



Scientific Development and Innovative Approach

# INTERNATIONAL YEDITEPE SCIENTIFIC RESEARCH CONGRESS-IV

March 21-22, 2026 / Istanbul, Türkiye

## Congress Program

Participant Countries: *Türkiye, Albania, Algeria, Armenia, Azerbaijan, Georgia, India, Kazakhstan, Morocco, Nigeria, Pakistan, Romania, Russia, Serbia, Ukraine*

**Meeting ID:** 843 7526 2567

**Passcode:** 102085

**ZOOM LINK:**

<https://us06web.zoom.us/j/84375262567?pwd=bR2M3iFNU43zaZBQANYbr6yaYvnXQA.1>



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**Meeting ID: 843 7526 2567**

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**ZOOM LINK:**

<https://us06web.zoom.us/j/84375262567?pwd=bR2M3iFNU43zaZBQANYbr6yaYvnXQA.1>



21.03.2026 / Hall-1, Session-1



Ankara Local Time

10<sup>00</sup> : 12<sup>00</sup>



Meeting ID: 843 7526 2567

Passcode: 102085

HEAD OF SESSION: Assist. Prof. Dr. Ezgi YILMAZ

TOPIC TITLE	AUTHORS	AFFILIATION
READING THE RELATIONSHIP BETWEEN TRADITIONAL HOUSING AND CULTURE IN SOMALIA THROUGH THE SPACE SYNTAX METHOD; THE CASE OF MOGADISHU	Mariama IBRAHIM MOHAMED Asst. Prof. Dr. Nuşin KARA	Maltepe University, Türkiye
THE USE OF CULTURAL SYMBOLS IN DESIGN WITH A SEMIOTIC APPROACH	Esra AKSU Assoc. Prof. Dr. Eda ÇORBACIOĞLU	İzmir Democracy University, Türkiye
CONTEMPORARY MOSQUE ARCHITECTURE IN THE CONTEXT OF TOPOGRAPHY, LIGHT, AND SPATIAL EXPERIENCE: A COMPARATIVE EVALUATION OF SANCAKLAR MOSQUE AND THE GRAND NATIONAL ASSEMBLY OF TURKEY MOSQUE	İdris ÖZCAN Assist. Prof. Dr. Ezgi YILMAZ	Istanbul Aydın University, Türkiye
COMPARATIVE ANALYSIS OF CLIMATE-RESPONSIVE DESIGN AND ADAPTIVE COMFORT PERFORMANCE IN SHANGHAI TOWER AND TAIPEI 101	Asena Nur KIRCA Assist. Prof. Dr. Ezgi YILMAZ	Istanbul Aydın University, Türkiye



21.03.2026 / Hall-2, Session-1



Ankara Local Time

10<sup>00</sup> : 12<sup>00</sup>



Meeting ID: 843 7526 2567

Passcode: 102085

HEAD OF SESSION: Assoc. Prof. Dr. Buğra ÇİÇEK

TOPIC TITLE	AUTHORS	AFFILIATION
EFFECT OF DIFFERENT BORON SOURCES ON THE CARBOTHERMAL SYNTHESIS OF HAFNIUM DIBORIDE (HfB <sub>2</sub> )	Yaren GÜCÜYENER Dr. Oğuz KARAAHMET Assoc. Prof. Dr. Buğra ÇİÇEK	Yıldız Technical University, Türkiye
BASIC OXYGEN FURNACE SLAG: A SUSTAINABLE APPROACH TO SiO <sub>2</sub> - Na <sub>2</sub> O -B <sub>2</sub> O <sub>3</sub> -CAO-F GLASS-CERAMIC COATING PRODUCTION	Gamze ÖZTÜRK Assoc. Prof. Dr. Buğra ÇİÇEK	Yıldız Technical University, Türkiye
THE EFFECT OF TUNGSTEN OXIDE ON THE PROPERTIES OF GLASS-CERAMICS AND GLASS-CERAMIC COATINGS	Elvan NERMİN Sinan DALOĞLU Assoc. Prof. Dr. Buğra ÇİÇEK	Yıldız Technical University, Türkiye
EVALUATION OF COLOR AND SOME POWDER PROPERTIES OF SHRIMP (Litopenaeus vannamei) POWDERS PRODUCED BY MICROWAVE AND MICROWAVE FOAM-MAT DRYING	Res. Assist. Elif TAYFUN BİLGİÇ Umutcan ÖZTÜRK Prof. Dr. Cemalettin SARIÇOBAN	Selcuk University, Türkiye
AUTONOMOUS ALIGNMENT AND TARGET ORIENTATION OF AN UNMANNED AERIAL VEHICLE USING VISUAL SERVO CONTROL	Mustafa Cihan SALMANER Prof. Dr. Tolga YÜKSEL	Bilecik Şeyh Edebali University, Türkiye
PHOTOCATALYTIC PERFORMANCE OF ZnO NANOMATERIALS SYNTHESIZED USING CITRUS AURANTIUM ESSENTIAL OIL ON METHYLENE BLUE DYE	Assis. Prof. Dr. Nazmi SEDEFOĞLU Gülizar Asu SAVCI Prof. Dr. Fuat BOZOK	Osmaniye Korkut Ata University, Türkiye



