



III.INTERNATIONAL CONGRESS ON ADVANCED RESEARCH AND APPLICATIONS

November 27-29, 2025

Sivas Cumhuriyet University, Sivas, Türkiye

CONGRESS PROGRAM



Meeting ID: 859 7119 7642

Passcode: 272829

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OPENING CEREMONY

27.11.2025

Ankara Local Time: 10:00 – 10:30

Moderator: Dr. Atabek MOVLYANOV

Prof. Dr. Mehmet ŞİMŞİR

Sivas Cumhuriyet University
CONGRESS CHAIR

Dr. Mustafa Latif EMEK

President of IKSAD Institute

Prof. Dr. Ahmet ŞENGÖNÜL

Rector of Sivas Cumhuriyet University
CONGRESS HONORARY CHAIR

Session-1, Hall-1

27.11.2025

Moderator: Assoc. Prof. Dr. Musa SARI

Meeting ID: 859 7119 7642 / Passcode: 272829

Ankara Local Time: 11:00 – 13:00

Title	Author(s)	Affiliation
THE EFFECT OF FRYING SQUID COATED WITH CHERRY SEED FLOUR IN DIFFERENT OILS ON OIL QUALITY AND SQUID CHARACTERISTICS	Meryem GÖKSEL SARAÇ Tuğba DEDEBAŞ Özlem Pelin CAN	Sivas Cumhuriyet University, Türkiye Afyon Kocatepe University, Türkiye
THE EFFECT OF SOUR CHERRY SEED FLOUR AND CORN FLOUR ADDITION ON THE QUALITY AND SENSORY PROPERTIES OF NON-FAT CHICKEN PATTIES: TOPSİS TECHNIQUE APPLICATION	Meryem GÖKSEL SARAÇ Tuğba DEDEBAŞ Özlem Pelin CAN	Sivas Cumhuriyet University, Türkiye Afyon Kocatepe University, Türkiye
EXAMINATION OF MEDICAL WASTE MANAGEMENT IN SİVAS PROVINCE	Burak Ethem KUZU Mustafa DEĞİRMENCİ	Sivas Cumhuriyet University, Türkiye
OPTIMIZATION OF PECTIN EXTRACTION FROM KULTİK PEEL	Çağlar Mert AYDIN	Munzur University, Türkiye
AN ECO-FRIENDLY APPROACH TO PEST CONTROL: POTENTIAL PREDATORS AND PARASİTOİDS FOR MANAGING THE POULTRY PEST <i>Alphitobius diaperinus</i> (COLEOPTERA: TENEBRİONİDAE)	Erinç ÇELİK BİÇER	Balıkesir University, Türkiye
PEST MANAGEMENT USING ESSENTIAL OILS FROM ENDEMIC PLANT SPECIES OF BALIKESİR UNIVERSITY ÇAĞIŞ CAMPUS	Berna SANÖN	Balıkesir University, Türkiye
HERBICIDE DEGRADING BACTERIA	Musa SARI	Sivas Cumhuriyet University, Türkiye

All participants must join the conference 10 minutes before the session time.

Every presentation should last not longer than 10-12 minutes.

Kindly keep your cameras on till the end of the session.

Session-1, Hall-2

27.11.2025

Moderator: Assoc. Prof. Dr. Ahmet FEYZİOĞLU

Meeting ID: 859 7119 7642 / Passcode: 272829

Ankara Local Time: 11:00 – 13:00

Title	Author(s)	Affiliation
A COMPARATIVE STUDY OF POINT CLOUD AND VOXEL-BASED DEEP LEARNING METHODS FOR PANCREAS SEGMENTATION	Hasan Basri ÖKSÜZ Rahime CEYLAN	Konya Technical University, Türkiye
AI-POWERED SMART CUSTOMER VALUE ANALYSIS, DECISION SUPPORT, AND LOYALTY PLATFORM	Halil ŞAHİN Duygu KELEŞ Cenk TEMELOĞLU Ahmet FEYZİOĞLU	Moneypay Ödeme ve Elektronik Para Hizmetleri Anonim Şirketi, Türkiye University of Chester, England
BUILDING AN AI INTERVIEWER: INSTRUCTION-TUNING LLAMA 3.1 WITH UNSLOTH AND WEBUI	Oğuz FINDIK Enes YALÇIN Berk KIYI	Karabük University, Türkiye
PCB DEFECT DETECTION WITH HYPERPARAMETER OPTIMIZATION BASED ON GENETIC ALGORITHM	Serhat AÇIL Veysel TİLEĞİ	Koluman Otomotiv Endüstri A.Ş., Mersin, Türkiye
SOLUTION OF TRAVELING SALESMAN PROBLEM WITH METAHEURISTIC BOOSTED EQUILIBRIUM OPTIMIZER ALGORITHM	Resul TUNA Oğuz FINDIK	Sinop University, Türkiye Karabük University, Türkiye
MACHINE LEARNING TRENDS IN LIVE WEIGHT ESTIMATION: GLOBAL RESEARCH TRENDS AND SCIENTIFIC NETWORK ANALYSIS	Ebubekir SÖYLEMEZ Cem TIRINK	Iğdır University, Türkiye
THE USE OF SMART MATERIALS IN STRUCTURAL ENGINEERING	Mr. Meryem Kaproli Muci Mr. Engin İljaz	International Vision University, Faculty of Engineering and architecture
RECENT APPROACHES TO EMI SHIELDING PERFORMANCE OF THIN-FILM MATERIALS USED IN HIGH-FREQUENCY RADAR AND COMMUNICATION SYSTEMS	İlhan DANACI Kevser İrem DANACI	Sivas University of Science and Technology, Türkiye
MODELING MATERIAL BEHAVIOR WITH ARTIFICIAL NEURAL NETWORKS: ELASTIC AND PLASTIC REGION PREDICTION	Kevser İrem DANACI İlhan DANACI	Sivas University of Science and Technology, Türkiye

