



INTERNATIONAL CONGRESS ON ADVANCED RESEARCH AND APPLICATIONS

December 01-02, 2023 / Sivas, Türkiye

CONGRESS PROGRAM



Meeting ID: 862 1528 3413

Passcode: 010101

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- ❖ Moderator is responsible for the presentation and scientific discussion (question-answer) section of the session.

Points to Take into Consideration - TECHNICAL INFORMATION

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exp. Hall-1, Seda BEYAZ

OPENING CEREMONY

01.12.2023

ANKARA LOCAL TIME

10:00 – 10:30

Prof. Dr. Mehmet ŞİMŞİR

Sivas Cumhuriyet University

CONGRESS CHAIR

Dr. Mustafa Latif EMEK

President of IKSAD Institute

Prof. Dr. Alim YILDIZ

Rector of Sivas Cumhuriyet University

CONGRESS HONORARY CHAIR

KEYNOTE SPEECHES

01.12.2023

ANKARA LOCAL TIME

10:30 – 12:00

Prof. Dr. Tayfur Öztürk

Middle East Technical University, Türkiye

“Hydrogen as an integrator of renewable energy into existing energy system-A materials perspective”

Prof. Dr. Petre Nadirashvili

Georgian Technical University, Georgia

“Road Infrastructure for Tourism Improvement for the Kazbegi Region in Georgia”

Prof. Dr. Yusuf Kaynak

Marmara University, Türkiye

“Eklemeli İmalatta Ardıl İşlem Uygulamaları”

Session-1, Hall-1

01.12.2023

Moderator: Prof. Dr. Ayten Ateş

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 14:00 – 16:00

Title	Author(s)	Affiliation
INVESTIGATION OF SACULAR OTOLITH MASS ASYMMETRY IN <i>SPICARA FLEXUOSUM</i> COLLECTED FROM MEDITERRANEAN SEA (TÜRKİYE)	Semra SAYGIN Dijle AKMERMER	Ondokuz Mayıs University, Samsun, Türkiye
SPATIAL VARIATIONS IN OTOLITH MASS ASYMMETRY OF <i>SPICARA SMARIS</i> (LINNAEUS, 1758) SAMPLED FROM THE BLACK AND AEGEAN SEAS	Gülsimay İBİTÜRK Melek ÖZPİÇAK	Ondokuz Mayıs University, Samsun, Türkiye
EVALUATION OF THE EFFECTS OF DC POWER INCREASE AND LOSSES IN SOLAR POWER PLANTS	Abdullah BARLIK Özlem ONAY	Eskişehir Teknik University, Eskişehir, Türkiye
EFFECTS OF FUNGICIDE AGAINST <i>Botrytis cinerea</i> ISOLATES ON MYCELIAL GROWTH AND EXPRESSION OF <i>Bcgs5</i> GENE	Ebru DERELLİ TÜFEKÇİ Seçil AKILLI ŞİMŞEK Deniz ÇAKAR	Çankırı Karatekin University, Çankırı, Türkiye
IDENTIFICATION OF KEY GENES IN COLORECTAL CANCER BASED ON INTEGRATED BIOINFORMATICS ANALYSIS	Esen ÇAKMAK	KSU, SHMYO, Kahramanmaraş, Türkiye
SPECTROSCOPIC TRACE ELEMENT ANALYSIS IN BIOLOGICAL SAMPLES	Dilara ÜLGER ÖZBEK	Sivas Cumhuriyet University, Sivas, Türkiye
ELEMENTAL CHARECTERISATION OF THE MEDICINAL PLANT <i>ALCHEMILLA MOLLIS</i>	Dilara ÜLGER ÖZBEK	Sivas Cumhuriyet University, Sivas, Türkiye
OPTIMIZING THE PRODUCTION OF <i>BRUCELLA ABORTUS</i> S-19 BACTERIA IN STEEL BIOREACTOR USING DIFFERENT CULTURE MEDIA	İbrahim Yaşar Bestoon SHEKHANY Ayşe GÜLLÜOĞLU Faruk SÜZERGÖZ	Harran University, Şanlıurfa, Turkey. Erbil Polytechnic University, Erbil, Iraq
PRODUCTION OF BIOCHAR AND APPLICATIONS FOR SUPERCAPACITORS FROM VARIOUS PLANT SOURCES	Ayten ATEŞ	Sivas Cumhuriyet University, Sivas, Türkiye