21.03.2026 / Hall-3, Session-1



Ankara Local Time

10<sup>00</sup> : 12<sup>00</sup>



Meeting ID: 843 7526 2567

Passcode: 102085

HEAD OF SESSION: Assoc. Prof. Dr. Özge ÖZEL

TOPIC TITLE	AUTHORS	AFFILIATION
CONSUMER PROTECTION BY THE STATE THROUGH ADVERTISING REGULATIONS: ADVERTISING CONTROL AS A METHOD OF LEGAL INTERVENTION AND ITS RELATIONSHIP WITH THE CONCEPTS OF MERIT GOODS AND DEMERIT GOODS	Lect. Dr. Hande Sena TABAK	Muğla Sıtkı Koçman University, Türkiye
A DIFFERENT FOCUS: THE PLACE OF ENVIRONMENTAL SUSTAINABILITY IN STRATEGIC MANAGEMENT	Muhammed İsmail AL Dr. Oya ÖNALAN	Karabük University, Türkiye
PROBLEMS EXPERIENCED BY PRESCHOOL TEACHERS WITH PARENTS AND STRATEGIES FOR COPING WITH THESE PROBLEMS	Esra MUTLU Prof. Dr. Perihan ÜNÜVAR Assoc. Prof. Dr. Özge ÖZEL	Burdur Mehmet Akif Ersoy University, Türkiye
EXAMINING THE VIEWS AND USE OF ARTIFICIAL INTELLIGENCE AMONG PARENTS WITH PRESCHOOL-AGED CHILDREN	Sudenur YER Prof. Dr. Perihan ÜNÜVAR Assoc. Prof. Dr. Özge ÖZEL	Burdur Mehmet Akif Ersoy University, Türkiye
THE METHODOLOGY OF TEACHING BUSINESS ENGLISH AT HIGH SCHOOLS	Sadikhova Sarigul	Azerbaijan State Pedagogical University, Azerbaijan



21.03.2026 / Hall-4, Session-1



Ankara Local Time

10<sup>00</sup> : 12<sup>00</sup>



Meeting ID: 843 7526 2567

Passcode: 102085

HEAD OF SESSION: Assis. Prof. Dr. Yasemin KALKAN UĞURLU

TOPIC TITLE	AUTHORS	AFFILIATION
THE CYBERLIBERTARIAN RHETORIC AS A LEGITIMISER OF INFOCRACY: Problems, Risks, Threats	Tolga TELLAN	Ministry of Health, Türkiye
THE EFFECTS OF CHILDHOOD TRAUMA ON MENTAL HEALTH IN ADULTHOOD: A REVIEW	Dilara TANRIVERDİ Assoc. Prof. Dr. Nevin GÜNAYDIN	Ordu University, Türkiye
SEASONAL WELL-BEING AND MENTAL HEALTH: A REVIEW FROM THE PERSPECTIVE OF MENTAL HEALTH NURSING	Dilara TANRIVERDİ Assoc. Prof. Dr. Nevin GÜNAYDIN	Ordu University, Türkiye
DETERMINING THE EFFECT OF INTUITIVE EATING BEHAVIOR IN WOMEN ON A WEIGHT-LOSS DIET ON BODY WEIGHT LOSS, SELF-EFFICACY AND DIET QUALITY	Lütfiye BAŞYAZICIOĞLU Prof. Dr. Habibe ŞAHİN	Erciyes University, Türkiye
COMPARISON OF THREE DIFFERENT ARTIFICIAL INTELLIGENCE MODELS IN TERMS OF THEIR KNOWLEDGE LEVEL OF CARDIOVASCULAR DISEASE RISK FACTORS	Assis. Prof. Dr. Yasemin KALKAN UĞURLU	Ordu University, Türkiye University College Cork, Ireland