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Session-1, Hall-3

27.11.2025

Moderator: Prof. Dr. Sayiter YILDIZ

Meeting ID: 859 7119 7642 / Passcode: 272829

Ankara Local Time: 11:00 – 13:00

Title	Author(s)	Affiliation
COMPACT BESSEL–CEPSTRAL FEATURE EXTRACTION FOR SEMG CLASSIFICATION	Hazret TEKİN	Şırnak University, Türkiye
USE OF FUZZY LOGIC BASED OIL DISSOLVED GAS ANALYSIS FOR POWER TRANSFORMER INTERNAL FAULT DIAGNOSIS	Mithat ÇİÇEK Cenk GEZEGİN	19 Mayıs University, Türkiye
A COMPARATIVE STUDY OF KNN AND SVM FOR INTRUSION DETECTION	Yasemin PEKTATLI YAVAŞ Seyfettin Sinan GÜLTEKİN	Konya Technical University, Türkiye
INVESTIGATION OF ELECTRICAL PROPERTIES OF ALUMINUM(Al)- CARBONNANOTUBE(CNT) NANOCOMPOSITE COATINGS APPLIED ON AA7075 ALUMINUM SUBSTRATE BY COLD SPRAY METHOD	Mustafa Batuhan YILANÇALI Fatih KAHRAMAN	İzmir, Türkiye Dokuz Eylül University, Türkiye
ELECTROMAGNETIC PROPERTIES OF NATURAL TRAVERTINE STONE AND ITS IMPACT ON MATERIAL SELECTION IN ARCHITECTURAL DESIGN	Özlem ÖZKAN ÖNÜR Ethem İLHAN ŞAHİN	İstanbul Nişantaşı University, Türkiye Adana Alparslan Türkeş University, Türkiye
LOW-PRESSURE GAS-DYNAMIC SPRAYING OF AL ₂ TIO ₅ -BASED COMPOSITE COATINGS ON AL7075 FOR ENHANCED MICROSTRUCTURAL INTEGRITY AND TRIBOMECHANICAL PERFORMANCE	Görkem YUMUŞAK	Marmara University, Türkiye
ASSESSMENT OF GREEN HYDROGEN PRODUCTION IN TERMS OF WATER RESOURCES AND WASTEWATER MANAGEMENT	Sayiter YILDIZ Başak YILDIRIM	Sivas Cumhuriyet University, Türkiye Adnan Menderes University, Türkiye
RECOVERY OF CRITICAL RAW MATERIALS FROM WASTEWATER AND SECONDARY RESOURCES: CURRENT APPROACHES IN ENVIRONMENTAL ENGINEERING	Sayiter YILDIZ Başak YILDIRIM	Sivas Cumhuriyet University, Türkiye Adnan Menderes University, Türkiye
ZERO WASTE APPROACH IN WASTEWATER TREATMENT PLANTS: WATER, ENERGY AND NUTRIENT RECOVERY	Sayiter YILDIZ Büşra KUZU	Sivas Cumhuriyet University, Türkiye
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Session-1, Hall-4

27.11.2025

Moderator: Dr. Md. Habibur Rahman

Meeting ID: 859 7119 7642 / Passcode: 272829

Ankara Local Time: 11:00 – 13:00

Title	Author(s)	Affiliation
PROTEOMIC AND COMPUTATIONAL DISCOVERY OF ANTIVIRAL PEPTIDES FROM ANDROCTONUS MAURITANICUS VENOM TARGETING SARS-COV-2 ENTRY	Reda Chahir Jacob Galan Salaheddine Redouane Lahoussaine Aserrar Hicham Hboub Ahmed Salim Lahlou Salma Chakir Hinde Aassila Reda Ben Mrid Najat Bouchmaa Reto Stöcklin Rachid El Fatimy Naoual Oukkache	Pasteur Institute of Morocco, Morocco, Hassan I University, Morocco The University of Texas Rio Grande Valley School of Medicine, USA
MOLECULAR MECHANISMS OF AGING IN HUMAN BRAIN FUNCTION	Dr. Md. Habibur Rahman	Novel Global Community Educational Foundation, Australia
INNOVATIONS IN ARTIFICIAL TISSUE ENGINEERING	Bipasha Ray	Saroj International University, India
ROLE OF AYURVEDIC FORMULATIONS IN MODERN PHARMACOLOGY	D.Aravindhan, N.Arshad Ahamed, K.Dinesh Rajan, S.Rubin Thara	Faculty of Pharmacy, Bharath Institute of Higher Education and Research, Chennai, India- 600073.
THERAPEUTIC POTENTIAL OF VITEX NEGUNDO LINN. : A REVIEW OF PRECLINICAL AND CLINICAL STUDIES	M.K.Vijayalakshmi, R.Vidhyalakshmi, Kowsika.M, Dhinesh.E, Bharath.S	Bharath Institute Of Higher Education And Research,Selaiyur,Chennai 600073,Tamil Nadu,Chennai
REAL-TIME ULTRASOUND ASSESSMENT OF WATER ADULTERATION IN MILK POWDER: A NON-DESTRUCTIVE APPROACH	Derra Mourad	Ibn Zohr University, Agadir, Morroco.
<p style="text-align: center;">All participants must join the conference 10 minutes before the session time. Every presentation should last not longer than 10-12 minutes. Kindly keep your cameras on till the end of the session.</p>		

