



MINGACHEVIR  
STATE UNIVERSITY



**MAS 19th  
INTERNATIONAL EUROPEAN  
CONFERENCE ON MATHEMATICS,  
ENGINEERING, NATURAL &  
MEDICAL SCIENCES**

**April 17-18, 2024**

**Mingachevir State University, Mingachevir, Azerbaijan**

**CONFERENCE PROGRAM**

**Meeting Id: 851 7785 3338**

**Passcode: 171817**

<https://us02web.zoom.us/j/85177853338?pwd=WEpWbjRPQXphMHpDYiRlclFNRVloQT09>

**PARTICIPANT COUNTRIES (11):**

Azerbaijan, Türkiye, India, Nigeria, Romania, Pakistan, Morocco, Algeria, Iraq, China,  
Bulgaria

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- ✓ 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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- ✓ The participant must be connected to the session 15 minutes before the presentation time.
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- ✓ Moderator is responsible for the presentation and scientific discussion (question-answer) section of the session.

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exp. Hall-1, Ali ÖZDEMİR**

**Meeting ID: 851 7785 3338  
Passcode: 171817**



## **-Opening Ceremony-**

17.04.2024

Time (Baku): 12:00-13:00

Time (Ankara): 11:00-12:00

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SPEAKERS

**Prof. Veysal Eyyubov**  
**Dr. Mustafa Latif Emek**  
**Prof. Cemal Yılmaz**  
**Dr. Elvan Caferov**

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**FACE TO FACE (HALL -1 (107))**

**17.04.2024**

**Moderator: Dr. Almaz ALIYEVA**

**Address: Mingachevir State University**

**Baku Local Time: 14:00 – 16:00**

TITLE	AUTHOR(S)	AFFILIATION
THE EFFECT OF SINGLE-VARIABLE ATTRIBUTE SELECTION METHODS ON CLASSIFICATION PERFORMANCE IN ANDROID MALWARE DETECTION VIA PERMISSION INFORMATION	Kazım KILIÇ İbrahim Alper DOĞRU	Gazi University, Ankara, Türkiye
CLASSIFICATION OF PLANT DISEASES WITH DEEP LEARNING	Elif Ünal ÇAYIR Necaattin BARIŞCI	Gazi University, Ankara, Türkiye
RİYAZİYYAT VƏ İNFORMATİKA ARASINDA ƏLAQƏ	Leyla İSMAYILZADƏ	Mingachevir State University, Azerbaijan
OPTIMIZING ENERGY EFFICIENCY THROUGH IOT APPLICATIONS IN SMART URBAN ENVIRONMENTS	Maryam ASADOVA	Mingachevir State University, Azerbaijan
VEB TƏHLÜKƏSİZLİKDƏ HÜCUMLARIN TƏHLİLİ VƏ İŞLƏNMƏ PROSESİ	Validə NURİYEVA Nərmin ƏHMƏDOVA Dinarə İSLAMOVA	Mingachevir State University, Azerbaijan
ADVANTAGES AND CHALLENGES OF USING CLOUD TECHNOLOGIES IN MANAGEMENT AREAS	Səbinə ƏLİYEVA Aysu SÜLEYMANOVA	Mingachevir State University, Azerbaijan
SMART SİSTEMLƏRDƏ KİBERTƏHLÜKƏSİZLİK: PROBLEMLƏR VƏ ÇAĞIRIŞLAR	Aidə MUSTAFAYEVA Zemfira ƏLİYEVA Günəl BAXŞIYEVA Səadət ASLANOVA	Mingachevir State University, Azerbaijan
SÜNİ İNTELLEKTƏ ƏSASLANAN KİBER RİSKLƏRİN VƏ TƏHLÜKƏSİZLİYİN İDARƏ EDİLMƏSİ	Elvin MURADZADƏ	Mingachevir State University, Azerbaijan
MECHANISMS OF COMBATING CYBERTHREATS USING ARTIFICIAL INTELLIGENCE	Aidə MUSTAFAYEVA Elmira İSRAFILOVA Almaz ƏLİYEVA Elnur XƏLİLOV	Mingachevir State University, Azerbaijan

**FACE TO FACE (HALL -2 (208))**

**17.04.2024**

**Moderator: Prof. Cemal YILMAZ**

**Address: Mingachevir State University**

**Baku Local Time: 14:00 – 16:00**

TITLE	AUTHOR(S)	AFFILIATION
INVESTIGATION OF TURNING PERFORMANCE OF AISI 321 STAINLESS STEEL UNDER ENVIRONMENTALLY FRIENDLY COOLING/LUBRICATION CONDITIONS	Şenol ŞİRİN Emine ŞİRİN	Düzce University, Düzce, Türkiye
THE EFFECT OF VARNISHES MODIFIED WITH DIFFERENT NANO MATERIALS ON COLOUR DESIGN IN WOOD MATERIALS	Cancu ÖZDER Musa ATAR	Gazi University, Ankara, Türkiye
INCREASING EFFICIENCY IN ENERGY COLLECTION AND STORAGE	Elsever JAFARLI	Mingachevir State University, Azerbaijan
POSSIBILITIES OF USING ALTERNATIVE ENERGY (ENVIRONMENTAL HARM OF THERMAL POWER PLANTS)	Mahir ISMAILOV	Mingachevir State University, Azerbaijan
FACTORS INFLUENCING THE REGULATION OF SPEED REGIMES	Qaragoz KARİMOV	Mingachevir State University, Azerbaijan
INCREASING THE CAPACITY OF ELECTRICAL TRANSMISSION LINES	Saadat SHIKHALIYEVA	Mingachevir State University, Azerbaijan
GREEN CONCEPT IN KARABAKH: ECOLOGICAL VIEW AND SOLIDARITY TRENDS FOR A HEALTHY FUTURE	Aytac CAVADOVA Fəridə HƏSƏNLI	Mingachevir State University, Azerbaijan