21.03.2026 / Hall-5, Session-2



Ankara Local Time

10<sup>30</sup> : 12<sup>30</sup>



Meeting ID: 843 7526 2567

Passcode: 102085

HEAD OF SESSION: Academician Prof Dr Ivan PAVLOVIĆ

TOPIC TITLE	AUTHORS	AFFILIATION
REDUCING ENVIRONMENTAL IMPACTS OF NITROGEN FERTILIZERS	ELABBARI Chaimaa Pr. Labjar Najoua El Ouali Oujidane EL BOUZIDI Ahmed ZINAOUI Badre Pr.EL Hajjaji soud	Mohammed V University in Rabat, Morocco
EXPLOITING THE MICROBIAL DIVERSITY OF TAMANRASSET'S ARID SOILS FOR INNOVATIVE PHYTOPATHOGEN BIOCONTROL	Fedwa BEGHDADI El-Hadj DRICHE	Hassiba Benbouali University of Chlef, Algeria
HIGH-POTENCY ANTIFUNGAL ACTIVITY OF SAHARAN ACTINOBACTERIA AGAINST FUSARIUM AND ALTERNARIA SPECIES	Fedwa BEGHDADI El-Hadj DRICHE	Hassiba Benbouali University of Chlef, Algeria
THE EFFECT OF AGRICULTURAL PRODUCTIVITY ON INDUSTRIAL GROWTH IN NIGERIAN ECONOMY	Rilwanu Sulaiman Aminu Adamu Ahmed Yayaji Muhammad Musa	Sa'adu Zungur University, Nigeria Federal Polytechnic Kaltungo, Nigeria Abubakar Tafawa Balewa University, Nigeria
PHYSIOLOGICAL AND CHEMICAL PROFILING OF BIOACTIVE METABOLITES FROM SAHARAN ACTINOBACTERIA ISOLATES	Fedwa BEGHDADI El-Hadj DRICHE	Hassiba Benbouali University of Chlef, Algeria
PHYSIOLOGICAL AND CHEMICAL PROFILING OF SAHARAN ACTINOMYCETE ISOLATES FOR BIOTECHNOLOGICAL APPLICATIONS	Fedwa BEGHDADI El-Hadj DRICHE	Hassiba Benbouali University of Chlef, Algeria
ESTABLISHMENT AND USE OF SOWN LAWNS	Academician Prof Dr Ivan PAVLOVIĆ	Scientific Institute of Veterinary Medicine of Serbia, Serbia
RESEARCH ON RESILIENCE MEASURES ADOPTED IN CLIMATE CHANGE CONDITIONS IN SOUTHEAST ROMANIA, TO REDUCE SALINIZATION AND SOIL EROSION	Dr. Eng. Daniela TRIFAN Dr. Eng. Alin Ionel GHIORGHE Dr. Eng. Emanuela LUNGU Drd. Eng. Marian BRĂILĂ Drd. Eng. Vlad Dumitru MIHĂILĂ	University of Agricultural Sciences and Veterinary Medicine of Bucharest, Romania
GOOD PRACTICES GUIDE FOR ESTABLISHING AGROFORESTRY CURTAINS UNDER CLIMATE CHANGE CONDITIONS IN SOUTHEAST ROMANIA	Dr. Eng. Daniela TRIFAN Drd. Eng. Nicolae POPESCU Drd. Eng. Marian BRĂILĂ Dr. Eng. Florin MOCANU Drd. Eng. Daniel George ȘERBAN Drd. Eng. Ioana Andreea GORGOVAN	University of Agricultural Sciences and Veterinary Medicine of Bucharest, Romania
THYROID HORMONE LEVELS AND THEIR ASSOCIATION WITH PLASMA ZINC LEVELS AMONG ADOLESCENT AFGHAN REFUGEES; A CROSS-SECTIONAL STUDY	Dr Saima Shaheen Dr Nabila Sher	Khyber Girls Medical College, Pakistan



