



# INTERNATIONAL RESEARCH & DEVELOPMENT STUDIES AND INNOVATION CONGRESS - II

April 17-18, 2025 / Tunceli-TÜRKİYE  
(Munzur Universtiy)

## CONGRESS PROGRAM



Meeting ID: 897 0755 8402

Passcode: 171819

Join Zoom Meeting:

<https://us02web.zoom.us/j/89707558402?pwd=8GzNbjLWb9Z9dZ4hbOzKYJnd7pc8mb.1>

### PARTICIPANT COUNTRIES (8):

Türkiye, Algeria, Brazil, India, Morocco, Nigeria, Pakistan, Portugal

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

- ❖ Kongremizde Yazım Kurallarına uygun gönderilmiş ve bilim kurulundan geçen bildiriler için online (video konferans sistemi üzerinden) sunum imkanı sağlanmıştır.
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- ❖ Her oturumdaki sunucular, sunum saatinden 15 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.
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- ◆ **Katılım belgeleri kongre sonunda tarafınıza pdf olarak gönderilecektir**
- ◆ Kongre programında yer ve saat değişikliği gibi talepler dikkate alınmayacaktır

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### **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 15 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.
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# **Opening Ceremony**

## **17.04.2025 / 09:30-10:15**

Munzur University  
Aktuluk Mahallesi, Merkez, Üniversite Yerleşkesi, 62000 Tunceli  
Merkez/Tunceli

Assoc. Prof. Dr. Mustafa Göktuğ KAYA - Chief Tax Inspector of the Ministry of  
Treasury and Finance

Prof. Dr. Banu KUTLU - Munzur University, Faculty of Fisheries

Prof. Dr. Muzafer AŞKIN - Munzur University

Dr. Mustafa Latif EMEK - President of IKSAD

Prof. Dr. Kenan PEKER - Rector of Munzur University

# Face to Face PRESENTATIONS

## Session-1 / Hall-4

**Address:** Munzur University

Aktuluk Mahallesi, Merkez, Üniversite Yerleşkesi, 62000 Tunceli

Merkez/Tunceli

**17.04.2025 / 10:30-12:30 (Ankara Local Time)**

**HEAD OF SESSION: Mehmet Can DAL**

AUTHOR(S)	AFFILIATION	TITLE
Mehmet KARA	Kocaeli Health and Technology University	SECURITY GAP BETWEEN OWASP TOP 10 AND MICROSOFT SECURE SOFTWARE DEVELOPMEN LIFECYCLE
Alaattin BAŞI Remziye Gamze BAŞI Mahsum ÖZTÜRK Meryem İLHAN Zeynep NOM	----	INVESTIGATING THE EFFECTS OF BLOCK-BASED ROBOTICS AND CODING ACTIVITIES ON MIDDLE SCHOOL STUDENTS' ATTITUDES TOWARDS CODING
Koray GÜNDÜZ	Bingöl University	ARTIFICIAL INTELLIGENCE-SUPPORTED COLLABORATION MODELS IN DIGITAL TRANSFORMATION: THE FUTURE OF GENERATIVE ARTIFICIAL INTELLIGENCE AND HUMAN-MACHINE INTERACTION
Ömer İlker ERDAL Arif GÜLTEN	Fırat University	PI CONTROL OF BLADE PITCH ANGLE IN WIND TURBINES UNDER VARIABLE WIND SPEEDS
İbrahim Hakan ERSOY Muhammed Emin KULA Burak DURAN Ferit ÇAKIR Volkan ACAR	Atatürk University Gebze Technical University	EXPERIMENTAL VIBRATION ANALYSIS OF BEESWAX/GLASS FIBER REINFORCED INTERPLY COMPOSITES
Mehmet Can DAL	Diyarbakır Provincial Directorate of National Education	DEFENSE RAW MATERIALS ACADEMIC THESIS PROGRAM FOR CONTRIBUTION TO THE RAW MATERIAL NEEDS IN DEFENSE INDUSTRY AND QUALIFIED HUMAN RESOURCES NEEDS IN THIS FIELD
Ebru UĞUR	Dokuz Eylül University	OPINIONS OF PRIMARY SCHOOL FOURTH GRADE TEACHERS ON THE REALIZATION LEVEL OF TURKISH LESSON WRITING ACTIVITIES