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

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Session-1, Hall-2

01.12.2023

Moderator: Assoc. Prof. Dr. Mehmet Hanifi DOĞRU

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 14:00 – 16:00

Title	Author(s)	Affiliation
A STUDY ON THE PREPARATION OF WOODEN SLEEPERS FOR SERVICE	Mustafa DURSUNLAR Musa YILMAZ	Yozgat Bozok University, Yozgat, Türkiye
STEEL INDUSTRY PLANT LOCATION SELECTION WITH ANALYTIC HIERARCHY PROCESS (AHP) METHOD	Yasin KAYMAZ Gencay SARIŞIK	Harran University, Şanlıurfa, Türkiye
INVESTIGATION OF THE DAMAGE RESISTANCE OF LAMINATED COMPOSITES UNDER THE EXPLOSION	Mehmet Hanifi DOĞRU Fatih DEMİR Eyüp YETER	Gaziantep University, Gaziantep, Türkiye Erciyes University, Kayseri, Türkiye
LOW COST GRAPHITE AND CELLULOSE ACETATE COMPOSITE ANTISTATIC FILMS	Gülşen TAŞKIN Tuğba TABANLIGİL CALAM Türkan Şevval ÇOŞKUNER	Gazi University, Ankara, Türkiye
PREPARATION OF AN ELECTROCHEMICAL SENSOR FOR THE DETERMINATION OF LEAD (II) IN TAP WATER	Tuğba TABANLIGİL CALAM Gülşen TAŞKIN Özge BEKTAŞ	Gazi University, Ankara, Türkiye
ESTAŞ DOMESTIC AND NATIONAL NITRILE GLOVE PRODUCTION	Rahmi CANPOLAT Fatih ÖZAYDIN Esin AZGIN Bayram Can ATCIYURT Mehmet ŞİMŞİR Osman MAVUŞ Ebru YABAŞ	ESTAŞ Sivas Cumhuriyet University, Sivas, Türkiye

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Session-1, Hall-3

01.12.2023

Moderator: Assoc. Prof. Dr. Meryem GÖKSEL SARAÇ

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 14:00 – 16:00

Title	Author(s)	Affiliation
INVESTIGATING PRODUCT QUALITY IN POTATO CRISPING VIA HEAT TRANSFER	Oznur OZTUNA TANER	Aksaray University, Aksaray, Turkey
EFFECT OF TIMOL ON THE DEVELOPMENT OF AYRAN STARTERS	Fidan KILIÇ Özlem Pelin CAN	Sivas Cumhuriyet University, Sivas, Türkiye
NON-THERMAL PRESERVATION METHODS FOR MEAT AND PRODUCTS: PULSED LIGHT APPLICATIONS	Fidan KILIÇ Özlem Pelin CAN	Sivas Cumhuriyet University, Sivas, Türkiye
USE POSSIBILITIES OF DIFFERENT CEREAL FLOURS IN VEGAN MEATBALL PRODUCTION	Meryem GÖKSEL SARAÇ Tuğba DEDEBAŞ	Sivas Cumhuriyet University, Sivas, Türkiye Afyon Kocatepe University, Türkiye
EVALUATION OF COLD PRESS OIL WASTES	Tuğba DEDEBAŞ Meryem GÖKSEL SARAÇ	Afyon Kocatepe University, Türkiye Sivas Cumhuriyet University, Sivas, Türkiye
USE OF PLANT-BASED FOOD ADDITIVES IN FOODS	Nazife YIMAZ	Erzincan Binali Yıldırım University, Erzincan, Türkiye

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Session-1, Hall-4

01.12.2023

Moderator: Prof. Dr. Ebru ŞENADIM TÜZEMEN

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 14:00 – 16:00

Title	Author(s)	Affiliation
INVESTIGATION OF SHORT-RANGE ORDER IN Fe-Cr ALLOY BY MOLECULAR DYNAMICS SIMULATION USING THE VORONOI POLYHEDRON METHOD	Fatih Ahmet ÇELİK	Bitlis Eren University, Bitlis, Türkiye
INVESTIGATION OF LARGE EXTRA DIMENSIONS IN THE MUON COLLIDER	Salih Cem İNAN	Sivas Cumhuriyet University, Sivas, Türkiye.
PROBING THE SCALAR UNPARTICLES THROUGH THE PHOTON-PHOTON INTERACTION AT CLIC	Salih Cem İNAN	Sivas Cumhuriyet University, Sivas, Türkiye.
EXAMINATION OF ENERGY BAND GAPS OF GeO _x FILMS PRODUCED AT DIFFERENT OXYGEN FLOW RATES AND DIFFERENT ANNEALING TEMPERATURES USING THE KUBELKA MUNK METHOD	Şahide Gülizar KIZIL Ayfer ÖZDEMİR Ebru ŞENADIM TÜZEMEN	Sivas Cumhuriyet University, Sivas, Türkiye
DETERMINING DIODE PARAMETERS OF LASER PATTERNED DIODE WITH OXIDE LAYER	Makbule Burcu BALI Elanur DİKİÇİOĞLU Semran SAĞLAM Elif ORHAN	Gazi University, Ankara, Türkiye Yüksek İhtisas University, Ankara, Türkiye.
PATHOLOGICAL EXAMINATIONS IN BROILER BRAINS TO WHICH METHOMYL AND <i>SILYBUM MARIANUM</i> ARE ADDED TO THEIR FEED	Bahadır KILINÇ Ertan ORUÇ	Veteriner Kontrol Merkez Araştırma Enstitüsü Ankara Selçuk University, Konya, Türkiye