**FACE TO FACE (HALL -3 (205))**

**17.04.2024**

**Moderator: Dr. Rovshan BABAYEV**

**Address: Mingachevir State University**

**Baku Local Time: 14:00 – 16:00**

TITLE	AUTHOR(S)	AFFILIATION
REMOTE DETECTION OF MECHANICAL FAULTS IN REFRIGERATION SYSTEMS USING MACHINE LEARNING ALGORITHMS	Ferzan KATIRCIOĞLU Zafer CİNGİZ	Düzce University, Düzce, Türkiye
THE SOLUTION OF NON-STANDARD EQUATIONS	Vaqif ABDULLAYEV Sabir BABUŞOV Əfsanə MÜRSƏLOVA	Mingachevir State University, Azerbaijan
THE ROLE OF PROBLEM SOLVING IN INCREASING COGNITIVE ACTIVITY IN MATHEMATICS CLASSES	İradə MƏMMƏDOVA	Mingachevir State University, Azerbaijan
NUMERICAL DIFFERENTIATION AND INTEGRATION OF THE INTERPOLATION POLYNOMIAL	Mehman RƏSULOV Sahib MUSTAFAYEV	Mingachevir State University, Azerbaijan
ON SOME ESTIMATES FOR THE NORM OF INTERMEDIATE DERIVATIVE OPERATORS	Malakhat ISMAILOVA Mehemmed MAMEDOV	Mingachevir State University, Azerbaijan
“HAMARLIQ GÖSTƏRİCİLƏRİ” 2n SAYDA OLAN ÜMUMİLƏŞMİŞ SOBOLEV – MORRİ FƏZASI	Rövşən BABAYEV	Mingachevir State University, Azerbaijan
SOLVING A CLASS BOUNDARY PROBLEM	Sariya ALLAHVERDIYEVA	Mingachevir State University, Azerbaijan
FORMATION OF STUDENTS' DIVERGENT SKILLS IN THE PROCESS OF MATHEMATICS EDUCATION	Tofiq ORUJOV	Mingachevir State University, Azerbaijan

**FACE TO FACE (HALL -4 (108))**

**17.04.2024**

**Moderator: Ass. Prof. Vugar MUSTAFAYEV**

**Address: Mingachevir State University**

**Baku Local Time: 14:00 – 16:00**

TITLE	AUTHOR(S)	AFFILIATION
INITIAL DIRECTIONS OF DEVELOPMENT OF GREEN ECONOMY IN THE REPUBLIC OF AZERBAIJAN	Liliya SULEYMANOVA Sveta BAKIROVA	Mingachevir State University, Azerbaijan
NUMERICAL INVESTIGATION OF THE EFFECT OF SOLAR AIR HEATER DESIGN ON HEAT TRANSFER	Eyup KOCAK	Cankaya University, Ankara, Türkiye
USE OF ENVIRONMENTALLY FRIENDLY NANOMATERIALS SYNTHESIZED WITH GREEN CHEMISTRY APPROACH IN THE FOOD INDUSTRY	Arzu MAMMADOVA Özkan ÖZDEN	İstanbul University, İstanbul, Türkiye
MODERNIZATION OF TRANSPORT INFRASTRUCTURE IN MEGA CITIES IN THE CONTEXT OF IMPLEMENTATION OF THE GREEN TRANSPORT CONCEPT	Elvin GASIMOV	Mingachevir State University, Azerbaijan
UI/UX DESIGN – AS A PROVIDER OF SUSTAINABLE DEVELOPMENT OF THE DIGITAL SOCIETY	Almaz ALIYEVA Asuda ABDURRAHMANOVA	Mingachevir State University, Azerbaijan
ŞƏHƏRLƏRİN İNKİŞAFINDA NƏQLİYYATIN ARTAN ROLU	Vüqar MUSTAFAYEV	Mingachevir State University, Azerbaijan

**Session-1, Hall-1**

**18.04.2024**

**Moderator: Lect. Dr. Seda Cansu Yeniğün**  
**Meeting ID: 851 7785 3338 / Passcode: 171817**  
**Baku Local Time: 11:00 – 13:00**  
**Ankara Local Time: 10:00 – 12:00**