# Face to Face PRESENTATIONS

## Session-1 / Hall-5

**Address:** Munzur University

Aktuluk Mahallesi, Merkez, Üniversite Yerleşkesi, 62000 Tunceli

Merkez/Tunceli

**17.04.2025 / 10:30-12:30 (Ankara Local Time)**

**HEAD OF SESSION: Ferhat DAŞBİLEK**

AUTHOR(S)	AFFILIATION	TITLE
Mehmet Emin ATAY Ferhat DAŞBİLEK	Ağrı İbrahim Çeçen University Munzur University	INNOVATIVE APPROACHES IN HEALTHCARE: THE ROLE AND IMPACT OF DIGITALIZATION IN NURSING FUNDAMENTALS
Güler SEZGİN	Muğla Sıtkı Koçman University	EXAMINING THE FINANCIAL PERFORMANCE OF A PRIVATE HEALTH CARE ORGANIZATION USING TREND ANALYSIS METHOD
Özlem ERTEKİN	Munzur University	A NEW PRODUCT: SAUSAGE PRODUCED USING QUINOA
Azize Serap TUNÇER	Çankırı Karatekin University	THE IMPORTANCE OF SOCIAL INNOVATION FOR THE FIELD OF SOCIAL WORKS
Faik GÖKALP	Kırıkkale University	A STUDY ON THE EFFECTS OF SOME ACTIVE INGREDIENTS IN ALASKAN BLUEBERRIES ON THE 5P21 ONCOGENE RECEPTOR
Ceren ÜNLÜKAL	Munzur University	SHARED FACTORY CONCEPT: EFFICIENT AND FLEXIBLE PRODUCTION MODEL

## Face to Face PRESENTATIONS

### Session-2 / Hall-4

**Address:** Munzur University

Aktuluk Mahallesi, Merkez, Üniversite Yerleşkesi, 62000 Tunceli  
Merkez/Tunceli

**17.04.2025 / 14:30-16:30 (Ankara Local Time)**

**HEAD OF SESSION: Mehmet Saltuk ARIKAN**

AUTHOR(S)	AFFILIATION	TITLE
Nimetullah UĞURTAY İslam GÖKALP	Batman University	TEMPORAL, SPATIAL AND OCCURANCE TYPE ANALYSIS OF TRAFFIC ACCIDENTS: THE CASE OF BATMAN CITY
Özlem ÖZKAN ÖNÜR Ethem İLHAN ŞAHİN	University of İstanbul Nişantaşı University of Adana Alparslan Türkeş Science and Technology	USE OF SUGAR BEET WASTE AS A CONCRETE ADMIXTURE: A SUSTAINABILITY APPROACH IN CONCRETE TECHNOLOGY
Halim YENTÜR	Anadolu University	TRADITIONAL PAINTING TO INTERACTIVE EXPERIENCE: HYBRID PROCEDURAL ANIMATION OF OIL PAINTINGS USING HOUDINI
Kübra ÖNER	Fırat University	DIGITALIZATION AND INNOVATION IN THE AGRICULTURAL SECTOR
Ahmet Feyyaz ERÖZ Mehmet Saltuk ARIKAN	Fırat University	DIGITAL TRANSFORMATION IN BROILER BREEDING: FIELD EXPERIENCE AND PERFORMANCE OF ARTIFICIAL INTELLIGENCE- BASED SYSTEMS

# Face to Face PRESENTATIONS

## Session-2 / Hall-5

**Address:** Munzur University

Aktuluk Mahallesi, Merkez, Üniversite Yerleşkesi, 62000 Tunceli  
Merkez/Tunceli

**17.04.2025 / 14:30-16:30 (Ankara Local Time)**

**HEAD OF SESSION: Mustafa Göktuğ KAYA**

AUTHOR(S)	AFFILIATION	TITLE
Furkan DOĞAN	Fırat University	EFFECTS OF R&D INVESTMENTS IN OUR COUNTRY ON THE ECONOMY
İlkay SALTİK GÜR	Munzur University	THE REBIRTH OF SCHUMPETER'S THEORY OF CREATIVE DESTRUCTION WITH INNOVATIVE ENTREPRENEURSHIP AND DIGITAL TRANSFORMATION
Murat BAYRAKTAR	İstanbul Esenyurt University	THE ROLE OF SOCIAL CAPITAL ON R&D AND INNOVATION
Oğuz Emre BALKAR	Erzincan Binali Yıldırım University	THE IMPACT OF INFLATION, ECONOMIC GROWTH, SUSTAINABILITY AND TRADE ON ENVIRONMENTAL TECHNOLOGY INNOVATIONS IN BSEC COUNTRIES
Tuba UMAR	İstanbul University	THE EFFECT OF R&D EXPENDITURES ON ECONOMIC GROWTH: A THEORETICAL APPROACH
Ceren PEHLİVAN Ömer ÇAKMAK	Munzur University	THE EFFECT OF PATENT, UTILITY MODEL, TRADEMARK AND DESIGN REGISTRATIONS ON ECONOMIC GROWTH IN TÜRKİYE
Çetin YELGİN	Erzincan Binali Yıldırım University	INNOVATION AND ARTIFICIAL INTELLIGENCE IN AVIATION: AN EVALUATION FROM A SUSTAINABILITY PERSPECTIVE
Mustafa Göktuğ KAYA Orhan Kemal KAPLAN Perihan Hazel KAYA	İKSAD Zonguldak Bülent Ecevit University Selçuk University	THE IMPACT OF ELECTRICITY CONSUMPTION ON ECONOMIC GROWTH: THE CASE OF TÜRKİYE