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Session-1, Hall-5

01.12.2023

Moderator: Prof. Dr. Yahya Kemal TÜR

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 14:00 – 16:00

Title	Author(s)	Affiliation
DENSIFICATION AND FRACTURE STRENGTH PROPERTIES OF Al ₂ O ₃ BASED ZrO ₂ and Sm ₂ O ₃ CONTAINING SANDWICH CERAMIC COMPOSITES	Tuğba ŞANLI Betül KAFKASLIOĞLU YILDIZ Elif İŞİK Yahya Kemal TÜR	Sivas Bilim ve Teknoloji University, Sivas, Türkiye Gebze Teknik University, Kocaeli, Türkiye
EVALUATION OF NITRATE HEAVY METALS POLLUTANTS REMOVAL RATE FROM ZARJOUR RIVER (IRAN) USING A WETLAND HYBRID SYSTEM	Maryam Varavipour	University of Tehran, Tehran, Iran
EVALUATION OF PHYTOREMEDIATION POTENTIAL AND YIELD OF HELIANTHUS ANNUUS UNDER SEWAGE SLUDGE APPLICATION	Elham Mohammadian, Maryam Varavipour	University of Tehran, Tehran, Iran
USING BIOCHARS MODIFIED WITH THIOUREA TO REDUCE THE IMPACT OF HARMFUL METAL POLLUTION AND ENHANCE THE GROWTH OF MUSTARD PLANTS (BRASSICA CAMPESTRIS) IN SOILS AFFECTED BY CONTAMINATION	Maria Taj	Jinnah University for Women
ASSESSMENT OF INDOOR MICROFLORA OF CARS	Vardhana Janakiraman, Thenmozhi Mani, N K Udaya Prakash	Vels Institute of Science Technology and Advanced Studies, Tamilnadu , India
FINITE ELEMENT ANALYSIS OF THE LIMB/SOCKET INTERFACE IN TRANSFEMORAL AMPUTEES	Mohammed El Sallah Zagane, Abdelmadjid Moulgada, A Sahli, Benkouachi Narimen	Université de Tiaret, Algeria Université de Sidi Bel Abbes, Algeria
3D-QSAR, ADME-TOX IN SILICO PREDICTION AND MOLECULAR DOCKING STUDIES FOR MODELING THE ANALGESIC ACTIVITY AGAINST NEUROPATHIC PAIN OF NOVEL NR2B-SELECTIVE NMDA RECEPTOR ANTAGONISTS	Mohamed El fadili, Mohammed Er-raiy, Hamada Imtara, Mohammed Kara, Sara Zarougui, Najla Altwaijry, Omkulthom M. Al kamaly, Aisha Al Sfouk and Menana Elhallaoui	Sidi Mohamed Ben Abdellah University, Fez, Morocco
ENERGY AND EXERGY ANALYSIS OF PHOTOVOLTAIC THERMAL SYSTEM (PV/T) ADDED TO ROOFS OF RESIDENCES	Okan KON İsmail CANER	Balıkesir University, Balıkesir, Türkiye

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Session-1, Hall-6

01.12.2023

Moderator: Dr. Vesna Karapetkovska - Hristova

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 14:00 – 16:00

Title	Author(s)	Affiliation
OVERVIEW OF CATTLE FARMING DYNAMICS AND BEEF PRODUCTION IN N. MACEDONIA	Daniel Simakoski	University "St. Kliment Ohridski", Faculty of Biotechnical Sciences - Bitola
OVERVIEW OF CATTLE FARMING DYNAMICS AND BEEF PRODUCTION IN N. MACEDONIA	Vesna Karapetkovska - Hristova	University "St. Kliment Ohridski", Faculty of Biotechnical Sciences - Bitola
INFLUENCE OF ROOTSTOCK ON THE BIOCHEMICAL CHARACTERIZATION OF APPLES (MALUS DOMESTICA L.)	Hassane Boudad, Atman Adiba, Anas Hamdani, Abdelfattah Goubi, Mentag Rachid, El Fazazi Kaoutar, Abdelmajid Haddioui, Jamal Charafi	National Intitute of Agricultural Research, Morocco University of Sultan Moulay Slimane, BP 523, Beni Mellal, Morocco
STRUCTURAL CHARACTERIZATION OF EXOPOLYSACCHARIDE FROM LEUCONOSTOC SPP AND ITS ANTI-ADHESIVE ACTIVITY ON AISI 316L	Mariem Zanzan, Youssef Ezzaky, Fatima Hamadi, Fouad Achemchem	Ibn Zohr University, Agadir, Morocco.
INTEGRATED APPROACH TO BAUCHEMIE AS A WAY TO HEALTHY BUILDINGS	Maryam Rasoolzadeh, Mohammadjavad Mahdavinejad	Tarbiat Modares University, Tehran, Iran
LEAF STRUCTURAL AND FUNCTIONAL MODIFICATION OF IPOMOEA CARNEA JACQ. AN INVASIVE PLANT SPECIES, UNDER DIVERSE SALINITY GRADIENT	Syeda Sabika Zahra Naqvi, Syed Mohsan Raza Shah, Laiba Hameed, Aiza Hanif, Amjad Hussain, Muhammad Imran Rafique, Muhammad Farooq, Iqra	University of Education, Lahore, Pakistan
INTEGRATION OF BACILLUS CEREUS AND COMPOST TYPES TO MODULATE THE SALINITY EFFECT ON THE GROWTH OF CUCUMBER (CUCUMIS SATIVA L.)	Iqra, Sammina MAHMOOD	University of Education, Lahore
STUDY THE EFFICIENCY OF THE NATUREL LAGOONS FOR TREATED WASTEWATER DURING SEASON PERIOD IN ARID CLIMATE (MOROCCO)	Ahmed Osmane, Khadija Zidan, Rabia Benaddi, Laila Mandi, Moustapha Belmouden	Laboratoire de chimie Organique et Chimie Physique (Chimie Fondamentale et appliquée), Morocco Cadi Ayyad University, Marrakech, Morocco