Title	Author(s)	Affiliation
NONPHARMACOLOGICAL METHODS USED IN PAIN MANAGEMENT IN CYSTOSCOPY	Seda Cansu Yeniğün İlknur Özkan Seçil Taylan	Akdeniz University, Türkiye
BIBLIOMETRIC ANALYSIS OF STUDIES ON WORK STRESS IN THE FIELD OF NURSING IN THE LAST 10 YEARS	Seda Cansu Yeniğün İlknur Özkan Seçil Taylan	Akdeniz University, Türkiye
MEDICAL DEVICE-RELATED PRESSURE INJURY KNOWLEDGE OF TURKISH INTERNSHIP NURSING STUDENTS	Ülkü GÜNEŞ Esengül TOPAL ÇOLAK	Ege University, Türkiye
PNEUMONIA DUE TO NIVOLUMAB TREATMENT IN A PATIENT WITH UVEAL MELANOMAS: A CASE REPORT AND LITERATURE REVIEW	Ali Oğul Ali Alper Solmaz	Sağlık Bilimleri Üniversitesi Adana Şehir Eğitim ve Araştırma Hastanesi, Tıbbi Onkoloji Kliniği
USE OF CABAZITAXEL IN CASTRATION-RESISTANT PROSTATE CANCER: A SINGLE CENTER EXPERIENCE	Ali Oğul Ali Alper Solmaz	Sağlık Bilimleri Üniversitesi Adana Şehir Eğitim ve Araştırma Hastanesi, Tıbbi Onkoloji Kliniği
NURSING INTERVENTIONS BEFORE AND AFTER CATHETERISATION IN CHILDREN WITH ATRIAL SEPTAL DEFECT, VENTRICULAR SEPTAL DEFECT AND PULMONARY DUCTUS ARTERIOSUS	Mehmet BULDUK Ercan GÜNEŞ Veysel CAN	Van Yüzüncü Yıl University, Türkiye
TREATMENT MANAGEMENT OF NONVITAL TEETH WITH INCOMPLETE ROOT FORMATION	Büşra YÜKSEL	Trakya University, Türkiye
USE OF DIGITAL METHODS FOR MAXILLOFACIAL PROSTHETICS MANUFACTURING	Cenk Muallaoğlu Beyza Karadede Ünal	İzmir Katip Çelebi University, Türkiye
EFFECT OF VARIABLES OF SOCIODEMOGRAPHIC ON DISEASE MANAGEMENT SKILLS ON INDIVIDUALS WITH TYPE 1 AND TYPE 2 DIABETES RECEIVING INSULIN THERAPY	Gönül DÜZGÜN Gökşen POLAT Elif ÜNSAL AVDAL Funda SOFULU	İzmir Tınaztepe University, Türkiye

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**Session-1, Hall-2**

**18.04.2024**

**Moderator: Assist. Prof. Dr. Hakan BAYRAK**

**Meeting ID: 851 7785 3338 / Passcode: 171817**

**Baku Local Time: 11:00 – 13:00**

**Ankara Local Time: 10:00 – 12:00**

Title	Author(s)	Affiliation
INVESTIGATING OF FOUNDATION SYSTEMS IMPLEMENTED IN HISTORICAL BUILDINGS	Adem Doğangün Muneeb Jadallah Muhammed Şahin	Bursa Uludağ University, Turkey
ANALYSIS OF THE TIME-DOMAIN STRUCTURE-SOIL DYNAMIC INTERACTION	Soner Gencer Gülçin Tekin	Yıldız Teknik University, İstanbul, Türkiye
EFFECT OF WATER CURING REGIME ON THE MECHANICAL AND FRACTURE CHARACTERIZATION OF GEOPOLYMER CONCRETE	Hakan BAYRAK	Kafkas University, Kars, Türkiye.
SOLUTION OF COMPOSITE STRIP PLATES WITH LOCAL CURVATURE USING FINITE DIFFERENCES METHOD	Onur ÇINAR Zafer KÜTÜĞ	Yıldız Teknik University, İstanbul, Türkiye
ELDERLY AND DISABLED CARE IN SUSTAINABLE BUILDINGS	Hakan ÖZEN Enes ÖZEN	Sedef Savunma, Gaziantep, Türkiye. Hasan Kalyoncu University, Gaziantep, Türkiye

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**Session-1, Hall-3**

**18.04.2024**

**Moderator: Assist. Prof. Dr. Hatice ER**

**Meeting ID: 851 7785 3338 / Passcode: 171817**

**Baku Local Time: 11:00 – 13:00**

**Ankara Local Time: 10:00 – 12:00**

<b>Title</b>	<b>Author(s)</b>	<b>Affiliation</b>
USE OF RFID TECHNOLOGY IN TRANSFER OF LEATHER AND LEATHER PRODUCTS	Hatice ER Nuray Olcay IŞIK EMEKSİZ Ertan EROL	Tekirdağ Namık Kemal University, Tekirdağ, Türkiye
EVALUATION OF DUST CARRIED OUT THE MECHANICAL PROCESSES OF DOUBLE-FACE MANUFACTURING IN TERMS OF WORKER HEALTH AND SAFETY	Ertan EROL Nuray Olcay IŞIK EMEKSİZ Hatice ER	Tekirdağ Namık Kemal University, Tekirdağ, Türkiye
STARCH MODIFIED AESO BIOPOLYMER FILMS	Selma ÇUHADAR Ülkü SOYDAL	Selçuk University, Konya, Türkiye
THE PREPARATION AND CHARACTERIZATIONS OF ANTIBACTERIAL POLY (BUTYLENE SUCCINATE) (PBS) AND SODIUM CASEINATE (NACAS) BLENDS FOR PACKAGING APPLICATIONS	Mümine YILDIR Bedriye ÜCPİNAR DURMAZ Ayse AYTAC	Kocaeli University, Kocaeli, Türkiye Ege University, İzmir, Türkiye

