



*Scientific Development and
Innovative Approach*

SAMSUN

2nd INTERNATIONAL SCIENTIFIC RESEARCH AND INNOVATION CONGRESS

September 23–24, 2026 · Samsun, Türkiye

CONGRESS PROGRAM

MEETING ID
828 5551 7985

PASSCODE
066844

ZOOM LINK
<https://us06web.zoom.us/j/82855517985?pwd=D3a448VabyePr0XdQNsjquPrva9WID.1>

PARTICIPANT COUNTRIES (12)

*Türkiye, Azerbaijan, Brazil, Georgia, India, Jordan, Moldova, Morocco, Nigeria,
Pakistan, Saudi Arabia, Serbia*

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ONLINE PRESENTATIONS

23.09.2026

ONLINE · Hall-1 · 23 September 2026 · Session-1 · 10:00 – 12:00

DATE
23 September 2026TIME
10:00 – 12:00SESSION
Session-1 · Hall-1Meeting ID: 828 5551 7985 | Passcode: 066844 | Link: <https://us06web.zoom.us/j/82855517985?pwd=D3a448VabyePr0XdQNsjuPrva9WID.1>

HEAD OF SESSION: Assoc. Prof. Dr. Yelderem AKHOUNDNEJAD

AUTHOR(S)	ORGANISATION	TOPIC TITLE
Res. Asst. Deniz ÇAKIR YILMAZ Assoc. Prof. Dr. Ercan TURAL	Ondokuz Mayıs University, Türkiye	THE RELATIONSHIP BETWEEN INTERNET ADDICTION, PHYSICAL ACTIVITY, AND MUSCLE STRENGTH IN UNIVERSITY STUDENTS
Amirhosein JABBARİ NİARİ Assoc. Prof. Dr. Ercan TURAL	Ondokuz Mayıs University, Türkiye	SYSTEMATIC REVIEW OF GRADUATE EDUCATION THESES IN THE FIELD OF CARDIOPULMONARY REHABILITATION: A META-ANALYSIS STUDY
Asst. Prof. Dr. Cihat Özgüncü	Selcuk University, Türkiye	ALGORITHMIC SEMANTIC AUDITING OF INFORMED CONSENT IN NEUROLOGICAL EMERGENCIES: A MULTI_DIMENSIONAL EVALUATION WITH LARGE LANGUAGE MODELS AND THE UNIVERSAL HEALTH COMMUNICATION INDEX
Asst. Prof. Dr. Tugba AGBEKTAS Gonca KABAK Assoc. Prof. Dr. Duygu YALINBAS YETER	Sivas Cumhuriyet University, Türkiye	STAGE-SPECIFIC CHANGES IN SOD1 AND CAT GENE EXPRESSION DURING DIABETIC RETINOPATHY PROGRESSION
Lec. Dr. Habibe ÖZÇELİK	Akdeniz University, Türkiye	BIOLOGICAL RISK FACTORS AND PREVENTION OF NEEDLESTICK AND SHARPS INJURIES AMONG NURSES
Assoc. Prof. Dr. Yelderem AKHOUNDNEJAD Assoc. Prof. Dr. Yahya NAS	Şırnak University, Türkiye	EFFECTS OF DIFFERENT LED LIGHT SPECTRA ON GROWTH, YIELD, AND PHYTOCHEMICAL QUALITY OF VEGETABLES
Assoc. Prof. Dr. Yelderem AKHOUNDNEJAD Assoc. Prof. Dr. Yahya NAS	Şırnak University, Türkiye	EFFECTS OF FOLIAR MICRONUTRIENT APPLICATIONS ON YIELD, QUALITY, AND NUTRITIONAL VALUE OF VEGETABLE CROPS
Osman ECEOĞLU, PhD	Akdeniz University, Türkiye	RETRY THRESHOLDS IN ROBOTIC STRAWBERRY HARVESTING: A PARAMETRIC ANALYSIS BASED ON CONDITIONAL SUCCESS AND TIME COST

ONLINE PRESENTATIONS

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HEAD OF SESSION: Prof. Dr. Rasim BEHÇET