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Session-1, Hall-7

01.12.2023

Moderator: Sirhajwan Idek

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 14:00 – 16:00

Title	Author(s)	Affiliation
UTILIZATION OF LYSOZYME AS A FOOD ADDITIVE IN THE FOOD INDUSTRY	K.R.Padma K.R.Don	Sri Padmavati Mahila Visvavidyalayam (Women's University), Tirupati, AP. Bharath Institute of Higher Education and Research (BIHER) Bharath University, Chennai, Tamil Nadu, India
ALGAL OIL IMPORTANCE AND APPLICATIONS	Dr. Muhammad Imran	Government College University, Faisalabad, Pakistan
EASY GO DAB: A MAKEUP BRUSH POWERED BY ELECTRIC	Laetitia Anwen, Dielaila Ellysa	Keningau Vocational College, Cosmetology Department, Keningau, Sabah
DETECTION OF LUMPY SKIN DISEASE VIRUS IN BOVINE MILK, MEAT AND LIVER SAMPLES AND DETERMINATION OF THEIR SAFETY AND QUALITY	Iqra Saddique, Ali Ikram	The University of Lahore, Pakistan
EVALUATION OF THE IN VITRO ANTIFUNGAL ACTIVITY OF ESSENTIAL OILS OF ROSMARINUS OFFICINALIS, CITRUS AURANTIUM ET ORIGANUM MAJORANA ON THE MYCELIAL GROWTH OF PHYTOPHTORA PALMIVORA ET ALTERNARIA ALTERNATA	El-Hajjaji Chaymae, J.Deamani, S.Msairi	National Agency for Medicinal and Aromatic Plants, Taounate, Morocco Ibn Tofail University, Kenitra, Morocco
TEMPERATURE EFFECTS ON THE CORROSION INHIBITION OF MILD STEEL IN CRUDE OIL MEDIUM BY METHANOLIC EXTRACT OF PERSEA AMERICANA (AVOCADO TREE)	Wilson, Emmanuel Okon	Akwa Ibom State Polytechnic
EXAMINATION OF ESSENTIAL OILS EXTRACTED FROM PITURANTHOS AROMATIC PLANTS AND THEIR BIOACTIVE POTENTIAL	FRIH Bariza Mekhadmi Nourelhouda Melik Randa	Echahid Hamma lakhder University, Algeria. National Institute of Agronomic Research of Algeria, Algeria
BIOCHEMICAL VARIABILITY IN APPLES (MALUS DOMESTICA L.): JOINT IMPACT OF ROOTSTOCK AND VARIETY IN APPLE CULTURES	Hassane Boudad, Atman Adiba, Sara Najjari, Abdelfattah Goubi, Mentag Rachid, El Fazazi Kaoutar, Abdelmajid Haddioui, Jamal Charafi	National Intitute of Agricultural Research, Morocco University of Sultan Moulay Slimane, Morocco Sidi Mohamed Ben Abdellah University, Morocco
USE OF PHOSPHOGYPSUM IN AGRICULTURE AS AN AMENDMENT FOR DEGRADED SOILS AND AS FERTILIZER	M Barka Outbakat, Redouane Choukr-Allah, Moussa Bouray, Mohamed EL Gharous, Khalil EL Mejahed	Mohammed VI Polytechnic University, Benguerir, Morocco
PHOTOSYNTHETIC TRAITS OF RICE LANDRACES (ORYZA SATIVA L.) UNDER DROUGHT TOLERANCE	S.JeevaPriya, S.Vincent	Tamil Nadu Agricultural University, India
REDUCING THE CARBON FOOTPRINT IN AGRICULTURAL CROPS THROUGH THE USE OF SMART NITROGEN	Toader George, Ilie Leonard	Usamv Bucharest Aectra Agrochemicals Srl