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**Session-1, Hall-4**

**18.04.2024**

**Moderator: Irina-Ana DROBOT**

**Meeting ID: 851 7785 3338 / Passcode: 171817**

**Baku Local Time: 11:00 – 13:00**

**Ankara Local Time: 10:00 – 12:00**

Title	Author(s)	Affiliation
THE THERAPEUTIC EFFECTS OF DENIPLANT NUTRACEUTICALS ON THE GUT MICROBIOME IN PATIENTS WITH PSORIASIS	Major Gheorghe GIURGIU, Prof dr med Manole COJOCARU	Deniplant-Aide Sante Medical Center, Biomedicine, Bucharest, Romania Titu Maiorescu University, Faculty of Medicine, Bucharest, Romania
THE EFFECTS OF EXERCISE TRAINING WITH BLOOD FLOW RESTRICTION ON LOWER EXTREMITY MUSCLE STRENGTH AND BALANCE	Onur TURAN Filiz CAN	İstanbul Atlas University, İstanbul, Türkiye Hacettepe University, Ankara, Türkiye.
EXPLORING THE INTERPLAY OF SEDENTARY LIFESTYLE, DIETARY CHOICES, OBESITY, AND TYPE 2 DIABETES	Ayesha Ghias Aisha Ghulam Mustafa M. Huzaifa Ali Mishal Shoaib Dar Fareeha Nawab	Hajvery University, Lahore, Punjab, Pakistan
EXPLORING THE BIOLOGICAL ACTIVITY OF CAROTENOIDS AS PROMISING NATURAL ACHE INHIBITORS IN THE TREATMENT OF ALZHEIMER'S DISEASE	Meriem Khedraoui, El Mehdi Karim, Hassan Nour, Abdelkbir Errougui, Samir Chtita	Hassan II University of Casablanca, Casablanca, Morocco
PASOORI - THE PAKISTANI "FLOWER-BOMB" THAT WIPED OUT THE DIVISIONS AND UNITED THE PEOPLE OVER THE GLOBAL CYBERSPACE. SOME TRENDS AND PSYCHOLOGICAL NOTES	Andrey Popatanasov, Elitsa Petrova	Sofia University, Sofia, Bulgaria
ADAPTATIONS OF FREUD'S PSYCHOANALYSIS: TOWARDS OTHER DOMAINS AND TOWARDS POPULAR SCIENCE	Irina-Ana DROBOT	Technical University of Civil Engineering Bucharest, Romania
THE SHORT REVIEW ON THE LIVER DISEASE IN PREGNANCY	J. Yeshwanth, S. Kalaivanan	Bharath Institute Of Higer Education And Research

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**Session-1, Hall-5**

**18.04.2024**

**Moderator: Fr. Baiju Thomas**

**Meeting ID: 851 7785 3338 / Passcode: 171817**

**Baku Local Time: 11:00 – 13:00**

**Ankara Local Time: 10:00 – 12:00**

Title	Author(s)	Affiliation
A SURVEY ON TICKS AND TICK-BORNE PARASITES IN CATTLE SLAUGHTERED AT JEGA ABATTOIR, KEBBI STATE, NIGERIA	Isyaku Nike Tawakaltu, Suleiman Jafaru, Muawuya Ibrahim, Tolulope James	Kebbi State University of Science and Technology, Aleiro, Kebbi State, Nigeria Sokoto State University, Sokoto State, Nigeria
PROMOTING BUDDHIST FOOD ETHICS FOR GLOBAL SUSTAINABILITY: A CRITICAL REVIEW STUDY	Fr. Baiju Thomas	Ramakrishna Mission Vivekananda Educational and Research Institute
HARNESSING MATHEMATICS FOR ENHANCED CROP PRODUCTION AND SUSTAINABILITY IN AGRICULTURAL BIOTECHNOLOGY: EMPIRICAL INSIGHTS BIOTECHNOLOGY	DEEPIKA D DIVYA SHRI S SUGANTHI P	R.M.K. Engineering College
MULTI-CRITERIA DECISION MODELS FOR OPTIMAL ECOSYSTEM-BASED MANAGEMENT ASSESSMENT	Sikirulai Abolaji AKANDE, Ibrahim ISAH, Almusbahu ABDULRAHIM, Olufemi Adesola ADEDAYO	Federal University of Technology, Minna, Nigeria University of Massachusetts, United States
EXPLORING PROXIMITY: A GROWTH DRIVING CIRCUIT IN RESPONSE TO CHANGING CONSUMER PREFERENCES IN THE RETAIL SECTOR	Nahide DAKHCH, Fatiha BENAMAR	Ibn Tofail University, ENCG, Kénitra, Morocco
EVALUATION OF GROUNDWATER QUALITY IN SOME AREAS NEAR THE BAHR AL-NAJAF / IRAQ	Zainab Hussain Abdulshaheed, Mohanad Hazim Halboos	University of Kufa, Najaf, Iraq
MARKER ASSISTED SELECTION IN BIOFORTIFICATION THROUGH CROP BREEDING	PRITHIVIRAJ K AJAYDESOUZA V SIVASURIYAN K KATHIRAVAN P GUNASEKAR G	Annamalai University

