

BILTEK-X

10. INTERNATIONAL SYMPOSIUM ON CURRENT DEVELOPMENTS IN SCIENCE, TECHNOLOGY AND SOCIAL SCIENCES

28-29 January 2025 / Istanbul- TÜRKİYE



CONFERENCE PROGRAM



Meeting ID: 833 1287 1999
Passcode: 282828

Participant Countries: (14)

Türkiye, (22)

**Azerbaijan, Algeria, India, Georgia, Morocco, Russia, China, Albania, Pakistan, USA, Iran,
Nigeria, Ethiopia (26)**

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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- Moderatör – oturumdaki sunum ve bilimsel tartışma (soru-cevap) kısmından sorumludur.

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- Bilgisayarınızda mikrofon olduğuna ve çalıştığına emin olun.
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- Katılım belgeleri kongre sonunda tarafınıza pdf olarak gönderilecektir.
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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.
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Before you login to Zoom please indicate your hall number, name and surname

exp. H-5, Merve KIDIRYUZ

ONLINE PRESENTATIONS

28.01.2025 / Hall-1, Session-1



ANKARA LOCAL TIME

10⁰⁰ : 12⁰⁰



ZOOM ID: 833 1287 1999

ZOOM PASSCODE: 282828

HEAD OF SESSION: Prof. Dr. A. Beril TUĞRUL

AUTHORS	AFFILIATION	TOPIC TITLE
Dr. Samad MOGHANIRAHIMI Prof. Dr. Hüseyin TOPAL	Gazi University (Türkiye)	EXPERIMENTAL THERMO-CATALYTIC PYROLYSIS OF ŞIRNAK AND HAKKÂRİ ASPHALTITES IN FIXED-BATCH AND FLUIDIZED-CONTINUOUS FEED REACTORS
Dr. Samad MOGHANIRAHIMI Prof. Dr. Hüseyin TOPAL	Gazi University (Türkiye)	THERMO-CATALYTIC PYROLYSIS OF ŞIRNAK ASPHALTITE IN BATCH AND FIXED-BED REACTORS
Sevgi ALTUN POLAT Prof. Dr. Şenol İBANOĞLU	Gaziantep University (Türkiye)	ISOLATION OR EXTRACTION OF PEA PROTEIN ISOLATE BY DIFFERENT METHODS
Miyade MAHFUS Assist. Prof. Dr. Hanife GÖKER Assoc. Prof. Dr. Mustafa TOSUN	Kütahya Dumlupınar University (Türkiye) Gazi University (Türkiye) Kütahya Dumlupınar University (Türkiye)	PERFORMANCE COMPARISON OF IMAGE FILTERING METHODS FOR CLASSIFICATION OF KNEE OSTEOARTHRITIS SEVERITY
Mehmet KAVAK Assist. Prof. Dr. Hanife GÖKER Assoc. Prof. Dr. Mustafa TOSUN	Kütahya Dumlupınar University (Türkiye) Gazi University (Türkiye) Kütahya Dumlupınar University (Türkiye)	DETECTION OF MAJOR DEPRESSION DISORDER USING WELCH SPECTRAL ANALYSIS AND MACHINE LEARNING METHODS
Gökçe BAŞEKEN Buse ŞÜMER Deniz ÖZ Selim CABA Behçet MUTLU Hakan KANAR Dr. Selami BAĞRIYANIK	Wingie Enuygun Group (Türkiye) Wingie Enuygun Group (Türkiye) Wingie Enuygun Group (Türkiye) Wingie Enuygun Group (Türkiye) Wingie Enuygun Group (Türkiye) Wingie Enuygun Group (Türkiye) Bahcesehir University (Türkiye)	PERFORMANCE EVALUATION IN AGILE SOFTWARE DEVELOPMENT TEAMS
Ahmet YILMAZ Erhan TÜRKSEL	Sakarya University (Türkiye) İstanbul Aydın University (Türkiye)	360 DEGREE DEALER AND BUSINESS PROCESS MANAGEMENT APPLICATION
Prof. Dr. A. Beril TUĞRUL	Istanbul Technical University (Türkiye)	IMPORTANCE OF SUSTAINABILITY FOR ENERGY POLICIES AND ENERGY ECONOMY