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Session-1, Hall-1

02.12.2023

Moderator: Assoc. Prof. Dr. Fevzi Çakmak BOLAT

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 10:00 – 12:00

Title	Author(s)	Affiliation
INTEGRATION OF SPECTROSCOPIC DATA AND MACHINE LEARNING MODELS FOR RAPID CLASSIFICATION OF DAIRY PRODUCTS	Yeliz DURGUN Mahmut DURGUN	Tokat Gaziosmanpaşa University, Türkiye
NUMERICAL ANALYSIS OF SANDWICH STRUCTURES CONTAINING DIFFERENT TYPES OF AUXETIC CORE STRUCTURES	Fevzi Çakmak BOLAT	Kocaeli University, Kocaeli Turkey
PIEZOELECTRIC BASED ENERGY HARVESTING MODELING AND SIMULATION IN MATLAB/SIMULINK	Bartu Türkcan ÇETİN Fevzi Çakmak BOLAT	Kocaeli University, Kocaeli Turkey
DEVELOPMENT OF ELECTRONIC LEGAL INFORMATION MANAGEMENT SYSTEM DESIGN WITH MULTIPLE REGISTERED ELECTRONIC MAIL (REM) MODELS	Ahmet Gürkan YÜKSEK Mesut AĞKUŞ Ahmet Utku ELİK	Sivas Cumhuriyet University, Sivas, Türkiye Detaysoft
AN INNOVATIVE APPROACH TO IMPROVE THE GUIDANCE TRACKING METHODS OF AUTOMATED GUIDED VEHICLE (AGV) SYSTEMS WITH EXPERT SYSTEM APPROACHES	Ahmet Gürkan YÜKSEK Ahmet Utku ELİK Mesut AĞKUŞ	Sivas Cumhuriyet University, Sivas, Türkiye Detaysoft
SPECTRE! ANALYSIS OF ATTACKS AND DEFENSE MECHANISMS AGAINST TO SPECTRE	Hatice AKTAŞ AYDIN Gülay YALÇIN ALKAN	Sivas Bilim ve Teknoloji University, Sivas, Türkiye Abdullah Gül University, Kayseri, Türkiye
DESIGN OF ZONGULDAK BULENT ECEVIT UNIVERSITY FARABI CAMPUS INFORMATION SYSTEM AND SERVICE ON OPEN SOURCE WEB PLATFORM	Neslihan Zeynep KARABACAĞLU Aycan Murat MARANGOZ	Zonguldak Bülent Ecevit University, Zonguldak, Türkiye
WATER ABSORPTION MODELLING OF CERAMIC BODY USING GENETIC PROGRAMMING	Sencer SARI Ahmet CİHAN	Tbilisi State Academy of Art, Tbilisi, Georgia Düzce University, Düzce, Türkiye
DEVELOPMENT OF A REHABILITATION PROTOTYPE WITH COMPUTER AIDED AND SPATIAL ORIENTED VIRTUAL REALITY IN THE TREATMENT OF BALANCE LOSS OCCURRING DUE TO VESTIBULAR SYSTEM PROBLEMS IN HEARING IMPAIRED PEOPLE	Dr. Fzt. Seher EROL Umut ALTINKAYNAK	Ankara University, Ankara, Türkiye Gerçek Prosthesis And Orthosis, Ankara, Türkiye
CONTROL SIMULATION OF IRIS VALVE DESIGNED FOR BAGGING SCALES	Mine Şeyma BİLGİÇ Cemil KÖZKURT	YEMTAR MAKİNA San.Tic. A.Ş..Bandırma, Türkiye Bandırma Onyeddi Eylül University, Bandırma, Türkiye

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Session-1, Hall-2

02.12.2023

Moderator: Assoc. Prof. Dr. Gamze Bilgen

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 10:00 – 12:00

Title	Author(s)	Affiliation
INVESTIGATION OF LEONARDITE USAGE POTENTIAL IN STABILIZATION OF WEAK SOILS	Selman Kahraman İnan Keskin Amir Hosein Vakili Amir Hosein Vakili Ayhan Kocaman Nurullah Tatar	Karabük University, Karabük, Türkiye Zand Institute Of Higher Education, Shiraz, Iran
EXPERIMENTAL EVALUATION OF THE USABILITY OF RECYCLING WASTE FLY ASH IN SOIL IMPROVEMENT	Nurullah Tatar Selman Kahraman İnan Keskin	Karabük University, Karabük, Türkiye
INVESTIGATIONS ON CONSTRUCTION COST PARAMETER IN DEMOLITION-STRENGTHENING DECISIONS DUE TO INSUFFICIENT EARTHQUAKE PERFORMANCE OF BUILDINGS	Tarhan Tuğşah GÜLERDİ Özlem ÇALIŞKAN Kerem PEKER	Bilecik Seyh Edebali University, Bilecik, Turkey Erdemli Proje ve Müşavirlik Ltd. Şti, İstanbul, Türkiye
DETERMINATION OF THE ANCHOR LOCATION USING THE GEOPHYSICAL METHODS	Hande Türkoğlu Gamze Bilgen	Zonguldak Bülent Ecevit University, Türkiye
USE OF GEO-RADAR IN GROUND INVESTIGATIONS FROM A GEOTECHNICAL PERSPECTIVE	Murat Karadeniz Gamze Bilgen	Zonguldak Bülent Ecevit University, Türkiye
A METHODOLOGICAL FRAMEWORK FOR ANALYZING AND VISUALIZING URBAN CHANGE: A CASE STUDY OF MINSK, BELARUS	Fevzi DAŞ	Iğdır University, Türkiye
EVALUATING THE EFFECTS OF TWO EARTHQUAKES IN KAHRAMANMARAS ON BUILDINGS AND ROAD NETWORKS IN IMPACTED CITIES USING OPENSTREETMAP AND OPENAERIALMAP	Fevzi DAŞ	Iğdır University, Türkiye
EVALUATION OF DEEP SEA MINING IN TERMS OF ENVIRONMENT AND DEVELOPING TECHNOLOGY	Güzide KALYONCU ERGÜLER	Kütahya Dumlupınar University, Türkiye