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**Session-2, Hall-1**

**18.04.2024**

**Moderator: Assoc. Prof. Dr. Türkay AKBAŞ**  
**Meeting ID: 851 7785 3338 / Passcode: 171817**  
**Baku Local Time: 13:30 – 15:30**  
**Ankara Local Time: 12:30 – 14:30**

Title	Author(s)	Affiliation
GLOBAL WARMING IN THE CONTEXT OF WOMENS HEALTH	Mihriban ULUCAN Özlem DOĞAN YÜKSEKOL	Fırat University, Turkey Bozok University, Turkey
PSYCHOSOCIAL FACTORS AFFECTING PARENTS USE OF COMPLEMENTARY AND ALTERNATIVE TREATMENTS IN CHILD HEALTH	Gamze YÜKSEKOL Mikail ABDİOĞLU Mihriban ULUCAN	Bartın University, Turkey Fırat University, Turkey
SERUM FOLATE LEVELS IN CHRONIC OBSTRUCTIVE PULMONARY DISEASE PATIENTS ADMITTED TO THE INTENSIVE CARE UNIT DUE TO ACUTE RESPIRATORY FAILURE	Türkay AKBAŞ	Düzce University, Düzce, Türkiye
PERIOPERATIVE PAIN MANAGEMENT IN CATS AND DOGS: PREVENTIVE ANALGESIA	Eylem BEKTAŞ BİLGİÇ	İstanbul University - Cerrahpaşa, İstanbul, Türkiye
EFFECTS OF USING PLANT EXTRACTS IN EDIBLE FILM AND COATINGS	Tuba BÜYÜKSİRİT BEDİR	Hitit University, Çorum, Türkiye

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**Session-2, Hall-2**

**18.04.2024**

**Moderator: Assist. Prof. Dr. Muhammed ARSLAN**

**Meeting ID: 851 7785 3338 / Passcode: 171817**

**Baku Local Time: 13:30 – 15:30**

**Ankara Local Time: 12:30 – 14:30**

Title	Author(s)	Affiliation
REVIEW OF CARGO DRONE DESIGN AND CAPABILITIES	Enes ÖZEN Tuğrul OKTAY	Hasan Kalyoncu University, Gaziantep, Türkiye Erciyes University, Kayseri, Türkiye
DETERMINATION OF THE VARIATION OF ABSORPTION ENERGY AND DAMAGE AREA IN THICK LAYERED COMPOSITES UNDER DROP WEIGHT IMPACT LOADING BY MODELLING THE SYMMETRY OF THE FULL MODEL	Furkan BAŞOĞLU Mustafa Özgür BORA Ender Can YAKAR	Kocaeli University, Kocaeli, Türkiye
THERMODYNAMIC AND THERMOECONOMIC ANALYSIS AND MULTI-DIMENSIONAL OPTIMIZATION WITH DIFFERENT OPTIMIZATION METHODS OF AFYON BIOGAS POWER PLANT MULTI-HYDROGEN PRODUCTION PROCESS	Muhammed ARSLAN	Afyon Kocatepe University, Afyon, Türkiye
IMPROVEMENT OF THE THERMAL PERFORMANCE OF ELECTRONIC POWER ELEMENTS ON A CIRCUIT BOARD USING COMPUTATIONAL FLUID DYNAMICS	Osman Bedrettin KARATAŞ Kemal Furkan SÖKMEN	Bursa Teknik University, Bursa, Türkiye
DEVELOPING A COMPUTATIONAL FLUID DYNAMICS SOLVER BY RESIDUAL-BASED VARIATIONAL MULTISCALE METHOD FOR LID-DRIVEN CAVITY FLOW WITH VARIOUS OBSTACLE CONFIGURATIONS	İsmail HOŞ Levent AYDINBAKAR	Bursa Teknik University, Bursa, Türkiye
INVESTIGATION OF THE RHEOLOGICAL PROPERTIES OF MIXTURES MADE WITH SILICA TAILINGS IN TERMS OF PASTE MATERIAL	Serkan TÜYLÜ Deniz ADIGÜZEL İsmail DEMİR	İstanbul University- Cerrahpaşa, İstanbul, Türkiye
EVALUATION OF THE STRENGTH EFFECTS OF BORON AND SILICA MINING TAILINGS SUBSTITUTED IN CONCRETE IN TERMS OF POLLUTION AND PARTICLE SURFACE CHARGES	Deniz ADIGÜZEL Serkan TÜYLÜ İsmail DEMİR	İstanbul University- Cerrahpaşa, İstanbul, Türkiye