All participants must join the conference 10 minutes before the session time.
Every presentation should last not longer than 10-12 minutes.
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ONLINE PRESENTATIONS

28.01.2025 / Hall-2, Session-1



ANKARA LOCAL TIME

10⁰⁰ : 12⁰⁰



ZOOM ID: 833 1287 1999

ZOOM PASSCODE: 282828

HEAD OF SESSION: Assoc. Prof. Dr. Bahar SARIBOĞA AKCA

AUTHORS	AFFILIATION	TOPIC TITLE
Şeyma Sevde YILDIZ Assist. Prof. Dr. Ensar YILDIZ	Ministry of Education (Türkiye) Sivas Cumhuriyet University (Türkiye)	TEACHING THE CONCEPTS OF DEEP-SHALLOW, RIGHT-LEFT, AND BRIGHT-DULL TO PRESCHOOL CHILDREN
Assist. Prof. Dr. Yücel KAYABAŞI Ceyda AKBAŞ	Gazi University (Türkiye)	TEACHER AND STUDENT OPINIONS ON THE ACQUISITION OF THE FOUR BASIC LANGUAGE SKILLS IN TURKISH LANGUAGE LESSONS FOR FOREIGNERS IN FORMAL AND NON-FORMAL EDUCATION INSTITUTIONS UNDER THE MINISTRY OF NATIONAL EDUCATION
Assoc. Prof. Dr. Mustafa PAMUK	Selçuk University (Türkiye)	INVESTIGATION OF THE MEDIATOR ROLE OF PSYCHOLOGICAL ADJUSTMENT PROBLEMS IN THE RELATIONSHIP BETWEEN INTERNET ADDICTION AND MENTAL WELL-BEING IN THE GENERAL POPULATION
Assoc. Prof. Dr. Alper SAĞLIK Sinem Kardelen UĞUR Emirhan AKSU	Çanakkale Onsekiz Mart University (Türkiye)	LANDSCAPES IN VIDEO GAMES: AN EXAMINATION OF VALORANT AS A CASE STUDY
Assist. Prof. Dr. Burcu Ayşenur SAKLI	Recep Tayyip Erdogan University (Türkiye)	THE RELATIONSHIP BETWEEN GASTRONOMY AND ART: GASTRONOMIC ART EXPERIENCES IN RESTAURANTS
Assoc. Prof. Dr. Bahar SARIBOĞA AKCA	Ordu University (Türkiye)	A FEMALE COMPOSER WHO LIVED IN ISTANBUL DURING THE MEDIEVAL PERIOD: BYZANTINE KASSIA
Res. Assist. Aslı YERLİKAYA Assoc. Prof. Dr. Yeliz PEKERŞEN	Alanya University (Türkiye) Necmettin Erbakan University (Türkiye)	AN INVESTIGATION OF THE LONELINESS AND EXCLUSION SITUATIONS OF FEMALE COOKS WORKING IN FOOD AND BEVERAGE BUSINESSES
Res. Assist. Aslı YERLİKAYA Assoc. Prof. Dr. Yeliz PEKERŞEN	Alanya University (Türkiye) Necmettin Erbakan University (Türkiye)	EXAMINING THE CYBER LEADERSHIP SITUATIONS OF PERSONNEL WORKING IN FOOD AND BEVERAGE BUSINESSES FROM A MANAGER'S PERSPECTIVE

