakan University Ankara Yıldırım Beyazıt University Cukurova University	Imitation Behavior In Horses
Dr. Kenan ÇELİK Kader ERÇİK Mehmet ÇİÇEK Murat KAYA	GAP International Agricultural Research And Training Center Alata Garden Cultures Research Institute	Determination of the Performance of Some Local Strawberry Varieties in Diyarbakır Ecology
Mehmet BOZAN Mehmet Can ULUÇEŞME Arda EYVAZ, Onur CEYLAN Ferda SEVİNÇ, Münir AKTAŞ Sezai ÖZÜBEK	Fırat University Selçuk University	Diyarbakır Yöresinde Koyunlarda Babesia Ovis'in Elisa Yöntemiyle Serolojik Olarak Prevalansının Belirlenmesi



**16.03.2024**  
**SATURDAY / 11:00-12:30**

**SESSION-2 HALL -4**  
**MODERATOR: Assist. Prof. Dr. Ahmet ILICA**

Algeria/Azerbaijan/Congo/India/Indonesia/Iran/Malaysia/Morocco/Nigeria/Pakistan/Tunisia /Ukraine

<b>AUTHORS</b>	<b>AFFILIATION</b>	<b>TOPIC TITLE</b>
Assist. Prof. Dr. Ahmet ILICA	Kutahya Dumlupinar University	Variable Frequency Drives In Photovoltaic Energy FED Electric Submersible Water Pumps
Assist. Prof. Dr. Ahmet ILICA	Kutahya Dumlupinar University	Bidirectional Isolated DC-DC Converters In Electric Vehicle Systems
Resc. Assist. Muhammed TELÇEKEN Bünyamin BİNGÖL Sezgin KAÇAR	Sakarya University Sakarya University of Applied Sciences	Object Detection With YOLOv9 Algorithm In Aerial Imaging Applications
Resc. Assist. Muhammed TELÇEKEN Bünyamin BİNGÖL Furkan Taha BADEMCI Devrim AKGÜN Sezgin KAÇAR	Sakarya University Sakarya University of Applied Sciences	Analysis Of Pedestrian And Vehicle Traffic With Artificial Intelligence
Gamze SOYTURK Onder KIZILKAN	Isparta University of Applied Sciences	Study On Helium Brayton Cycle For Waste Heat Recovery In A Cement Plant
Gamze SOYTURK Onder KIZILKAN	Isparta University of Applied Sciences	Closed Brayton Cycle Applications Using Solar Dish Collector: A Comparative Evaluation For Air, Helium And Nitrogen
Emine KOÇ SÖGÜTCÜ	Sivas Cumhuriyet University	On Prime Ideals And Multiplicative Generalization Derivations In Ideals
Emine KOÇ SÖGÜTCÜ	Sivas Cumhuriyet University	Multiplicative Generalization Derivations In Prime Ideals



**16.03.2024**  
**SATURDAY / 11:00-12:30**

**SESSION-2 HALL -5**  
**MODERATOR: Dr. Zehra Nur KULUÖZTÜRK**

Algeria/Azerbaijan/Congo/India/Indonesia/Iran/Malaysia/Morocco/Nigeria/Pakistan/Tunisia /Ukraine