Session-1, Hall-5

27.11.2025

Moderator: Prof Suresh Maind

Meeting ID: 859 7119 7642 / Passcode: 272829

Ankara Local Time: 11:00 – 13:00

Title	Author(s)	Affiliation
INVESTIGATING THE EFFECTS OF HYBRID LEARNING METHODS OF INCLUSIVE EDUCATION FOR PREVENTING SOCIAL EXCLUSION AND POVERTY IN THE CASE OF EMERGING ECONOMIES	Ramona BIRAU Virgil POPESCU Iuliana Carmen BĂRBĂCIORU Ștefan MĂRGĂRITESCU Gabriela Ana Maria LUPU (FILIP) Roxana-Mihaela NIOATA (CHIREAC)	University of Craiova, Romania „Constantin Brâncuși” University of Târgu Jiu, Romania
AI-DRIVEN PERSONALISED RECOMMENDATIONS AND THEIR IMPACT ON DIGITAL PLATFORMS AND CONSUMER EXPERIENCE	Brahim MALKI Mounia SLIMAN	Ibn Tofail University, Faculty of Economics and Management, Kenitra-Morocco
THE ROLE OF WOMEN'S HANDICRAFTS IN ATTRACTING DOMESTIC TOURISTS IN AFGHANISTAN: A CASE STUDY OF BAMIYAN, GHAZNI, AND HERAT	Zakia Hussaini	Ahlul Bayt International University, Master's Degree in Women's Studies, Tehran Iran.Athur
AGRICULTURAL MARKET DYNAMICS IN INDIA: COMPARATIVE INSIGHTS FROM SELECTED STATES OF INDIA	Prof Suresh Maind	Mumbai School of Economics and Public Policy, University of Mumbai.
ENERGY EFFICIENCY AND ENERGY MIX DIVERSIFICATION IN THE TRANSITION TO A SUSTAINABLE ENERGY SYSTEM: A SYSTEMATIC REVIEW OF EMPIRICAL STUDIES	Pegah Ghorbanpour Elmira Azizi	PhD student in Development Economics, Faculty of Economics and Management, University of Tabriz, Tabriz, Iran.
INNOVATIVE APPLICATION DEVELOPMENT FOR LIVESTOCK INVESTMENT AND MARKETING IN SUPPORT OF EID AL-ADHA CELEBRATION IN INDONESIA	Masdani Ilman Putra Karmawan, Fadilla Suri Rinaldo, Fathur Rahman, Mercurius Broto Legowo	Faculty of Information Technology Perbanas Institute, Jakarta, Indonesia Jl;.Perbanas, Karet Kuningan Setiabudi, Jakarta 12940, Indonesia
INNOVATION ENGINEERING FOR CLOTHING SALES BUSINESSES IN INDONESIA MSMEs	Frederick Conrad Sijabat, Aidan Fitrah Wardoyo, Mercurius Broto Legowo	Information Systems – Perbanas Institute Jakarta

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Session-1, Hall-6

27.11.2025

Moderator: Prof Suresh Maind

Meeting ID: 859 7119 7642 / Passcode: 272829

Ankara Local Time: 11:00 – 13:00

Title	Author(s)	Affiliation
COMPARISON THE DIFFERENT OF THE SPACE CHARGE TRANSPORT IN THE BULK OF POLYETHYLENE BETWEEN FIELD-DEPENDENT MOBILITY AND EFFECTIVE CONSTANT MOBILITY UNDER DC VOLTAGE	Boukhari Hamed, BOUCHALGA Fatma, Fatiha ROGTI	Université de Ghardaia, Algérie University of laghouat, Algeria
OPTIMIZATION OF THERMAL AND HYDRAULIC PERFORMANCE IN MINI-CHANNEL HEAT SINKS WITH INNOVATIVE SECONDARY CHANNEL DESIGNS FOR ADVANCED COOLING SYSTEM	Hossain Mahmud Masum Md. Nakib Hasan Salim Subah Mostafa Kamal Fahad Talal Owasif Tushar Mr. Yeadul Islam Sazal	University of Wollongong Student of Ahsanullah University of Science and Technology
ENHANCING THE ELECTRONIC AND OPTICAL PERFORMANCE OF DYE-SENSITIZED SOLAR CELLS WITH ALIZARIN-BASED DYES: DFT/TD-DFT INVESTIGATIONS	Rajaa Dianya, Said Kerraj, Mohamed Kadour Atouailaad, Ahmed Arifd, Abdelkhalk Aboulouard, Mustapha Boulghalat, Abdessamad Tounsi, Mohammed Salah, Mohammed El idrissi	Sultan Moulay Slimane University, Beni Mellal, Morocco
DISASTER MANAGEMENT: DRONE – ASSISTED EMERGENCY RESPONSE SYSTEM WITH AUTOMATED VICTIM DETECTION AND AID DELIVERY	RB Sarrvesh Sai, Sarveshvaran M. V., Shahid Irfan F., Shawn Cafu M., Sai Kumaran .S., Sakthi Murugan .S.B., Dr. Nixon Samuel Vijayakumar G.	R.M.K Engineering College, Kavaraipettai.
WEARABLE LIGHT INTENSITY COLOR ASSISTANCE DEVICE FOR PEOPLE WITH VISUAL IMPAIRMENTS	Madhava Perumal Y., Syed Ashfaq, Sujay Remileon, Vishal K., Aditya Jayaraj, Dr. Nixon Samuel Vijayakumar. G.	R.M.K. Engineering College, Kavaraipettai
COMPARISON OF THE OUTPUT BEHAVIOUR OF LED AND LASER LIGHT USING BASIC SENSORS	Divyadharshini R., Deepika R., Bhavana B., Karthika H., Dr. G.Nixon Samuel Vijayakumar	R.M.K. Engineering College, Kavaraipettai.
ANALYSIS OF DUAL BAND METAMATERIALS BASED ANTENNA FOR UPPER BAND 5G APPLICATION	Hridoy BANIK	Noakhali Science and Technology University, Bangladesh
SUSTAINABLE FAULT MONITORING OF DISTRIBUTION CONDUCTORS USING SENSOR-BASED ML AND EM FIELD ENERGY HARVESTING	C N Maheshwari, P Pradhysri, Priyadharshini S, Vanthana G, Paveena P, Dr. G. Nixon Samuel Vijayakumar	R.M.K. Engineering College, Kavaraipettai
DESIGN AND VALIDATION OF A ROBUST DC MOTOR SPEED CONTROL SYSTEM WITH ENHANCED STABILITY AND EFFICIENCY	Bello, M. S. Ngang, N.B. Peter, S.K.	Veritas University, Nigeria Ngang Veritas University, Nigeria Kehinde Kogi Polytechnic, Nigeria