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Session-1, Hall-3

02.12.2023

Moderator: Dr. Priya J

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 10:00 – 12:00

Title	Author(s)	Affiliation
THE PHILOSOPHY BEHIND AND NEED FOR GREEN BUILDINGS	Dr. Priya J Ms. Jaya Varsha E	CHRIST (Deemed to be University), Bangalore, Karnataka, India
GRANULATED SLAG FROM EL HADJAR AS AN ADDITIVE IN CONCRETE	Abderrahim GUETTECHE, Salah Eddine BENSEBTI, Mohamed Nacer GUETTECHE, Abdelhafid CHABANE	Université Constantine 1, Algérie
THE LINK BETWEEN LITERATURE AND ARCHITECTURE	Ms. Jaya Varsha E Dr. Priya J	CHRIST (Deemed to be University), Bangalore, Karnataka, India
THE URBAN TRANSPORTATION IN ALGERIA: CURRENT SITUATION AND PROSPECTS FOR SUSTAINABLE URBAN DEVELOPMENT, CASE OF ALGIERA	Prof. BAOUNI Tahar Dr. BABA SLIMANE Nour El Houda	High School of Architecture and Urban Planning (EPAU), Algeria
EXTRACTION OF CRYSTALLINE CELLULOSIC FIBERS FROM SOFT RUSH USING ALKALI-PERBORATE PRETREATMENT	Mona Benali, Abdellah Oulmekki, Jamil Toyir	Université Sidi Mohammed Ben Abdellah, Morocco
CHARACTERIZING THE THERMAL QUANTUM CORRELATIONS IN A TWO-SPIN XXX HEISENBERG MODEL IN THE CONTEXT OF HEITLER-LONDON APPROACH	Prof. Youssef Khedif	University Hassan II, P.O. Box 5366, Maarif, Casablanca 20100, Morocco
CONTRIBUTION TO THE ASSESSMENT OF FLOOD CONTROL MEASURES IN AN ANTHROPIZED VALLEY. THE CASE OF THE OURIKA VALLEY (HIGH ATLAS OF MARRAKECH, MOROCCO)	L'Arfouni, Ilham Algouti, Ah Algouti, Ab. Es-sadiq, R. Moujane, S	Cadi Ayyad University, Faculty of Sciences Semlalia, Department of Geology, BP 2390, 40 000, Marrakech, Morocco. Labo2GRNT

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Session-1, Hall-4

02.12.2023

Moderator: Moses Adeolu AGOI

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 10:00 – 12:00

Title	Author(s)	Affiliation
MODELLING THE PLASTIC VISCOSITY OF WATER BASED MUDS USING ARTIFICIAL NEURAL NETWORK	Engr. Kawu Yakubu Dr. Okorie E. Agwu Dr. Anietie N. Okon Engr. Dr. Hassan Ismail	Nigerian Building and Road Research, Institute, NBRRI zonal Office, Gombe, Gombe State, Nigeria University of Uyo, Faculty of Engineering, Chemical and Petroleum Engineering Department. Uyo, Akwalbom State, Nigeria Eyestone Investment Limited Lagos, Nigeria
MACHINE LEARNING FOR EARLY GLAUCOMA DETECTION: A COMPARATIVE ANALYSIS OF PREDICTIVE MODELS	Miss. Dipanwita Ghosh	Maulana Abul Kalam Azad University of Technology, India
EMPOWERING EDUCATION IN INDUSTRY 4.0: A CLOUD-BASED APPROACH FOR RURAL AND TRIBAL TRANSFORMATION	Vijay Kumar Pandey , Dr. Neeraj Rathore, Dr. Narayan P Bhosale	Indira Gandhi National Tribal University, India
DEEP LEARNING IN CONSERVATION BIOLOGY	Attila Barta	University of Debrecen
LINE FOLLOWER ALGORITHMS AND SENSOR STRATEGIES FOR SEAMLESS NAVIGATION	Adam Pachur	Gdynia Maritime University
DIGITALIZATION, SUSTAINABILITY AND CIRCULARITY IN MACHINE KNITTING	Alenka Pavko Čuden	University of Ljubljana, Ljubljana, Slovenia
THE EFFICACY OF INTELLIGENT TRANSPORTATION SYSTEM: IMPLICATION ON MODERN DAY ROAD TRAFFIC MANAGEMENT	Moses Adeolu AGOI Solomon Abraham UKPANA Oluwanifemi Opeyemi AGOI	Lagos State University of Education, Lagos Nigeria. Obafemi Awolowo University, Osun Nigeria