AUTHOR(S)	ORGANISATION	TOPIC TITLE
Assoc. Prof. Dr. Ahmet ATAK	Ostim Teknik University, Türkiye	ANALYTICAL DESIGN AND NUMERICAL VERIFICATION OF A HELICAL SPRING-BASED PASSIVE SATELLITE VIBRATION ISOLATOR UNDER LAUNCH VEHICLE ENVIROMENTAL CONDITIONS
Serkan IŞIK Sinan FİDAN Mustafa Özgür BORA Satılmış ÜRGÜN Mehmet İskender ÖZSOY	Kocaeli University, Türkiye; Sakarya University, Türkiye	EFFECT OF IMPINGEMENT ANGLE ON THE SOLID PARTICLE EROSION BEHAVIOR AND SURFACE DAMAGE OF AZ31 MAGNESIUM ALLOY USED IN AIR VEHICLES
Özkan YILMAZ Cemile Nur ÖZDEMİR Mustafa Özgür BORA Sinan FİDAN Satılmış ÜRGÜN Mehmet İskender ÖZSOY	Kocaeli University, Türkiye; Sakarya University, Türkiye	INVESTIGATION OF SOLID PARTICLE EROSION BEHAVIOR OF AA6061-T6 ALUMINUM ALLOY WITH DIFFERENT SURFACE TEXTURES USING FIBER LASER
Soukaina MELLOUK Assoc. Prof. Dr. Ebru HARMANDAR	Muğla Sıtkı Koçman University, Türkiye	DEVELOPING A GROUND-MOTION MODEL FOR THE AEGEAN REGION
Prof. Dr. Rasim BEHÇET	İnönü University, Türkiye	ENVIRONMENTAL IMPACTS OF THE FEBRUARY 6 EARTHQUAKES IN MALATYA PROVINCE
Prof. Dr. Rasim BEHÇET Gökhan ŞENEL	İnönü University, Türkiye	APPROXIMATE ENERGY AND EXERGY ANALYSIS OF THE BOR SUGAR FACTORY BOILER HOUSE UNDER CURRENT OPERATING CONDITIONSABSTRACT
Efe HANCI Mehmet Emre ÖZDEL Assist. Prof. Dr. Gürşah GÜRÜF	Karabük University, Türkiye	EXPERIMENTAL INVESTIGATION OF THE PASSIVE COOLING PERFORMANCE OF A HEAT SINK USING PARAFFIN–LAURIC ACID MIXTURES AS PHASE CHANGE MATERIAL
Assoc. Prof. Dr. Fatin SÖNMEZ Assist. Prof. Dr. Orhan YILDIRIM	Artvin Çoruh University, Türkiye; Atatürk University, Türkiye	MULTI-CRITERIA FLUID SELECTION AND THERMAL PERFORMANCE OPTIMISATION IN ELECTROSPREY COOLING SYSTEMS

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HEAD OF SESSION: Assoc. Prof. Dr. Hüseyin ÖZYİĞİT

AUTHOR(S)	ORGANISATION	TOPIC TITLE
Dr. Ahmet Safak MALTAS	Akdeniz University, Türkiye	EFFECTS OF VERMICOMPOST ON STRAWBERRY CULTIVATION
Dr. Ahmet Safak MALTAS	Akdeniz University, Türkiye	EFFECTS OF LEONARDITE APPLICATION ON LETTUCE GROWTH UNDER GREENHOUSE CONDITIONS
Res. Asst. İlay TİLKİ TOMAY	Muğla Sıtkı Koçman University, Türkiye	THE IMPACT OF TRANSITION INDICATORS TO CIRCULAR ECONOMY ON CARBON DIOXIDE EMISSIONS: PANEL DATA ANALYSIS FOR EU COUNTRIES
Assoc. Prof. Dr. Hüseyin ÖZYİĞİT	Erzincan Binali Yıldırım University, Türkiye	MACHINE LEARNING IN INDEPENDENT AUDITING: A STUDY ON KAP
Assoc. Prof. Dr. Hüseyin ÖZYİĞİT	Erzincan Binali Yıldırım University, Türkiye	FROM TRADITIONAL APPROACHES TO SMART PROCESSES: THE TRANSFORMATIVE ROLE OF AUTONOMOUS SYSTEMS IN COST ACCOUNTING AND MANAGEMENT
Zeynep KANADIKIRIK Mustafa GÜL	Kahramanmaraş Sütçü İmam University, Türkiye	AN EXAMINATION OF TEACHER VIEWS ON THE "CENTURY OF TÜRKİYE" EDUCATION MODEL (TYMM) 5TH-GRADE MATHEMATICS CURRICULUM
Senem AKÇADAĞ Prof. Dr. Güldane GÜNDÜZÖZ	Kırıkkale University, Türkiye	THE CELESTIAL SPHERE TO NŪR: THE TRANSFORMATION OF THE COSMIC REALM INTO A SUFİ MAP OF UNITY IN FEHÎM-İ KADÎM'S DÎVÂN
Assist. Prof. Dr. Filiz ASLAN Prof. Dr. Esra SİVEREKLİ	Mardin Artuklu University, Türkiye; Gaziantep University, Türkiye	DYNAMICS OF RETURN MIGRATION IN TURKEY AND ITS IMPACTS ON REGIONAL DEVELOPMENT

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HEAD OF SESSION: Moses Adeolu AGOI