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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Session-2, Hall-1

27.11.2025

Moderator: Assoc. Prof. Dr. Mehmet ZİLE

Meeting ID: 859 7119 7642 / Passcode: 272829

Ankara Local Time: 13:30 – 15:30

Title	Author(s)	Affiliation
INVESTIGATION OF TRAVELING WAVE SOLUTIONS IN NONLINEAR FRACTIONAL TELEGRAPH EQUATIONS	Fatih ÖZBAĞ Esra KARAFİLİKOĞLU	Harran University, Türkiye
SOME THEOREMS ON PARALLEL FIXED POINT ALGORITHMS IN HYPERBOLIC SPACES	Fatma Gül NURLU Samet MALDAR	Aksaray University, Türkiye
INVESTIGATION OF ELEMENTAL ANALYSIS FINDINGS OF PB-CNT NANOCOMPOSITE COATINGS APPLIED ON AA7075 ALUMINUM SUBSTRATE BY COLD SPRAY METHOD	Mustafa Batuhan YILANÇALI Fatih KAHRAMAN	Bağımsız Araştırmacı, İzmir, Türkiye. Dokuz Eylül University, Türkiye
DESIGN AND STRUCTURAL ANALYSIS OF FRONT WALL PANEL SHEET FOR AN OPEN-BOX TRAILER	Gökay GÜRBÜZ Barış ECEVİT	Koluman Otomotiv Endüstri A.Ş., Mersin, Türkiye
A GENERAL OVERVIEW OF ULTRASONIC MACHINING METHOD AND ITS APPLICATION AREAS	Ulviyya AZIZOVA Oğuz ERDEM	Kırıkkale University, Türkiye
USING THE CREATED ARTIFICIAL BEE/ANT HYBRID OPTIMIZATION ALGORITHM, SMART ENERGY MANAGEMENT IN SOLAR/WIND POWER STATIONS	Mehmet ZİLE	Gazi University, Türkiye

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Session-2, Hall-2

27.11.2025

Moderator: Prof. Dr. Muharrem GÜNEŞ

Meeting ID: 859 7119 7642 / Passcode: 272829

Ankara Local Time: 13:30 – 15:30

Title	Author(s)	Affiliation
ARTIFICIAL EMPATHY: THE SIMULATION OF EMOTIONALITY IN HUMAN–MACHINE COMMUNICATION	Ferhat Atik	Girne Amerikan Üniversitesi
DEVELOPING A JACKET WITH FUNCTIONAL FEATURES	Beyzanur SEYİTOĞLU Ali Furkan KARATAŞ	Marmara University, Türkiye Hatemoğlu, Türkiye
FUNCTIONAL MEDICAL TROUSERS DESIGN	Beyzanur SEYİTOĞLU Hüseyin Cem ÜSTÜN	Marmara University, Türkiye Hatemoğlu, Türkiye
DEVELOPING AN EMBROIDERED TUXEDO DESIGN	Beyzanur SEYİTOĞLU Feyza YAVUZ	Marmara University, Türkiye Hatemoğlu, Türkiye
THE REFLECTION OF SPONGE CITY APPLICATION ON THE CITY AND EXAMPLES FROM THE WORLD	Metehan ÇELİKKOL	Kahramanmaraş Sütçü İmam University, Türkiye
COMPARISON OF LOCAL DEMOCRACY AND ENVIRONMENTAL GOVERNANCE APPROACHES BETWEEN TÜRKİYE AND FRANCE	Muharrem GÜNEŞ Asuman OĞUR	Hatay Mustafa Kemal University, Türkiye
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Session-2, Hall-3

27.11.2025

Moderator: Dr. Görkem KERVANCIOĞLU

Meeting ID: 859 7119 7642 / Passcode: 272829

Ankara Local Time: 13:30 – 15:30

Title	Author(s)	Affiliation
BIOLOGICAL EFFECTS OF WHITENING GEL pH LEVELS ON ENAMEL STRUCTURE	Görkem KERVANCIOĞLU Derya Gürsel SÜRMELİOĞLU	Şehitkamil Oral and Dental Health Center, Türkiye Gaziantep University, Türkiye
TARGETING MYELINATION PROCESS IN NEURODEGENERATIVE DISEASES THROUGH SYSTEMS BIOLOGY	Beste TURANLI Ceyhun BEREKETOĞLU Saliha Ece ACUNER ZORLUUYSAL Elif Serap GÜRLER	Marmara University, Türkiye İstanbul Medeniyet University, Türkiye
THE USE OF NANOTECHNOLOGY FOR THE DETECTION OF LATENT FINGERPRINTS IN FORENSIC APPLICATIONS	Sabuhı ABDULZADE Mustafa Oğuzhan ÇAĞLAYAN	Bilecik Şeyh Edebali University, Türkiye
NOISE AND COMMUNICATION IN THE OPERATING ROOM: THE SILENT MINUTE APPROACH	Kübra Nur YILDIRIM Hatice ERDOĞAN	Maltepe University, Türkiye
THE BIOLOGICAL EFFECTS OF SALIVA ON THE SURFACE DURABILITY OF COMPOSITE RESIN RESTORATIONS	Görkem KERVANCIOĞLU Doç. Dr. Derya Gürsel Sürmelioglu	Şehitkamil Oral and Dental Health Center, Türkiye Gaziantep University, Türkiye
GREEN OPERATING ROOM AND SUSTAINABLE PERIOPERATIVE NURSING: A FUTURE-ORIENTED APPROACH	Kübra YENER Hatice ERDOĞAN	Maltepe University, Türkiye
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Session-2, Hall-4