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ONLINE PRESENTATIONS

28.01.2025 / Hall-3, Session-1



ANKARA LOCAL TIME

10⁰⁰ : 12⁰⁰



ZOOM ID: 833 1287 1999

ZOOM PASSCODE: 282828

HEAD OF SESSION: Dr. Selen Duygu ÇEÇEN

AUTHORS	AFFILIATION	TOPIC TITLE
Res. Assist. Dr. Şeyma KİPEL Assoc. Prof. Dr. Ayça BİLGİNOĞLU Assist. Prof. Dr. Hilal NAKKAŞ	Ankara Yıldırım Beyazıt University (Türkiye)	EXAMINATION OF THE EFFECTS OF PIOGLITAZONE ON METABOLIC SYNDROME IN HEART TISSUE WITH DIFFERENT HISTOLOGICAL DYES
Assoc. Prof. Dr. Sevgi KARABULUT UZUNÇAKMAK	Bayburt University (Türkiye)	NEUROGENESIS MOLECULES IN DEPRESSION
Mirlan SADIRBEKOV	Novosibirsk State Medical Institute (Russia)	STRATEGIES FOR ORAL CANCER PREVENTION IN ADULTS AND CHILDREN
Eris NEPRAVISHTA Ervin NEPRAVISHTA Ervin TOÇI	Aleksandër Moisiu University (Albania) Trauma University Hospital (Albania) University of Medicine (Albania)	SURGICAL GLOVE CHANGE FREQUENCY AND SURGICAL HAND PREPARATION AS SURGICAL SITE INFECTION PREVENTIVE MEASURES: OUR PRACTICE VS CURRENT GUIDELINES
Saloni SHARMA Suhani SHARMA	Deemed to be University (India) Jamia Hamdard University (India)	ADVANCING PRECISION MEDICINE: INNOVATIONS IN PERSONALIZED HEALTHCARE AND GENOMIC APPLICATIONS
Dr. Selen Duygu ÇEÇEN	Istanbul University- Cerrahpaşa (Türkiye)	DEVELOPMENT AND VALIDATION OF A RP-HPLC METHOD FOR QUANTIFICATION OF NIRMATRELVIR IN PHARMACEUTICAL FORMS
Food Eng. Cengizhan TOLU Lect. Dr. Tolga Kağan TEPE Assoc.Prof. Dr. Nizam Mustafa NİZAMLIOĞLU	Karamanoğlu Mehmetbey University (Türkiye) Giresun University (Türkiye) Karamanoğlu Mehmetbey University (Türkiye)	A NON-THERMAL ALTERNATIVE TO TRADITIONAL FOOD PROCESSING METHODS: HIGH HYDROSTATIC PRESSURE TECHNOLOGY
Dr. Zerrin BARUT	Antalya Science University (Türkiye)	DETERMINATION OF VISFATIN LEVELS IN SALIVA OF PATIENTS WITH GINGIVITIS