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Session-1, Hall-5

02.12.2023

Moderator: Dr. Kaïs Antar

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 10:00 – 12:00

Title	Author(s)	Affiliation
SYNTHESIS AND CHARACTERIZATION OF POLY-O-TOLIDINE USING ELECTROCHEMICAL, SPECTROSCOPIC, AND THERMOGRAVIMETRIC METHODS	Assala Marir, Mounia Guergouri	University of Constantine 1, Algeria
PROPERTIES OF ORYZA SATIVA A-AMYLASE: PRODUCTION OPTIMIZATION, KINETICS, STABILITY AND THERMODYNAMIC STUDIES	Austin I. Ugoh, Ozoemena E. Eje, Chinekwu S. Onoyima, Arinze L. Ezugwu, Ferdinand C. Chilaka	University of Nigeria, Nsukka, Enugu, Nigeria
BIMETALLIC Cu/Ag NANOPARTICLES WITH VARYING AG AS AN ANTIBACTERIAL AGENT	Mureed Shumaila Ikram Muhammad Ghaffar Rabia Irshad Muneeb Ghaffar Abdul	Government College University, Pakistan University of Education, Pakistan University of Engineering and Technology, Pakistan
THE AID OF CALORIMETRY FOR THE THERMOCHEMICAL AND KINETIC STUDY OF THE Σ -HOLE BONDING LEADING TO 12 AND 4-(DIMETHYLAMINO) PYRIDINE COMPLEXES IN SOLUTION AT 25°C	Kaïs Antar, Saoussen Wacharine-Antar, Mohamed Oussama Zouaghi, Youssef Arfaoui	University of Tunis El Manar, Tunisia
POTENTIAL ANTICANCER AND ANTIOXIDANT LAURIC ACID BASED HYDRAZONES SYNTHESIS AND COMPUTATIONAL SLANT TOWARDS THE ELECTRONIC PROPERTIES	Talha Mashhood, Dr. Muhammad Ibrahim, Dr. Akbar Ali	Government College University Faisalabad, Pakistan
COMPARATIVE STUDY ON PHYTOCHEMICAL SCREENING AND ANTIBACTERIAL ACTIVITY OF TAPINANTHUS LONGIFOLIA AND TAPINANTHUS GLOBIFERUS LEAVES EXTRACTS	Musa Halimatu Fago and Zainab Ahmad Muhammad	Umaru Musa Yar'adua University
SOL GEL SYNTHESIS, CHARACTERIZATION, CRYSTAL STRUCTURE, ELECTRONIC PROPERTIES AND MAGNETIC STUDIES OF $Al_2+xBi_xMn_{4-3x}O_7$ ($0.15 \leq x \leq 0.50$) NANOCOMPOSITES	K.Palanisamy, B.B.Das, K.Parthipan	Pondicherry University, Puducherry SIVET College
INTRODUCTION OF GRAPHENE OXIDE NANOSHEETS AND SILVER NANOPARTICLES ON POLYESTER FABRIC FOR THE DIP-CATALYTIC HYDROGENATION OF 4-NITROPHENOL	Ali Majdoub, Hicham Zaitan Imane El Mrabet Mohammed Majdoub Héctor Valdés	Sidi Mohamed Ben Abdellah University, Morocco Ibnou Zohr University, Ouarzazate, Morocco The University of Mississippi Universidad Catolica de La Santisima Concepcion, Concepcion, Chile
EXPLORING THE CORROSION INHIBITION ABILITY OF NEW QUINAZOLINE COMPOUND FOR COPPER IN 3.5% NaCl	Mohammed Oubahou, Mohamed Rbaa, Driss Takky, Youssef Naimi	Hassan II University of Casablanca, Morocco Ibn Tofail University, Morocco

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Session-2, Hall-1

02.12.2023

Moderator: Prof. Dr. Mehtap ERŞAN

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 12:30 – 14:30

Title	Author(s)	Affiliation
EFFECT of 3-AMINOPROPYL TRIETHOXY SILANE-SURFACE MODIFICATION of DIFFERENT TYPES of NANOSTRUCTURES on the JOİNT PERFORMANCE in ADHESIVE	İclal AVİNC AKPINAR	Erzurum Technical University, Erzurum, Turkey
DEVELOPMENT OF THE ANALYSIS METHOD FOR QUANTITATION OF PHARMACEUTICAL POMADE PREPARATIONS CONTAINING DIFLUCORTOLONE VALERATE AND ISOCONAZOLE NITRATE MOLECULES BY HIGH PERFORMANCE LIQUID CHROMOTOGRAPHY (HPLC)	Çilem IŞIK Mehtap ERŞAN	Sivas Cumhuriyet University, Sivas, Türkiye
INVESTIGATION OF THE ADSORPTION OF CRYSTAL VIOLET ON HYDROXYAPATITE	Aysun ATEŞ Mehtap ERŞAN	Sivas Cumhuriyet University, Sivas, Türkiye
INVESTIGATION OF THE EFFICIENCY FOR THE PRODUCTION OF CATHODIC ZINC INGOT FROM ZINC-CONTAINING RAW MATERIALS AND WASTES	Yusuf EMİNOĞLU Ünsal AÇIKEL	Sivas Cumhuriyet University, Sivas, Türkiye
THE EFFECT OF SODIUM LAURYL SULFATE CONCENTRATION ON THE THERMOELECTRIC PROPERTIES OF ANILINE-ACRYLONITRILE COPOLYMERS	İlhan DANACI Tahsin AYDIN Fuat ERDEN Salih ÖZBAY	Sivas University of Science and Technology, Sivas, Türkiye
DYEING OF WOVEN FABRICS MODIFIED WITH EXTRACT OBTAINED FROM ONOSMA HALOPHILA ROOT	Mahmut BAYRAM	İnönü University, Malatya, türkiye
SYNTHESIS AND ANTIOXIDANT PROPERTIES OF COPPER OXIDE NANOPARTICLES BY GREEN SYNTHESIS USING <i>MENTHA PULEGIUM</i>	Gamze TOPAL CANBAZ Sayiter YILDIZ	Sivas Cumhuriyet University, Sivas, Türkiye
EXAMINATION OF THE RELATIONSHIP BETWEEN ISOCITRATE DEHYDROGENASE-1 ENZYME AND SOME ENZYMES PLAYING A ROLE IN VARIOUS SIGNAL TRANSDUCTION PATHWAYS	Esra BULUT ATALAY İbrahim TOPÇU	Sivas Cumhuriyet University, Sivas, Türkiye
SYNTHESIS OF OCTA-SUBSTITUTED OXO-TITANIUM PHTHALOCYANINE AND INVESTIGATION OF COLORIMETRIC Ph-SENSOR ACTIVITIES	Ebru YABAŞ	Sivas Cumhuriyet University, Sivas, Türkiye