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**Session-2, Hall-3**

**18.04.2024**

**Moderator: Lect. Süleyman Emre DAĞTEKE**

**Meeting ID: 851 7785 3338 / Passcode: 171817**

**Baku Local Time: 13:30 – 15:30**

**Ankara Local Time: 12:30 – 14:30**

Title	Author(s)	Affiliation
A QUASI IMPEDANCE SOURCE INVERTER BASED PV-BATTERY ASSISTED RESIDENTIAL NANO-GRID	Melike Esen GÜNGÖR Mehmet ÖZDEMİR	Fırat University, Elazığ, Türkiye
ESTIMATION OF HARMONICS IN ON-GRID PV POWER SYSTEMS WITH MACHINE LEARNING	Süleyman Emre DAĞTEKE Sencer ÜNAL Musab COŞKUN	Fırat University, Elazığ, Türkiye. Bingöl University, Bingöl, Türkiye.
DETECTION AND ELIMINATION OF HARMONICS IN SOLAR POWER PLANT GRID INTEGRATION	Süleyman Emre DAĞTEKE Sencer ÜNAL	Fırat University, Elazığ, Türkiye.
PEDESTRIAN DETECTION IN THERMAL CAMERA IMAGES FOR ADVANCED DRIVER ASSISTANCE SYSTEMS	Çağla ERDEM ÖZTAŞ Sencer ÜNAL	Fırat University, Elazığ, Türkiye
PERFORMANCE ANALYSIS OF CHAOTIC INITIALIZED ADAPTIVE HARRIS HAWKS OPTIMIZATION ALGORITHM AND ITS APPLICATION IN MULTI-LEVEL THRESHOLDING	Fatmanur ŞERBET Turgay KAYA	Munzur University, Tunceli, Türkiye Fırat University, Elazığ, Türkiye

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**Session-2, Hall-4**

**18.04.2024**

**Moderator: Dr. Ghanshyam Barman**

**Meeting ID: 851 7785 3338 / Passcode: 171817**

**Baku Local Time: 13:30 – 15:30**

**Ankara Local Time: 12:30 – 14:30**

Title	Author(s)	Affiliation
APPLICABILITY WITH BENEFITS OF ARTIFICIAL INTELLIGENCE ( AI) AMONG HEALTHCARE WORKERS IN A TERTIARY HOSPITAL IN EDO NORTH SENATORIAL ZONE, EDO STATE	Efegbere, Henry Akpojubaro, Eze Tochukwu Hyacinth, Tabowei Benjamin, Olufunke Onaadebo, Akpojisheri Erhuvwu, Obataze Akpoyovwere, Alenoghena O. Innocent	Edo State University Uzairue, Edo State, Nigeria Global Community Health Foundation, Nigeria Cashville Development Foundation, Nigeria International Centre of Inter-professional Team Building, Nigeria The Brethren Ministry International International College of Health Sciences and Technology LTD International College of Technology LTD Pan-Global College of Nursing Sciences LTD Nnamdi Azikiwe University Nnewi Campus Niger Delta University Amasomma, Bayelsa State, Nigeria University of Rwanda Ambrose Ali University Ekpoma, Edo State, Nigeria
VISION X	Sanjay.B, Shaik Arshad, Lohith,Pavankumar Reddy, Lalitha Ramachandran	R.M.K. Engineering College, Thiruvallur, India
DISCRETE MATHEMATICS FOR ROBUST TELECOMMUNICATION SYSTEMS: ERROR CORRECTION AND DATA COMPRESSION PROJECT	P R Ashwin Karthikeyan Lalitha Ramachandran	R.M.K. Engineering College
STATISTICAL METHODS FOR ENVIRONMENTAL IMPACT ASSESSMENT: QUANTIFYING CHANGES AND PREDICTING IMPACTS	P R Ashwin Karthikeyan Suganthi P, Lalitha Ramachandran	R.M.K. Engineering College
NEW TECHNOLOGIES RESHAPING THE NEWS MEDIA LANDSCAPE AT EQUILIBRIUM	Dr. Ghanshyam Barman	C G P I T, UkaTarsadia University, India
TRAFFIC FLOW OPTIMIZATION FOR INTELLIGENT TRANSPORTATION SYSTEMS	M.Brijesh, Balapriyan.R, Lalitha Ramachandran	R.M.K. Engineering College, Thiruvallur, India
BAYESIAN NETWORK MODEL FOR MODELLING COVID-19 IN ALBANIA	Klodiana Bani Ornella Gordani	University of Tirana