AUTHOR(S)	ORGANISATION	TOPIC TITLE
Dr. Seyfaddin JAFAROV	Nakhchivan State University, Azerbaijan	DOPED INS;0.5%HO NANOSTRUCTURES; SYNTHESIS,PROPERTIES AND APPLICATIONS
Ph.D. Gulbaniz Aliyeva Tofig	Lankaran State University, Azerbaijan	PROBLEMS OF ENHANCING THE COMPETITIVENESS OF INDUSTRY
Dr Irfan Bashir Ms. Fareeha Sherazi Dr Afshan Naseem Dr Yasira Waqar Dr Abdul Malik Dr Fariha Gul Dr Almas Shoiab Dr Aisha Sami Dr Aqila Rafiq Dr Farhat Munir	University of Management and Technology, Pakistan	STRENGTHENING FACULTY PROFESSIONAL DEVELOPMENT IN PAKISTANI HIGHER EDUCATION INSTITUTIONS: EXAMINING THE ROLE OF LEADERSHIP
Ar. Dr. Omer Shujat Bhatti Ar. Dr. Zulfiqar Ali Tariq Prof. Dr. Muhammad Asad Ghufran Prof. Dr. Syed Hamid Arshad	University of Management and Technology, Pakistan; NESPAK, Lahore, Pakistan; International Islamic University Islamabad, Pakistan; Government of Punjab, Pakistan	THE SPATIAL DYNAMICS OF SOCIAL CAPITAL: A SYSTEMATIC LITERATURE REVIEW ON URBAN FORM, NEIGHBOURHOOD DESIGN, AND COMMUNITY COHESION
Ar. Dr. Omer Shujat Bhatti Ar. Faiqa Khan Ar. Saad Mujahid Prof. Dr. Muhammad Asad Ghufran	University of Management and Technology, Pakistan; Lahore Leads University, Pakistan; International Islamic University Islamabad, Pakistan	EXPLORING ARCHITECTURAL ORNAMENTATION OF MUGHAL ERA BUILDINGS OF LAHORE IN THE ERA OF CLIMATE CHANGE CHALLENGES
Moses Adeolu AGOI Olawale Adejumo OSUNLOYE Faith Oghenewveta ALUKO Oluwanifemi Opeyemi AGOI	Lagos State University of Education, Lagos Nigeria; Obafemi Awolowo University, Osun Nigeria	DIGITAL TRANSFORMATION OF INTEGRATED SCIENCE EDUCATION: FROM COMPUTATIONAL THINKING TO INTELLIGENT LEARNING SYSTEMS
PhD Roxana Mihaela Moisoiu	Constantin Stere University (USPEE) Moldova	GLOBAL LEGISLATION FOR THE USE OF ARTIFICIAL INTELLIGENCE: TOWARDS A UNIVERSAL LEGAL FRAMEWORK

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HEAD OF SESSION: Prof. Dr.Mohammed Waheeb

AUTHOR(S)	ORGANISATION	TOPIC TITLE
Marijana Zimonjic Aleksandra Čadjenović	Academy of Applied Studies Politehnika, Serbia; Megatrend university, Serbia	APPLICATION OF ARTIFICIAL INTELLIGENCE FOR SUSTAINABLE DEVELOPMENT IN THE DIGITAL ECONOMY
Aleksandra Čadjenović	Megatrend university, Serbia	APPLICATION OF CIRCULAR ECONOMY PRINCIPLES FOR SUSTAINABLE BUSINESS OPERATIONS AND ENTERPRISE DEVELOPMENT
PhD Roxana Mihaela Moisoiu	Constantin Stere University (USPEE) Moldova	THE LEGAL SYSTEM IN THE AGE OF ARTIFICIAL INTELLIGENCE
Prof. Dr.Mohammed Waheeb	The Hashemite University, Jordan	ARCHAEOLOGICAL EVIDENCE OF EARLY ISLAMIC CAMPAIGNS: THE BATTLE OF DUMAT AL- JANDAL NEAR WADI AL- SIRHAN / JORDANIAN TERRITORY
Nodar Sulashvili Nato Alavidze Maka Javakhia Nino Abuladze Ketevan Gabunia Vira Kravchenko Olga Shapoval Igor Seniuk Nana Gorgaslidze Marika Sulashvili Lali Patsia Marina Giorgobiani	David Agmashenebeli University of Georgia, Georgia	THE SCIENTIFIC DISCOURSE ON THE ROLE OF CLINICAL PHARMACY SERVICES IN OPTIMIZING COMPLEX PHARMACOTHERAPY: ADVANCING PHARMACOVIGILANCE, DRUG TOXICITY MANAGEMENT, MEDICATION SAFETY, THERAPEUTIC OPTIMIZATION, TREATMENT EFFECTIVENESS, PRESCRIBING QUALITY, RISK REDUCTION, AND PUBLIC HEALTH OUTCOMES
KOLO SHESHI GANA MOHAMMED	NIGER STATE COLLEGE OF NURSING SCIECE SCHOOL OF NURSING AND MIDWIFERY BIDA, Nigeria	INFLUENCE OF STUDENTS' POOR CLINICAL PERFORMANCE ON PATIENT MORTALITY IN HOSPITALS: THE WAY FORWARD – A CASE STUDY OF NIGER STATE SCHOOL OF NURSING, BIDA