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ONLINE PRESENTATIONS

28.01.2025 / Hall-4, Session-1



ANKARA LOCAL TIME



ZOOM ID: 833 1287 1999



10⁰⁰ : 12⁰⁰



ZOOM PASSCODE: 282828

HEAD OF SESSION: Assoc. Prof. Dr. Shamo TAPDIQOV

AUTHORS	AFFILIATION	TOPIC TITLE
Assoc. Prof. Dr. Shamo TAPDIQOV Dilgam TAGHIYEV	SOCAR Oilgasresearchproject Institute (Azerbaijan) Azerbaijan Republic Ministry Science and Education (Azerbaijan)	SORPTION ISOTHERMS FOR TRYPSIN BY pH- SENSITIVE POLY(N-VINYLPYRROLIDONE- CO-4-VINYLPYRIDINE) AND ITS MAGNETITE-BASED HYDROGEL
Amal BASSAM Rajaa BASSAM Younes RACHDI Marouane EL ALOUANI Mohammed HFID Hamid SAUFI Said BELAAOUAD	Hassan II University (Morocco) Mohammed V University of Rabat (Morocco)	TREATMENT EFFICIENCY OF DYE CONTAMINATED WATER USING TWO TYPES OF GEOPOLYMERS POWDER AND BEADS BASED ON RED CLAY WASTE: A COMPARATIVE STUDY OF STRUCTURAL, MICROSTRUCTURAL AND ADSORPTIVE PROPERTIES
Said ESSENNI Lahoucine BAHISIS Samir EL HANKARI Mahfoud AGUNAOU	Chouaib Doukkali University (Morocco) Cadi Ayyad University (Morocco) Mohammed VI Polytechnic University (Morocco)	TEMPLATES EFFECT ON MORPHOLOGY AND PHOTOCATALYTIC PROPERTIES OF ZnO NANOSTRUCTURES USING PRECIPITATION METHOD: A DFT PERSPECTIVE
Syeda Sabika ZAHRA NAQVI Syed Mohsan RAZA SHAH	University of Education (Pakistan)	MORPHO-ANATOMICAL MODIFICATION IN WITHANIA SOMNIFERA (L.) DUNAL FROM PUNJAB, PAKISTAN: INSIGHT INTO ADAPTATION
Muhammad AMJAD Dr. Syed Makhdoom HUSSAIN Dr. Nisar AHMAD Dr. Danish RIAZ Muhammad MAHMOOD	Government College University (Pakistan)	ENHANCING THE HEALTH PERFORMANCE OF TILAPIA (<i>Oreochromis niloticus</i>) VIA VALUE PRODUCTION FROM WASTE
Usman SANI KK Abdullahi Ahmad MUHAMMAD Musa Halimatu FAGO	Umaru Musa Yar'adua University (Nigeria)	EXTRACTION AND CHARACTERIZATION OF ORANGE PEEL ESSENTIAL OIL FOR FLAVOUR AND FRAGRANCE APPLICATION
Nesrine BENKHAIRA Naoufal EL HACHLAFI Saad Ibsouda KORAICHI Kawtar FIKRI-BENBRAHIM	Sidi Mohamed Ben Abdellah University (Morocco)	CHEMICAL COMPOSITION, ANTIMICROBIAL, AND ANTIOXIDANT ACTIVITIES OF CLINOPODIUM NEPETA ESSENTIAL OIL
Habip YAYLA Prof. Dr. Ahmet KILIÇKAN	Aydın Adnan Menderes University (Türkiye)	DETERMINATION OF THE PHYSICAL PROPERTIES AND THEIR BEHAVIOR IN WATER OF SOME FISH FOODS PRODUCED WITH EXTRUDER EXPANSION CONTROL SYSTEM (ECS) AT DIFFERENT PRESSURE LEVELS

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ONLINE PRESENTATIONS

28.01.2025 / Hall-5, Session-1

	ANKARA LOCAL TIME		ZOOM ID: 833 1287 1999
	10 ⁰⁰ : 12 ⁰⁰		ZOOM PASSCODE: 282828

HEAD OF SESSION: Guliyeva Rafiga Alimardan Gizi

AUTHORS	AFFILIATION	TOPIC TITLE
Guliyeva Rafiga Alimardan Gizi	Sumgayit State University (Azerbaijan)	THE FEELING OF DEFICIENCY AND ITS EFFECTS
Henos Ejigu WONDIMAGEGN Dawit Asrat GETAHUN Tiruwork Tamiru TOLLA	Bahir Dar University (Ethiopia)	EFFECT OF STUDENTS' PERCEIVED LINGUISTIC COMPETENCE ON 7th GRADE SCIENCE LEARNING OUTCOMES: ENGAGEMENT PROFILES AS MEDIATORS
Oluwaseun OYEWOLE Olawale O. OYEKANMI Olusoga Rasheed OTELAJA Ololade Gbeminiyi OGUNDIPE	Tai Solarin College of Education (Nigeria) Tai Solarin College of Education (Nigeria) Tai Solarin College of Education (Nigeria) Lagos State University of Education (Nigeria)	TEACHERS' EFFECTIVENESS, ACTIVE LEARNING STRATEGIES AND STUDENTS' STATISTICAL ABILITIES AS PREDICTORS OF STUDENTS' ACHIEVEMENT IN MATHEMATICAL CONCEPT IN ECONOMICS IN IBADAN NORTH LOCAL GOVERNMENT OF OYO STATE
Maryam HASSAN	Ahlul Bayt International University (Iran)	THE ROLE OF MOTHERS EDUCATION IN SELF CONFIDENCE OF GIRL CHILD IN INDIA
Samaira BATOOL Muhammad KAMRAN	International Islamic University (Pakistan) Shenzhen University (China)	NAVIGATING THE PARADOXES OF POLITICAL COMPETITION: INSTITUTIONAL MODERATION AND POVERTY DYNAMICS IN DEVELOPING ECONOMIES
Samaira BATOOL Muhammad KAMRAN	International Islamic University (Pakistan) Shenzhen University (China)	DECODING UNCERTAINTIES: THE INTERPLAY OF POLITICAL COMPETITION, INSTITUTIONAL FRAGILITY, AND POVERTY DYNAMICS IN DEVELOPING NATIONS THROUGH FUZZY LOGIC
Muhammad SULAIMAN Lawal AHMED Tanimu Bello RILWAN SULAIMAN Aisha Ibrahim	Federal University of Education (Nigeria) Federal Polytechnic Kaura Namoda (Nigeria) Federal College of Education (Nigeria)	ANALYSIS OF THE FACTORS INFLUENCING TECHNICAL EFFICIENCY IN INTEGRATED CROP-LIVESTOCK FARMING SYSTEM IN KADUNA STATE, NIGERIA