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**Session-2, Hall-5**

**18.04.2024**

**Moderator: Dr. Binyam Zigta**

**Meeting ID: 851 7785 3338 / Passcode: 171817**

**Baku Local Time: 13:30 – 15:30**

**Ankara Local Time: 12:30 – 14:30**

Title	Author(s)	Affiliation
EXPLORING THE IMPACT OF VISUAL AIDS ON MATHEMATICAL LEARNING: A GRAPHIC DESIGN PERSPECTIVE FOR EDUCATION ENHANCEMENT	Ajayi, Olayemi T.	Lead City University, Ibadan, Oyo State, Nigeria
BOOLEAN ALGEBRA	G.KUSHAL, AKSHAY JILLA, K.SRAVAN	R.M.K. Engineering College, India
NUMERICAL STUDY OF PHYSIOLOGICAL BLOOD FLOW WITH STRETCHING CAPILLARY ON MHD MICROPOLAR FLUID	Dr. Binyam Zigta	Wachemo University, Ethiopia
SIMULATION-BASED STUDY OF SILVER NANOSTRUCTURES FOR HYPERTHERMIA TREATMENT IN CANCER VIA FINITE ELEMENT ANALYSIS	Tanzeela Asghar, Abdul Ghaffar, Muhammad Yasin Naz, Shazia Shukrullah	University of Agriculture Faisalabad, 38040, Pakistan
MODELING AND SIMULATION OF THE DOUBLE FED INDUCTION MACHINE FOR BOTH MOTOR AND GENERATOR OPERATING MODES	Mohammed OUINTEN, Riyadh ROUABHI, Abdelghafour HERIZI, Bachir BENDJAÏMA, Abdelmoumin Ouali	Mohamed Boudiaf University of M'sila, Algeria
QUANTILE REGRESSION ANALYSIS ON THE NEW UNIT NADARAJAH AND HAGHIGHI DISTRIBUTION	Ayesha Siddique, Farrukh Jamal, Abdus Saboor, Shakaiba Shafiq	Kohat University of Science and Technology, KPK, Pakistan The Islamia University of Bahawalpur, Bahawalpur, Pakistan
DESIGN OF A HEARING PROTECTOR WITH SUPPRESSION OF DOMINANT NOISES	Abdelghafour HERIZI Ahcene ABED Abdelhafid BENYOUNES	University MOHAMED BOUDIAF, Algeria
TURMERIC FARMERS AND THEIR MASS MEDIA EXPOSURE LEVEL IN DHARMAPURI DISTRICT OF TAMIL NADU IN INDIA	Arunkumar R, C. Dhivya	Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu, India.

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**Session-3, Hall-1**

**18.04.2024**

**Moderator: Lect. Muhammed KARA**

**Meeting ID: 851 7785 3338 / Passcode: 171817**

**Baku Local Time: 16:00 – 18:00**

**Ankara Local Time: 15:00 – 17:00**

Title	Author(s)	Affiliation
A SURVEY OF INTRUSION DETECTION SYSTEMS AND COMPARATIVE ANALYSIS	Dilek BİRİNCİ İsa AVCI	Karabük University, Türkiye
CUSTOMER BEHAVIOR ANALYSIS WITH BIG DATA ANALYTICS	Muhammed KARA Yüksel TERZİ Mehmet Ali CENGİZ	OMÜ, Samsun, Türkiye
VGG-19 MULTICLASS MODEL FOR OVARIAN CANCER CLASSIFICATION FROM HISTOPATHOLOGIC IMAGES	Hazal PARLAK Burakhan ÇUBUKÇU	Bilecik Şeyh Edebali University, Bilecik, Türkiye
RAPID ASSISTANCE IN EARTHQUAKES: FINDING THE SHORTEST PATH USING THE DIJKSTRA ALGORITHM	Elif AYDIN Cem ÖZKURT	Sakarya Uygulamalı Bilimler University, Sakarya, Türkiye Yapay Zeka ve Veri Bilimi Uygulama ve Araştırma Merkezi, SUBÜ
MAQNIT REZONANS ANGIOGRAFIYA	Ruslan Əliyev	Əziz Əliyev adına Azərbaycan Həkimləri Təkmilləşdirmə İnstitutu

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**Session-3, Hall-2**

**18.04.2024**

**Moderator: Assoc. Prof. Dr. Hasan Hüseyin Ökten**

**Meeting ID: 851 7785 3338 / Passcode: 171817**

**Baku Local Time: 16:00 – 18:00**

**Ankara Local Time: 15:00 – 17:00**

Title	Author(s)	Affiliation
ON COFINITELY $r$ -SUPPLEMENTED MODULES	Celil Nebiyev Hasan Hüseyin Ökten	Ondokuz Mayıs University, Samsun, Türkiye Amasya University, Amasya, Türkiye
ON WEAKLY $R$ -SUPPLEMENTED MODULES	Celil Nebiyev Hasan Hüseyin Ökten	Ondokuz Mayıs University, Samsun, Türkiye Amasya University, Amasya, Türkiye
REGULARITY PROPERTIES OF NONLOCAL GINZBURG-LANDAU TYPE EQUATIONS AND APPLICATIONS	Veli B. Shakhmurov	Antalya Bilim University, Antalya, Turkey
ON AMPLY $r$ -SUPPLEMENTED MODULES	Celil Nebiyev Hasan Hüseyin Ökten	Ondokuz Mayıs University, Samsun, Türkiye Amasya University, Amasya, Türkiye
PHASE-SPACE ANALYSIS OF TUMOR GROWTH WITH AN IMMUNE RESPONSES	Aida Sahmurova Veli Shakhmurov	Antalya Bilim University, Antalya, Turkey
$r$ -SMALL ELEMENTS IN LATTICES	Narmin Bayat Celil Nebiyev	Ondokuz Mayıs University, Samsun, Türkiye