27.11.2025

Moderator: İrina-Ana DROBOT

Meeting ID: 859 7119 7642 / Passcode: 272829

Ankara Local Time: 13:30 – 15:30

Title	Author(s)	Affiliation
TRANSFORMATION CHRISTIAN RELIGIOUS EDUCATION MANAGEMENT THROUGH DIGITAL MEDIA AND TECHNOLOGY IN MODERN SOCIETY	Risa Yulianti Diniyarti Rara Bolu	Christian University of indonesian, Faculty of Education, Masters Study Program in Christian Religious Education, Jakarta Indonesia
2025 RANKING OF UKRAINIAN RESEARCHERS	Gyula Mester Kovalevskyy Sergiy	University of Szeged, Hungary
ENHANCING SAFETY AND ACCESSIBILITY IN THE DESIGN OF A PUBLIC TRANSPORTATION HUB IN MINNA, NIGER STATE	Kater Titus, A.J. Simon, D.O. Alonge	Federal University of Technology, Minna, Nigeria
EVALUATING THE OPTIMAL BUILDING ORIENTATION IN THE COLD CLIMATE OF ARDABIL: A CASE STUDY OF DIFFERENT PHASES OF KOSAR TOWNSHIP AND ITS IMPLICATIONS FOR SUSTAINABLE ARCHITECTURE	Kazem Gholizadeh	Technical and Vocational University (TVU), Tehran, Iran
HYPOTHESES IN THE NOVEL TEINO KOR AND THE FICTIONAL WORLD	İrina-Ana DROBOT	Technical University of Civil Engineering Bucharest, Faculty of Engineering in Foreign Languages, Department of Foreign Languages and Communication, Bucharest, Romania
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Session-2, Hall-5

27.11.2025

Moderator: Vjollca Berisha

Meeting ID: 859 7119 7642 / Passcode: 272829

Ankara Local Time: 13:30 – 15:30

Title	Author(s)	Affiliation
SUSTAINABLE REMOVAL OF METHYLENE BLUE USING NATURAL AND MODIFIED ALGERIAN CLAYS	Nesrine Ammouchi, Samra Benkacem, Walid Boultif, Youghourta Belhocine	University 20 August 1955, Algeria
REMOVAL OF ACID BLUE 113 TEXTILE DYE FROM SYNTHETIC AQUEOUS SOLUTION BY ADSORPTION AND FLOCCULATION PROCESS USING CATIONIC COPOLYMER	Hanane Mahroug, Lamia Cherif, Soraya Belkaid	University centre of Maghnia, Algeria Tlemcen University, Algeria Higher School in Applied Sciences (Essa), Algeria
INTEGRATIVE BIOINFORMATICS REVEALS SHARED MOLECULAR SIGNATURES LINKING IBD PROGRESSION TO COLORECTAL AND CHOLANGIOCARCINOMA	Shahana Azad Meem, Amit Sarder, Chanchal Mandal	Khulna University, Khulna-9208, Bangladesh.
MECHANICAL PROPERTIES OF CUBIC MgCa INTERMETALLIC COMPOUND UNDER HIGH COMPRESSION UP TO 7 GPa: DFT APPROACH	Abdelfateh BENMAKHOULF Salah DAOUD Nadhira BIOUD Mohammed OULEDALI	University Mohamed El Bachir El Ibrahimi of Bordj Bou Arreridj, Algeria University of Ahmed Draia, Adrar, Algeria. Laboratory of Micro and Nanophysics (LaMin), Algeria
SYNTHESIS, SPECTROSCOPIC CHARACTERIZATION, AND ANTIPROLIFERATIVE ACTIVITY OF PYRIMIDINE-BASED TRANSITION METAL COMPLEXES	Vjollca Berisha, Sevdije Govori	University of Pristina, Republic of Kosovo
NOVEL METAL (II) COMPLEXES OF PYRIMIDINE SCHIFF BASES: STRUCTURAL CHARACTERIZATION AND ANTIPROLIFERATIVE ACTIVITY	Vjollca Berisha, Sevdije Govori	University of Pristina, Republic of Kosovo
FUNCTIONALIZATION OF CELLULOSE PAPER WITH H ₂ Ti ₃ O ₇ NANOSHEETS DECORATED WITH Cu ₂ O NANOPARTICLES FOR ENVIRONMENTAL AND BIOLOGICAL APPLICATIONS	Mouheb Sboui Youssef O. Al-Ghamdi	University of Sfax, Sfax
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Session-2, Hall-6
27.11.2025
Moderator: Luigi Rarità
Meeting ID: 859 7119 7642 / Passcode: 272829
Ankara Local Time: 13:30 – 15:30