<b>AUTHORS</b>	<b>AFFILIATION</b>	<b>TOPIC TITLE</b>
Yasin ŞENTÜRK	Kırıkkale University	Human Activities In Imam Mâtürîdî's Thought System
Dr. Zehra Nur KULUÖZTÜRK	Bitlis Eren University	Investigation Of Simulation Parameters Affecting The Calculation Of Full Energy Peak Efficiency With The Fluka Code
Major Gheorghe GIURGIU Prof. dr. Manole COJOCARU	Deniplant-Aide Sante Medical Center, Titu Maiorescu University, Romania	Natural Modulation Of The Microbiota In Patients With Atopic Dermatitis
Durga Devi SUPPIAH Wan Mohd Ashri Wan DAUD Mohd Rafie JOHAN	Universiti Malaya, Malaysian	Synergistic effect of Incorporation method on Fe-Co based Catalyst for CO <sub>2</sub> Valorization
P. H. NAJAFGULIYEVA	II Department of Surgical Diseases of AMU	Update On The Management Of Upper Gastroduodenal Bleeding In The Postkovid Period
Shalala ISMAYILOVA Galina BAKHSHALIYEVA Amina MAMMADOVA	Azerbaijan Medical University	Relationship Between Fibroblast Growth Factor-23 And Vascular Calcification In Hemodialysis Patients
Narmin EYVAZOVA Nurlan ALIYZADE Galina BAKHSHALIYEVA Shalala ISMAYILOVA	Azerbaijan Medical University	Multifactorial Pathogenesis Of Calciphylaxis



**16.03.2024**  
**SATURDAY / 11:30-13:00**

**SESSION-3 HALL -6**  
**MODERATOR: Assoc. Prof., Dr. S. RADHIKA**

Algeria/Azerbaijan/Congo/India/Indonesia/Iran/Malaysia/Morocco/Nigeria/Pakistan/Tunisia /Ukraine

<b>AUTHORS</b>	<b>AFFILIATION</b>	<b>TOPIC TITLE</b>
Navila Bunga SAFIRA Olga VALENTINA Lailah Nur AZIZAH Eva Zulmi MEILAWATI Muhammad Sultan MUBAROK	State Islamic University K.H Abdurrahman Wahid Pekalongan Indonesia	Meaning, Objectives And Functions Of Monetary Policy
Nouha HAUDI Mohammed KARA, Jamila BAHOU, Lahcen HSSAINI, Razouk RACHID	Sidi Mohamed Ben Abdellah University, Morocco	Evaluation of Fruit Growth on a Biferous Fig tree: Monitoring of Morphometric Parameters
Joy CHATTERJEE, Associate Professor, Rajiv Kumar DWIVEDI, Dr. Anil VASHISHT	Amity University	A Study On Factors Affecting Consumers' Choices Of Over The-Counter Medications
Shahid ADEE, Kinza ZAINAB, Fazal- UR-REHMAN, Muhammad AZEEM, Umaira BILAL	Government College University Faisalabad	Tallow Laurel ( <i>Litsea Glutinosa</i> ) As Noval Bio-Material For Eco-Friendly Coloration Of Cotton
Ashika K., Assist. Prof., Dr. R. SUBHASHINI, Assoc. Prof., Dr. S. RADHIKA	RMK Engineering College, India	Water Purification By Gold Nanoparticles
M . Banu SHREE, Assist. Prof., Dr. R. SUBHASHINI, Assoc. Prof., Dr. S. RADHIKA	RMK Engineering College, India	Hydroponic Plant Growth System - Analysis
Mohd Rashid Yusof HAMID Boon Hoong ONG	Universiti Malaya, Malaysia	Influence Of Precursor Selection On Surface Wettability Tuning In ZNO Thin Films
Inna KOVAL, Ragif RAKHMANOV, Olena LYKHOLAT, Tetyana LYKHOLAT, Maksim KVITKO, Yuriy LYKHOLAT	University of Customs and Finance, Oles Honchar Dnipro National University, Kryvyi Rih State Pedagogical University, Ukraine	Comparative Characteristic Of Introduced Representatives Of The Genus <i>Rosa L.</i> In The Ukrainian Steppe Zone





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SATURDAY / 11:30-13:00

SESSION-3 HALL-7  
MODERATOR: R. THIRUCHELVI

Algeria/Azerbaijan/Congo/India/Indonesia/Iran/Malaysia/Morocco/Nigeria/Pakistan/Tunisia /Ukraine