# ONLINE PRESENTATIONS

<b>Session-1 / Hall-6</b> <b>18.04.2025 / 10:00-12:00 (Ankara Local Time)</b> <b>HEAD OF SESSION: Anshit Mukherjee</b> Zoom Meeting ID: / Zoom Passcode: 897 0755 8402 / 171819		
AUTHOR(S)	AFFILIATION	TITLE
Ikram Saliha BENYAHIA Wefa BOUGHRARA Amina LAKMECHE Fatma BELHOUCINE Amel ALIOUA BERREBBAH	University of science and technology of Oran Mohamed Boudiaf	EXPLORING TAXANE-INDUCED TOXICITY IN BRONCHIAL CANCER: RISKS AND INFLUENCING FACTORS
Taskeen Fatima Mahna Fatima Areeba Arif Mehran Majeed Raheela Muqadus	Hajvery University	CORRELATION STUDY ON ETIOLOGICAL FACTORS OF HEART DISEASE IN DIABETIC PATIENTS IN LAHORE, PAKISTAN
Taskeen Fatima Mehran Majeed Mahna Fatima Areeba Arif Raheela Muqadus	Hajvery University	FORMULATION AND EVALUATION OF OTF OF CETIRIZINE FOR RAPID SYSTEMIC ACTION
Anshit Mukherjee Sohini Banerjee Sudeshna Das	Maulana Abul Kalam Azad University of Technology	TEMPORAL DYNAMICS IN PERSONALIZED MULTI-MORBIDITY MANAGEMENT: A NOVEL REWARD SHAPING FRAMEWORK FOR OPTIMIZED HEALTHCARE STRATEGIES
Anshit Mukherjee Avishek Gupta Goutam Kumar Das	Abacus Institute of Engineering and Management	DYNAMIC MULTI-MODAL DATA HARMONIZATION ALGORITHM FOR FEDERATED LEARNING IN EARLY DIAGNOSIS OF HUNTINGTON'S DISEASE: BALANCING DATA HETEROGENEITY AND PRIVACY PRESERVATION
Ahmed Osmane Khadija Zidan Moustapha Belmouden	Agadir University Ibn Zohr University Cadi Ayyad Cadi Ayyad University	HEALTH AND DISEASE IMPLICATIONS OF PEARL MILLET IRRIGATED WITH TRICKLING FILTER- TREATED WASTEWATER IN SEMI-ARID NORTH AFRICA
Saloni Sharma Suhani Sharma	Deemed to be University	PLASTIC-EATING BACTERIA: A SUSTAINABLE SOLUTION TO POLLUTION



# ONLINE PRESENTATIONS

<b>Session-2 / Hall-6</b> <b>18.04.2025 / 12:30-14:30 (Ankara Local Time)</b> <b>HEAD OF SESSION: MESSIKH Ayoub</b> Zoom Meeting ID: / Zoom Passcode: 897 0755 8402 / 171819		
AUTHOR(S)	AFFILIATION	TITLE
Soukaina El Bourachdi Abdelhay El Amri Ali Raza Ayub Yassine Rakchod Fatima Moussaouia Amal Lahkimia	Sidi Mohamed Ben Abdellah University Ibn Tofail University	GREEN SYNTHESIS AND SURFACE AREA ENHANCEMENT OF REDUCED GRAPHENE OXIDE (RGO): APPLICATIONS FOR RHODAMINE B DYE ADSORPTION AND MECHANISTIC INSIGHTS VIA DFT ANALYSIS
Moses Adeolu AGOI Olayemi Grace ABIMBOLA Oluwanifemi Opeyemi AGOI	Lagos State University of Education Obafemi Awolowo University	CYBER THREATS VERSUS DATA SECURITY: THE EFFICACY OF INTRUSION, DETECTION AND PREVENTION SYSTEMS
BENKHAOUA Rayene MESSIKH Ayoub	20 August 1956 SKIKDA University	THE IMPACT OF ARTIFICIAL INTELLIGENCE APPLICATIONS ON THE SUCCESS OF STARTUPS – A CASE STUDY OF UIPATH
Himanshu Barthwal Himani Sivaraman Jogendra Kumar	Jigyasa Univesity,Dehradun	ENERGY-BASED PERFORMANCE ANALYSIS OF REACTIVE ROUTING PROTOCOL IN WIRELESS NETWORKS
Maria Emilia Camargo Aprigio Teles Mascarenhas Neto Walter Priesnitz Filho Rosecler Maschio Gilioli Marta Elisete Ventura da Motta	Veni Creator Cristian University	THE INFLUENCE OF KNOWLEDGE CREATION ON ORGANIZATIONAL PERFORMANCE: THE MEDIATING ROLE OF GREEN INNOVATION