Title	Author(s)	Affiliation
BUILDING A MODULAR, DATABASE-DRIVEN WEB MAPPING PLATFORM WITH LEAFLET, SPRING BOOT, AND POSTGRESQL	Medjon HYSENAJ	Department of Geography, Universiteti i Shkodrës “Luigj Gurakuqi”, Shkodër, Albania
FROM REPLICATION TO SYNCHRONIZATION: MODERN ARCHITECTURES FOR DISTRIBUTED GIS DATA MANAGEMENT IN THE CLOUD ERA	Medjon HYSENAJ	Department of Geography, Universiteti i Shkodrës “Luigj Gurakuqi”, Shkodër, Albania
ICHTNOLOGY OF THE SINEMURIAN-PLIENSCHACHIAN CARBONATE SUCCESSION, FROM TIGHZA AREA (MARRAKECH HIGH ATLAS, MOROCCO): IMPLICATIONS FOR THEIR FORMATION AND PALAEOENVIRONMENT	Maryam Errami Ahmed Algouti Hayat Ghachoui	Cadi Ayyad University, Faculty of Semlalia, Department of Geology, Marrakech Morocco
A POSSIBLE OVERVIEW OF A QUANTITATIVE ANALYSIS OF ENVIRONMENTAL SUSTAINABILITY	Luigi Rarità	University of Salerno, Fisciano (SA), Italy
STUDY OF THE AMOUNT OF AN ORGANIC DYE ABSORBED BY A BIOCHAR PRODUCED FROM A NATURAL WASTE	Abdelfateh Benmakhlou, Karce Houssemeddine, Dilmi Abdelkader	Mohamed El-Bachir El-Ibrahimi University - Bordj Bou Arreridj
IMPACT OF CLIMATE CHANGE ON HYDRODYNAMIC AND SEDIMENTARY DYNAMICS ALONG THE MOROCCAN COASTLINE	Yousra Hamoumi, Abdessalam Ouallali, Nouhaila Lassfar, Amine Sarhrani, Abdeslam Taleb	University of Casablanca, Morocco Ibn Tofail University, Kenitra, Morocco
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Session-1, Hall-1

28.11.2025

Moderator: Assoc. Prof. Dr. Ebru YABAŞ

Meeting ID: 859 7119 7642 / Passcode: 272829

Ankara Local Time: 10:00 – 12:00

Title	Author(s)	Affiliation
INVESTIGATION OF THE EFFECTIVENESS OF ACTIVATED CARBON/ALGINATE BEADS IN EUGENOL STORAGE	Kaan KARAOĞLU	Recep Tayyip Erdoğan University, Türkiye
DEVELOPMENT OF AN INNOVATIVE FOOT MASK FORMULATION AND PROTOTYPE PRODUCTION	Sadık DOĞAN Şefika Aybüke AYBORAN Songül ALİM Ebru YABAŞ	Ezel Kozmetik İth. İhr. Tic. ve San. A.Ş., Sivas, Türkiye Sivas Cumhuriyet University, Türkiye
INNOVATIVE LAUNDRY CAPSULE ENABLING SIMULTANEOUS WASHING OF DIFFERENT-COLORED CLOTHES	Nurşen KARAKODAK Şefika Aybüke AYBORAN Songül ALİM Ebru YABAŞ	Ezel Kozmetik İth. İhr. Tic. ve San. A.Ş., Sivas, Türkiye Sivas Cumhuriyet University, Türkiye
ULTRASOUND-ASSISTED SYNTHESIS OF POLYANILINE (PANI) AND CONTROL OF ITS ELECTRICAL CONDUCTIVITY	İbrahim KORKUT Salih ÖZBAY Fuat ERDEN	Sivas University of Science and Technology, Türkiye
QUANTUM-CHEMICAL AND MOLECULAR DOCKING INVESTIGATION OF C ₁₂ H ₁₀ N ₆ O ₃ : A PYRAZOLO[1,5-A] PYRIMIDINE DERIVATIVE WITH POTENTIAL BIOLOGICAL ACTIVITY	Yavuz EKİNCİOĞLU	Bayburt University, Türkiye
INVESTIGATION OF THE COLLISION BEHAVIOR OF ADJACENT REINFORCED CONCRETE BUILDINGS WITH BASE ISOLATION UNDER EARTHQUAKE EXCITATION USING DIFFERENT TYPES OF DAMPERS	Turan KARABÖRK Süheyl ŞANLI	Aksaray University, Türkiye
EFFICACY RESULTS AND STABILITY STUDY OF FORMULATIONS DESIGNED TO REDUCE PESTICIDE RESIDUES	Özge KARATAŞ Berkay ŞERAN Aylin RAZLIKLI İrem ÇEYİZ	Viking Temizlik ve Kozmetik Ürün. Paz. San. Tic. A.Ş., İzmir, Türkiye
PHOTODYNAMIC THERAPY FOR THE CONTROL OF FOODBORNE PATHOGENS: MECHANISTIC BASIS AND APPLICATION POTENTIAL	Esen Bilge BİÇER Şeniz KARABIYIKLI ÇİÇEK Ebru YABAŞ	Sivas Cumhuriyet University, Türkiye Tokat Gazi Osmanpaşa University, Türkiye
RELIABILITY ANALYSIS OF PHASE-SHIFTED AND HARD SWITCHED FULL-BRIDGE CONVERTERS BASED ON THERMAL PERFORMANCE	M. Murat Tulek A. Hulya Obdan	Yıldız Technical University, Türkiye
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Session-1, Hall-2