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**Session-3, Hall-3**

**18.04.2024**

**Moderator: Dr. Hummet K. Musaev**

**Meeting ID: 851 7785 3338 / Passcode: 171817**

**Baku Local Time: 16:00 – 18:00**

**Ankara Local Time: 15:00 – 17:00**

Title	Author(s)	Affiliation
NONLOCAL QUASILINEAR ELLIPTIC EQUATIONS IN WEIGHTED SPACES	Hummet K. Musaev	Baku State University, Baku, Azerbaijan
ÇOXÖLÇÜLÜ ZOLAQDA DALĞA TƏNLİYİ ÜÇÜN ZAMANA GÖRƏ TÖRƏMƏ SƏRHƏD ŞƏRTİNƏ DAXİL OLAN QARIŞIQ MƏSƏLƏNİN HƏLLİNİN $t \rightarrow +\infty$ OLDUQDA TƏDQIQI	Seymur Süleymanov	ADPU
THE CAUCHY PROBLEM FOR PARABOLIC NONLOCAL DIFFERENTIAL OPERATORS EQUATIONS	Hummet K. Musaev Aytac A. Nabieva	Baku State University, Baku, Azerbaijan
STEM IN MATHEMATICS TEACHING – MATHEMATICAL MODELING IMPACT ON PROBLEM SOLVING AND MODELING SKILLS	Aynurə Binnətova Bəhman Məmmədov Nərmin Mənsimova	Bakı Slavyan Universiteti
INTEGRATION OF ALGEBRA AND GEOMETRY: RELATIONSHIPS BETWEEN ALGEBRAIC EXPRESSION, GEOMETRIC FIGURE, AND GEOMETRIC SPACE, IN THE EXAMPLE OF A STRAIGHT LINE AND A RAY	Aynurə Binnətova Bəhman Məmmədov Şəfəq Yaqubova	Bakı Slavyan Universiteti

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**Session-3, Hall-4**

**18.04.2024**

**Moderator: Abubakar Muhammad Sani**

**Meeting ID: 851 7785 3338 / Passcode: 171817**

**Baku Local Time: 16:00 – 18:00**

**Ankara Local Time: 15:00 – 17:00**

Title	Author(s)	Affiliation
TECHNOLOGICAL STUDY AND DIELECTRIC PROPERTIES OF LIZARDITE-BASED CERAMICS	Youssef ARKAME, Achraf HARRATI, Abdeslam EL BOUARI, Chaouki SADIK	Hassan II University of Casablanca, Casablanca, Morocco
ELECTRODEPOSITION OF Ni <sub>x</sub> CO <sub>3</sub> O <sub>4</sub> /NF ELECTRODE AS A HIGHLY EFFICIENT AND ULTRA-STABLE CATALYST FOR HYDROGEN EVOLUTION AND OXYGEN EVOLUTION REACTION	Muhammad Shoaib, Muhammad Yasin Naz, Shazia Shukrullah, Ning Wang, Rishmail Saleem, Bilal Shoukat	University of Science and Technology Beijing, China University of Agriculture Faisalabad, Pakistan
COMPARATIVE STUDY: SIMULTANEOUS UTILIZATION OF MICROBIAL FUEL CELLS FOR ELECTRICITY GENERATION AND WASTEWATER TREATMENT	Siham ELMAZOUZI, H. Mabrak, F. Allali, A. Zourif, A. Salim, Y. Ghandi, I. Zerdani, N. Touach, A. Benzaouak, Y. Naimi	Hassan II University of Casablanca, Morocco Mohammed V University in Rabat, Morocco
ANALYSIS OF THERMAL RADIATION AND OHMIC HEATING EFFECTS ON THE ENTROPY GENERATION OF MHD WILLIAMSON FLUID THROUGH AN INCLINED CHANNEL	Amine El Harfouf, Sanaa Hayani Mounir, Abderrahim Wakif	Sultan Moulay Slimane University, Morocco. Hassan II University, Morocco
HYDROGEN GENERATION VIA SOLAR PHOTOELECTROCHEMICAL METHODS EMPLOYING DYE SENSITIZERS	Wadiae EL BAHRAMI, Hassan MABRAK, IMANE BOUMANCHAR, YOUSSEF NAIMI	Hassan II University of Casablanca, Morocco
DEVELOPMENT AND CHARACTERIZATION OF COMPOSITE NANOFILTRATION MEMBRANES BASED ON POLYSULFONE MECHANICAL AND RHEOLOGICAL CHARACTERIZATION AND STUDY OF THE EFFECT OF TiO <sub>2</sub> NANOPARTICLES	Boubekeur Razika, Hadjou Belaid Zakia, Abdoune Fatima Zohra	Université de Tlemcen, Algérie
ISOLATION, IDENTIFICATION AND ANTIBIOTIC RESISTANCE PATTERN OF BACTERIA IN HERBAL MIXTURE SOLD IN JEGA METROPOLIS, KEBBI STATE, NIGERIA	Abubakar Muhammad Sani, Muhammad S.M	KSUST, Nigeria
TURMERIC FARMERS AND THEIR MASS MEDIA EXPOSURE LEVEL IN DHARMAPURI DISTRICT OF TAMIL NADU IN INDIA	Arunkumar R, C. Dhivya	Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu, India.

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