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ONLINE PRESENTATIONS

28.01.2025 / Hall-6, Session-1

	ANKARA LOCAL TIME		ZOOM ID: 833 1287 1999
	10 ⁰⁰ : 12 ⁰⁰		ZOOM PASSCODE: 282828

HEAD OF SESSION: Prof. Dr. Manana CHUMBURIDZE

AUTHORS	AFFILIATION	TOPIC TITLE
Dr. Rabeh SLIMANI Ismail DRAI Abdelkader BECHEIKH	University of Mustapha Stambouli- Mascara (Algeria)	INFLUENCE OF SEAWATER ON THE CORROSION OF ALUMINUM AL/XLPE 0,6/1KV WIRE
Dr. Rabeh SLIMANI Ismail DRAI Abdelkader BECHEIKH	University of Mustapha Stambouli- Mascara (Algeria)	EFFECTS OF WEAK MAGNETIC FIELD ON THE CORROSION OF ALUMINUM AL/XLPE 0,6/1KV WIRE
Becheikh ABDELKADER Dr. Rabeh SLIMANI	University of Mustapha Stambouli- Mascara (Algeria)	NUMERICAL MODELING OF THE MECHANICAL BEHAVIOR OF ORDINARY CONCRETE UNDER ELEVATED TEMPERATURES
Prof. Dr. Manana CHUMBURIDZE Assoc. Prof. Dr. Aza IPHSHIRADZE Anano KHETSURIANI	Akaki Tsereteli State University (Georgia)	ABOUT THE DIGITAL STRATEGY AND THEIR APPLICATIONS
Ayoub AITAKKA Ayoub GOUNNI Mustapha EL ALAMI	Hassan II University (Morocco)	SIMULATION OF TYPE III HYDROGEN STORAGE TANK: OPTIMIZING EFFICIENCY AND SAFETY UNDER VARYING FLOW RATES AND AMBIENT CONDITIONS
Abdelhamid AIT M'HID Guojian LI Mourad BOUGHRARA Mohamed KEROUAD Qiang WANG	Northeastern University (China)	EXPLORING TRANSITION METALS DOPED ZnO FILMS: AN IN-DEPTH ANALYSIS OF THEIR STRUCTURAL AND ELECTRONIC PROPERTIES THROUGH EXPERIMENTATION AND SIMULATION
L.H. Omari J. Louafi	Hassan II University (Morocco)	STRUCTURAL, MORPHOLOGICAL AND OPTICAL PROPERTIES OF THE LA2W2O9/FE2O3 COMPOSITE FOR UV- SHIELDING APPLICATIONS
Rabab ALLILI Jamal MABROUKI Miloudia SLAOUI	Mohammed V University of Rabat (Morocco)	AI AND DEEP LEARNING FOR CONTAMINANT DETECTION: SUITABLE METHODS, NEURAL NETWORKS, AND CNNs FOR TOXIN IDENTIFICATION
Younes YASSINE Miloud CHAKIT Mohamed BELKHAOUD El Mahjoub AOUANE	Ibn Tofail University (Morocco)	BURNOUT AMONG SECONDARY SCHOOL STUDENTS IN MOROCCO

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