28.11.2025

Moderator: Prof Mamta Sharma

Meeting ID: 859 7119 7642 / Passcode: 272829

Ankara Local Time: 10:00 – 12:00

Title	Author(s)	Affiliation
DOSE CALCULATIONS FOR THE SEMI-ARID AGRICULTURAL AREA OF MEKNES USING THE NORMALYSA TOOL	Samira EL AOUIDI, Zineb ELABOUDI, Abdelmourhit LAISSAOUI, Radouan SAADI, Azzouz BENKDAD, Zineb EL Mouridi	Centre National de l'Energie, des Sciences et des Techniques Nucléaires – Rabat, Morocco University of Hassan II Casablanca, Morocco National Institute of Agronomic Research (INRA), Morocco
INNOVATIVE SUSTAINABLE MATERIALS FOR ADVANCED PACKAGING SYSTEMS	Bouchra LYOUBI, Mehdi MENNANI, Zineb KASSAB	Mohammed VI Polytechnic University (UM6P), 43150 Benguerir, Morocco
NATURAL GUM.BASED BIOACTIVE COMPOUNDS FOR FOOD BIO-PRESERVATION	Abdalbasit Mariod, Suzy Salama, Haroon Elrasheid Tahir	University of Jeddah, KSA Indigenous Knowledge and Heritage Centre, Sudan Jiangsu university, China
SYNERGISTIC EFFECTS OF POLYPHENOL-RICH FOODS AND RESISTANCE TRAINING IN THE PREVENTION AND MANAGEMENT OF SARCOPENIA	Eszter Pázmándi, Tamás Jarecsny, Andrea Lehocski, Mónika Fekete	Institute of Preventive Medicine and Public Health, Budapest, Hungary Doctoral College of Semmelweis University, Budapest, Hungary
THE IMPORTANCE OF USING INTERNAL CONTROL MECHANISMS IN THE OPERATIONS OF HEALTHCARE INSTITUTIONS - EXAMPLE OF BOSNIA AND HERZEGOVINA	Slobodanka Jovin Mustafa Avdagić Željko Grublješić Slobodan Popović	Business School, Serbia JZU General Hospital Sanski Most, Bosnia and Herzegovina PIM University - University of Business Engineering, Bosnia and Herzegovina Faculty of Economics and Industrial Management, Serbia
TELEREHABILITATION IN PREVALENCE OF CHILDHOOD OBESITY AMONG 12-YEAR-OLD CHILDREN IN KOSOVO	Bekim Ramabaja, Besmir Salihu, Kushrim Zhjeqi	Universum International College, Department of Health, Lipjan, Kosovo
CLIMATE CHANGE AND HUMAN HEALTH: NAVIGATING THE NEXUS OF ADAPTATION, MIGRATION, AND SECURITY	Prof Mamta Sharma Prof Sandeep K Sharma	KM College, University of Delhi, India
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Session-1, Hall-3

28.11.2025

Moderator: Prof Mamta Sharma

Meeting ID: 859 7119 7642 / Passcode: 272829

Ankara Local Time: 10:00 – 12:00

Title	Author(s)	Affiliation
PHISHING WEBSITE DETECTOR	Faruku Muhammad Aliero Zaharaddeen Adamu Khamisu Umar M Adam Shafiu Abubakar Abdulrahman Ibrahim	Abdullahi Fodio University of Science and Technology
A DEFENSE-ORIENTED ROBUST- LSTM FRAMEWORK FOR TIME- SERIES DATA AGAINST POISONING AND BACKDOOR THREATS	Ramen Kumar Das	Bangladesh University of Engineering & Technology, Bangladesh
BIG DATA ANALYTICS FOR SUPPLY CHAIN DISRUPTION FORECASTING	Jora Banda Iges Banda	European University of Tirana, Tirana, Albania Western Balkans University, Tirana, Albania
ADVANCING POTHOLE DETECTION THROUGH ATTENTION-ENHANCED YOLO AND ARCHITECTURAL ABLATIONS	Nawshad Reza Sowrov	East Delta University
REAL TIME SUBSTATION MONITORING AND CONTROL USING AI-ENABLED MOBILE AND WEB TECHNOLOGIES	Rashidul Islam Sifat, Md Pervez Hasan, Md Tohin Sarker, Md. Jamil Islam, Md Alamin	Dhaka University of Engineering & Technology, Gazipur Bangladesh University of Business and Technology
DEVELOPMENT OF Psycholify.com: BUILDING A PSYCHOLOGY EDUCATION PLATFORM USING THE LARAVEL PHP FRAMEWORK	Nurbanu Bayterekova Ilyaskyzy Ali Koçaslan	Akhmet Yassawi International Kazakh- Turkish University
DESIGN AND IMPLEMENTATION OF BACTID SOFTWARE FOR SIMPLE PRELIMINARY IDENTIFICATION OF BACTERIA OF COMMON MICROBIOLOGICAL IMPORTANCE	Yusuf Yunusa Riko, Nura Mukhtar, Kamaluddeen Kabir, Yahaya Yunusa Riko	Umaru Musa Yar'adua University, Katsina
A MACHINE LEARNING APPROACH FOR PREDICTING REAL-TIME DRILLING PARAMETER (ROP)	Md. Riyad Sorker, Ms. Nadia Mahjabin	Chittagong University of Engineering & Technology, Chittagong, Bangladesh
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Session-1, Hall-4