AUTHORS	AFFILIATION	TOPIC TITLE
OKUNADE, Racheal Funke, OLAOYE, Gbadebo OLAKOJO, Samuel Adelowo	Agriculture, University Nigeria	Performance Of Soybean Under Different Phosphorus Concentration And Soybean Population In South Western Nigeria
Ali FARAJZADEH Mahtab DELFANI	Razi University, Iran	The Iterative Approximating Of Multivalued Nonexpansive Mappings In Metric Spaces
Maria Taj MUHAMMAD Nasir Uddin KHAN	University of Karachi, Pakistan	Clean And Green Environment By Using Natural Surfactants With Better Surfactant Properties Than Synthetic Ones
Aicha SOUID Mehrez GAMMOUDI Safa MELKI M'hamed EL CAFSI	University of Tunis of Manar, Tunisia	Insights into Gastrotrichs fauna from Bizerte, Tunisia coastlines
R. THIRUCHELVI	Vels Institute, B. Tech Biotechnology, India	Bifunctional Cancer Cell-Based Vaccine Concomitantly Drives Direct Tumor Killing And Antitumor Immunity
Siwar HACHANA Boutheina Ben ABDALLAH M'hamed EL CAFSI	University of Tunis of Manar, Tunisia	Study Of Oxidative Stress Biomarkers Caused By Fungicide: Myclobutanil On Nile Tilapia ( <i>Oreochromis Niloticus</i> ) Gills
Remya Babu R. Shiburaj SUGATHAN	University of Kerala, India	Studies On Antimicrobial And Anti-Biofilm Potential Of Selected Medicinal Plants Against <i>Proteus mirabilis</i>
Missoum RADJAI	University of Medea, Algeria	First-Principles Calculations To Investigate Structural, Elastic, Optical And Electronic Properties Of $\text{NaCaBr}_3$ Compound Using DFT Framework



**16.03.2024**  
**SATURDAY / 11:30-13:00**

**SESSION-3 HALL-8**  
**MODERATOR: Dr. Ahmad Farhad TALEBI**

Algeria/Azerbaijan/Congo/India/Indonesia/Iran/Malaysia/Morocco/Nigeria/Pakistan/Tunisia /Ukraine

<b>AUTHORS</b>	<b>AFFILIATION</b>	<b>TOPIC TITLE</b>
Elhadj RAOUACHE, Amel BENFRADJ, Abdelhamid MKAHAL, Fares KHALFALLAH	University Djelfa, University of bordj bou areridj, University of M'sila, Algeria	Numerical Simulation of Rotary Friction Welding of Similar Materials
Asma FAIZ, Fawad ALI Wali Khan MASHWANI	Kohat University, Pakistan	Power Graphs Of Gyrogroups Determined By Their Generalized Spectra
S. S. OMOPARIOLA E. O. OLUSONA	The Federal Polytechnic, Ilaro Nigeria	Comparative Study Of Properties Of Concrete Made With Pit Sand And Granite Dust
Kasra ZAREI Dr. Ahmad Farhad TALEBI	Semnan University, Iran	Performance Assessment Of Solar PV-Driven Hybrid RO Desalination System: The Future Of Energy Efficient Desalination
Ehsan RASOULINEZHAD	University of Tehran, Iran	Emission Taxation And Sustainability In The Selected CIS Countries
Ali FARAJZADEH	Razi university, Iran	On Quasi-Equilibrium Problem And Its Application
Ananda aprilia Aulia SYAHNA, Laelatul FAUZIAH	State Islamic University K.H Abdurrahman Wahid Pekalongan, Indonesia	Behavior Student To Feminism Woman Disability In A Hadith Perspective At Un Kh Abdurrahman Wahid Pekalongan
Sabrina Rosa DEWI Fariska Amalia PUTRI Muhammad Sultan MUBAROK	State Islamic University K.H Abdurrahman Wahid Pekalongan, Indonesia	Management Ethics And Economic Ethics (Monopoly & Oligopoly)
Don-De Dieu Pacifique BAKALA Armel MBON	Université Marien NGOUABI, Congo	The Concepts of 'Fire and Fury' in Mary Shelley's Frankenstein