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HEAD OF SESSION: Academician Prof Dr Ivan PAVLOVIĆ

AUTHOR(S)	ORGANISATION	TOPIC TITLE
Salma MAKDOUF Karima El Bouqdaoui Abdelhakim El Makssoudi Mounia Cherki	Hassan II University of Casablanca, Morocco; Higher Institute of Nursing and Health Techniques, Morocco	COMPARATIVE STUDY OF THE PHYTOCHEMICAL COMPOSITION OF FUMARIA PARVIFLORA FROM CASABLANCA, EL JADIDA AND KHOURIBGA OF MOROCCO
Academician Prof Dr Ivan PAVLOVIĆ	Scientific Institute of Veterinary Medicine of Serbia	PRESENCE AND ROLE OF CHABERTIA OVINA IN PATHOLOGY OF SHEEP AND GOATS IN SERBIA
Assist. Prof. Jyoti Rani	Parul University, India	SUSTAINABLE AGRICULTURAL BIOMASS FOR NATURAL FIBRE, DYEING, AND CIRCULAR TEXTILE APPLICATIONS
Enobong Inwang Ekpo	Akwa Ibom State Polytechnic, Nigeria	PHYTOCHEMICAL AND ANTI-NUTRIENT COMPOSITION OF DRIED RHIZOME OF ALLIUM SATIVUM OBTAINED FROM AKWA IBOM STATE, NIGERIA.
Madhumitha P. Murugesan Kamaraj	SRM Institute of Science and Technology, India	WASTE TO RESOURCE APPROACH: VALORIZATION OF FISH PROCESSING WASTE FOR SUSTAINABLE AGRICULTURAL APPLICATION
Ijeoma Lawretta PRINCEWILL- OGBONNA Samuel Chimaobi AGWU	Michael Okpara University of Agriculture, Nigeria	EXTRACTION AND COLOUR STABILITY OF PIGMENT FROM TURMERIC AT VARYING TEMPERATURES AND PH AND ITS ACCEPTABILITY AS COOKIES COLORANT
Associate Prof. Dr. Rabia Ghaffar Hira Mehboob	University of Education, Pakistan	APPLICATION OF ORGANIC PLANT EXTRACTS FOR LETTUCE GROWTH AND YIELD IN ALKALINE SOIL

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HEAD OF SESSION: Evangeline Christina

AUTHOR(S)	ORGANISATION	TOPIC TITLE
Atsehe Iorlumun Innocent	Joseph Sarwuan Tarka University Makurdi, Nigeria	INFLUENCE OF DIFFERENT PLANT SPACING ON INSECT PESTS INFESTATION AND YIELD OF AMARANTHUS HABRIDUS IN MAKURDI, NIGERIA
Olubukola L. Ayanleye Victor N. Enujiugha	Federal University of Technology, Nigeria	POTENTIALS OF AGRO-INDUSTRIAL BY- PRODUCTS AS CLEAN LABEL FOOD INGREDIENTS FOR DEVELOPMENT OF FUNCTIONAL FOODS
Deilton RIBEIRO BRASIL	University of Itaúna, Brazil	FOREIGN RURAL LAND ACQUISITION IN BRAZIL: CONSTITUTIONAL SOVEREIGNTY, FOOD SECURITY, AND ENVIRONMENTAL PROTECTION
Maryem Arraji Mohamed Khalis Mohamed Chahboune	Hassan First University of Settat, Morocco; Mohammed VI University of Health Sciences, Morocco; Mohamed V University in Rabat, Rabat, Morocco	USE OF ARTIFICIAL INTELLIGENCE FOR MEDICATION ADHERENCE ASSESSMENT IN PATIENTS WITH TYPE 2 DIABETES: AN EXPLORATORY STUDY IN MOROCCO USING CHATGPT AND THE VALIDATED GENERAL MEDICATION ADHERENCE SCALE
Sazada Siddiqui	King Khalid University, Saudi Arabia	MANGANESE'S CYTOTOXICITY AND GENOTOXICITY IN GLYCINE MAX L. ROOT MERISTEMTIC CELLS
Azimul Hasan Evangeline Christina	VIT Bhopal University, India	AN INTEGRATED FRAMEWORK FOR SOIL HEALTH AND RISK ASSESSMENT OF THE INORGANIC POLLUTANT MONITORING OF SOIL OF THE CENTRAL ZONE OF INDIA: COMBINING ICP-MS, FTIR SPECTROSCOPY, AND 16S RRNA MICROBIAL PROFILING