28.11.2025

Moderator: Dimitrije Radjenović

Meeting ID: 859 7119 7642 / Passcode: 272829

Ankara Local Time: 10:00 – 12:00

Title	Author(s)	Affiliation
SIMULATING TWO-PHASE FLOWS WITH LIE ADVECTION AND IMPLICIT INTERFACE METHODS	Dimitrije Radjenović	University of Belgrade, Serbia
A FINITE ELEMENT FRAMEWORK FOR PRECISION PLANNING IN RADIOFREQUENCY ABLATION THERAPY	Marija Radmilović-Radjenović	University of Belgrade, Belgrade, Serbia.
REFRACTIVE INDEX-BASED OPTICAL BIOSENSOR USING 1D PHOTONIC STRUCTURES	Sumitra Dewal, Bhuvneshwer Suthar, Vijent Bhojak	M.L.B. Govt. College, India Shri Khushaldas University, India
HMI-PLC INTEGRATION FOR INDUSTRIAL AUTOMATION USING MITSUBISHI GOT2000 and FX5U-iQF SERIES	Lalit Bhanwrela Alka Karketta Dr. Naresh Purohit Deepak Rathod	Shri Vaishnav Vidyapeeth Vishwavidyalaya, Faculty, EEE Department, Indore, India.
INTERNAL QUANTUM EFFICIENCY IN GaN/AlGaN BLUE-VIOLET LASER DIODES UNDER HYDROSTATIC PRESSURE	Rajab Yahyazadeh, Zahra Hashempour	Islamic Azad University, Khoy, Iran
COMPUTATIONAL INSIGHTS INTO NON-FULLERENE ACCEPTORS: MOLECULAR ENGINEERING VIA DFT/TD-DFT FOR ORGANIC SOLAR CELLS	Ikram Mennas Prof. Dr. Mohammed El Idrissi Prof. Dr. Abdelkhalek Aboulouard El Mostafa Benharaf Ahmed Arif Zohra ZIDANE	Sultan Moulay Slimane University, Béni Mellal, Morocco
IMPACT OF ELECTRON-WITHDRAWING SUBSTITUENTS ON THE OPTOELECTRONIC AND PHOTOVOLTAIC PROPERTIES OF TRIPHENYLAMINE-BASED DYES IN DSSCs DEVICES	D DYES IN DSSCs DEVICES Amal ATMANE Yasser KARZAZI	Mohammed First University
QUANTIFYING TRAFFIC DELAY ON MAJOR CORRIDORS OF CHATTOGRAM CITY USING GOOGLE MAPS TRAVEL-TIME DATA	Addiat Shaharia, Naimul Hasan, Rifat Jahan Sara, Lecturer Sajid Hasan	Southern University Bangladesh
EFFECT OF SECOND PHASE ON CORROSION RESISTANCE OF FRICTION STIR WELD 6061-T6 ALUMINUM ALLOY	Khawla AMARA Walid BEDJAOU Riad BADJI	Research Center in Industrial Technologies, Algeria

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Session-1, Hall-5
28.11.2025
Moderator: Janos Santa
Meeting ID: 859 7119 7642 / Passcode: 272829
Ankara Local Time: 10:00 – 12:00

Title	Author(s)	Affiliation
UNVEILING THE PHOTOVOLTAIC AND OPTOELECTRONIC PROPERTIES OF NaSbTe ₂ TERNARY CHALCOGENIDE: A COMPREHENSIVE DFT ANALYSIS	M. N. H. Liton, M. S. I. Sarker, M. M. Rahman, M. K. R. Khan	University of Rajshahi, Bangladesh Begum Rokeya University, Bangladesh
SYNTHESIS IN NANOSCALE AND ITS PROBLEMS	Rahimova Yulduz	Oguz han Engineering and technology university, Ashgabat, Turkmenistan
IMPROVING NATURAL AIRFLOW IN BUILDINGS THROUGH INCLINED SOLAR CHIMNEY SYSTEMS	Faris Aissaoui, Faouzi Akermi, Khalid faiza, Yousef Belloufi, Amar Rouag, Oussama Moussa	Université Mohamed Khider Biskra, B.P.145 R.P. 07000 Biskra, Alegria.
ASSESSMENT OF COASTAL VULNERABILITY IN THE AZEMMOUR ESTUARY USING A GIS-BASED CVI APPROACH	Nouhaila Lassfar, Dalila Loudyi, Aissa Benazzouz	Hassan II University of Casablanca, Morocco Institut Supérieur d'Etudes Maritimes, Morocco
EFFECT OF METAKAOLIN ON FLY ASH-GGBS-BASED GEOPOLYMER CONCRETE BY PARTIAL REPLACEMENT OF FINE AGGREGATE WITH QUARTZ SAND	Pathangi Eswanth, Mahendrakar Hemanth Kumar	G.Pulla Reddy Engineering College
SMART DESIGN SOLUTIONS FOR UNIVERSITY HOUSING: A WASTE-OPTIMIZED ARCHITECTURAL SOLUTION FOR POSTGRADUATE ACCOMMODATION AT FUTMINNA	Okonnah Samuel David, Prof. A. D. Isah	Federal University of Technology, Minna, Nigeria.
ARTIFICIAL INTELLIGENCE IN SUPPORT OF CHIEF FINANCIAL OFFICERS	Janos Santa	Imerys Kiln Furniture Hungary, Country Finance manager, Szeged, Hungary
EMPTINESS AS GENERATIVE FIELD: REFRAMING MIND, MATTER, AND EXPERIENCE	Umberto Crisanti	Cognitive Behavioural Therapist
HEALTH ECONOMY AS AN ECONOMIC PHENOMENON IN OBSERVATION OF THE NEEDS OF THE BROAD POPULATION OF AN ECONOMY, ESPECIALLY IN SMALL COUNTRIES LIKE THE ECONOMY OF BOSNIA AND HERZEGOVINA	Mustafa Avdagić Željko Grublješić Slobodanka Jovin Slobodan Popović	JZU General Hospital Sanski Most, 79260 Sanski Most, Bosnia and Herzegovina Željko Grublješić PIM University - University of Business Engineering, 78000 Banja Luka, Bosnia and Herzegovina Business School, 21000 Novi Sad, Serbia Faculty of Economics and Industrial Management, Serbia
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