21.03.2026 / Hall-6, Session-2



Ankara Local Time

10<sup>30</sup> : 12<sup>30</sup>



Meeting ID: 843 7526 2567

Passcode: 102085

**HEAD OF SESSION: Assoc. Prof. PhD. RADU Brîndușa Mihaela**

TOPIC TITLE	AUTHORS	AFFILIATION
SCHOLARLY DISCOURSE ON THE INQUIRY OF CRITICAL DIMENSIONS WITHIN INTERNATIONAL TEACHING EXCELLENCE MODELS, CONTEMPORARY INSTRUCTIONAL PARADIGMS, AND THEIR WORLDWIDE INFLUENCE ON THE TRANSFORMATION OF STRATEGIC COMMUNICATIVE PRACTICES IN HIGHER EDUCATION SYSTEMS OF THE TWENTY-FIRST CENTURY	Prof. Dr. Nodar Sulashvili Prof. Lali Patsia PhD. Dr. Ada (Adel) Tadevosyan PhD. Dr. Vira Kravchenko PhD. Dr. Olga Shapoval Dr. Marika Sulashvili PhD. Dr. Igor Seniuk PhD. Dr. Tamar Okropiridze	David Agmashenebeli University of Georgia, Georgia Sulkhan-SabaOrbeliani University, Georgia Yerevan State Medical University After Mkhitar Heratsi, Yerevan-Armenia National University of Pharmacy of Ukraine, Ukraine Kharkiv State Medical University, Ukraine University of Georgia, Georgia National University of Pharmacy, Ukraine The University of Georgia, Georgia
ADVERTISING, ETHICS, AND SOCIAL RESPONSIBILITY: EVALUATING PROFESSIONAL STANDARDS IN TRADITIONAL AND DIGITAL MEDIA	PhD(c). Erisela Marko Dr. Blegina Hasko Bezo	European University of Tirana, Albania
TEACHERS' ATTRIBUTES AS CORRELATES TO STUDENTS' ACADEMIC PERFORMANCE IN BIOLOGY IN JOS NORTH LOCAL GOVERNMENT AREA, PLATEAU STATE, NIGERIA	Anene Amaka Anulika Agbefa Maria Abah Tony Aku Amba	University of Jos, Nigeria University of Port Harcourt, Nigeria
UKRAINE AS A SPHERE OF CROSS-CULTURAL INTERACTION OF HUMANITARIAN MISSIONS DURING THE WAR	Dr. Prylyuk Vyacheslav	Taras Shevchenko National University of Kyiv, Ukraine
CRIMINALIZATION OF POLITICS IN INDIA: CAUSES, CONSEQUENCES AND LEGAL REMEDIES	Samastika Sharma	University of Delhi, India
NEXUS BETWEEN DIGITAL TRANSITION AND ECOLOGICAL TRANSITION: LITERATURE REVIEW AND CONCEPTUAL FRAMEWORK	Dr. Adam LKOURD	ENCG Oujda UMP, Morocco
GLOBAL INFLATION DYNAMICS: HISTORICAL PERSPECTIVES, STRUCTURAL MECHANISMS, AND MACROECONOMIC IMPLICATIONS	Assoc. Prof. PhD. RADU Brîndușa Mihaela	Institute for Economic Forecasting - Romanian Academy, Romania
INFLATION IN EUROPE: MONETARY COORDINATION AND CRITICAL EPISODES	Assoc. Prof. PhD. RADU Brîndușa Mihaela	Institute for Economic Forecasting - Romanian Academy, Romania



21.03.2026 / Hall-7, Session-2



Ankara Local Time

10<sup>30</sup> : 12<sup>30</sup>



Meeting ID: 843 7526 2567

Passcode: 102085

HEAD OF SESSION: Chaimae Assata

TOPIC TITLE	AUTHORS	AFFILIATION
OPTIMIZATION OF GREEN HYDROGEN PRODUCTION BY SOLAR-DRIVEN PHOTOCATALYSIS	Chaimae Assata	Mohammed V University, Morocco
INHIBITION OF MILD STEEL CORROSION IN HYDROCHLORIC ACID (1M HCl) by 5,5'- (pyridine-2,6-diyl)bis(1,3,4-oxadiazole-5,2-diyl) bis(benzene-1,3-diamine): EXPERIMENTAL AND THEORETICAL INVESTIGATION	Assiya Atif Soukaina Ameer Mohammed Lasri Rachid Hsissou Youssef Edder Houssine Ait Sir	Chouaib Doukkali University, Morocco
SOME RESULTS IN LEFT NEAR-RINGS WITH P-DERIVATIONS	Abdelkarim BOUA	Sidi Mohammed Ben Abdellah University, Morocco
QUALITY FACTOR ENHANCEMENT IN PHONONIC CRYSTAL UTILIZING THE DISC SHAPE CAVITIES	Mohammed MOUTAOUEKKIL	Université Mohammed I, Morocco
THE ROLE OF ARTIFICIAL INTELLIGENCE IN INDUSTRY 5.0	Emmanuel Okon Wilson Charles. O Amgbari	Akwa Ibom State Polytechnic, Nigeria Federal Polytechnic, Nigeria
THERMAL, SOLUTAL, AND BIOCONVECTIVE MARANGONI EFFECTS ON MHD MAXWELL NANOFUID FLOW OVER A POROUS SPINNING DISK	Ephesus O. Fatunmbi S. A. Odunlami	Federal University of Technology, Nigeria
INTEGRATED ASSESSMENT OF SHIP MANEUVER SAFETY AND ENVIRONMENTAL PROTECTION BASED ON SHORT-PARAMETER ISOLINES IN THE KAZAKHSTAN SECTOR OF THE CASPIAN SEA	Dr. Zhumayev Zholdybay Assoc. Prof. Dr. Admiral Marina Nicolaevna Lyutikova	Yessenov University, Kazakchstan Ushakov Maritime State University, Russia
A COMPREHENSIVE ANALYSIS OF MODERN APPROACHES TO ENSURING NAVIGATIONAL SAFETY AND ENVIRONMENTAL SUSTAINABILITY IN THE CASPIAN SEA	Dr. Zhumayev Zholdybay Prof. Dr. Admiral Anastas Leonidovich Boran-Keshishian	Yessenov University, Kazakchstan Ushakov Maritime State University, Russia