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Session-2, Hall-2

02.12.2023

Moderator: Prof. Dr. Meltem SARIOĞLU CEBECİ

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 12:30 – 14:30

Title	Author(s)	Affiliation
INVESTIGATION OF TWO-STAGE BIOMASS GASIFICATION FOR METHANE-RICH SYNGAS PRODUCTION UNDER THE CO ₂ ATMOSPHERE	Ebubekir Sıddık AYDIN	Sivas Bilim ve Teknoloji University, Sivas, Türkiye
EVALUATION OF CIRCULAR RECOVERY OF ZERO WASTE PRACTICES IN SIVAS PROVINCE	Furkan YILDIZ Fuat ÖZYONAR	Sivas Cumhuriyet University, Sivas, Türkiye
THE CLIMATE CHANGE IMPACT ON SURFACE WATER RESOURCES; THE CASE OF KIZILIRMAK	Mehmet Murat AKKAYA Fuat ÖZYONAR	Sivas Cumhuriyet University, Sivas, Türkiye
OBTAINING ENERGY AND BY-PRODUCTS (BIOFERTILIZER, BIOCHAR) FROM ORGANIC WASTE	Meltem SARIOĞLU CEBECİ Cansel YILDIZ	Sivas Cumhuriyet University, Sivas, Türkiye
TREATMENT OF WASTEWATER WITH ADVANCED TREATMENT METHODS AND AVAILABILITY FOR IRRIGATION: ENVIRONMENTAL HEALTH EFFECTS	Meltem SARIOĞLU CEBECİ	Sivas Cumhuriyet University, Sivas, Türkiye
FORMATION OF MICROPLASTICS, THEIR SPREAD IN NATURE AND THE ENVIRONMENTAL RISKS THEY CAUSE	Ali ALHRAISHAWI Mustafa ÖZTÜR Şükrü ASLAN	Sivas Cumhuriyet University, Sivas, Türkiye
THE CONCEPT OF SUSTAINABILITY AND SUSTAINABLE CLASSIFICATION SYSTEMS	Mustafa ÖZTÜR Ali ALHRAISHAWI Şükrü ASLAN	Sivas Cumhuriyet University, Sivas, Türkiye
INVESTIGATION OF EFFECTS OF PEPTICIDES ON TO GROUNDWATER AND SURFACE WATER	Meltem SARIOĞLU CEBECİ Menekşe TAŞ DİVRİK	Sivas Cumhuriyet University, Sivas, Türkiye

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Session-2, Hall-3

02.12.2023

Moderator: Prof. Dr. Ülker Aslı Güler

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 12:30 – 14:30

Title	Author(s)	Affiliation
POSSIBLE EFFECTS OF MICROPLASTIC POLLUTION ON WATER ECOSYSTEMS	Firdevs Hazal DAŞTAN Ülker Aslı Güler	Sivas Cumhuriyet University, Sivas, Türkiye
INVESTIGATION OF THE REMOVAL KINETICS OF REACTIVE ORANGE 16 DYESTUFF WITH SELECTED THREE DIFFERENT NANOPARTICLES	İlknur ŞENTÜRK	Sivas Cumhuriyet University, Sivas, Türkiye
ENVIRONMENTAL MANAGEMENT AFTER NATURAL DISASTERS	İlknur ŞENTÜRK	Sivas Cumhuriyet University, Sivas, Türkiye
TREND ANALYSIS of PRECIPITATION DATA in YOZGAT AND KIRIKKALE	Zinnur YILMAZ Mustafa Bünyamin KARAGÖZOĞLU	Sivas Cumhuriyet University, Sivas, Türkiye
SPATIAL-TEMPORAL ANALYSIS OF TEMPERATURE VALUES OF KAYSERİ PROVINCE WITH INNOVATIVE TREND ANALYSIS	Zinnur YILMAZ Mustafa Bünyamin KARAGÖZOĞLU	Sivas Cumhuriyet University, Sivas, Türkiye
A STUDY TO DETERMINE THE MEDICAL WASTE DISPOSAL COST	Eyüp ATMACA İbrahim KAYA	Sivas Cumhuriyet University, Sivas, Türkiye Sivas Çevre Şehircilik ve İklim Değişikliği İl Müdürlüğü, Sivas, Türkiye

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Session-2, Hall-4

02.12.2023

Moderator: Vidya Padmakumar

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 12:30 – 14:30

Title	Author(s)	Affiliation
PREPARATION OF CAO NANO-CATALYST FROM NATURAL WASTE SHELLS	Obiora Ebuka Muojama	University of Benin, Nigeria
ATTAINING SUSTAINABLE COMPETITIVE ADVANTAGES THROUGH PROCUREMENT IN PAKISTAN	Masaud Ahmad, Rehman Akhtar	University of Engineering and Technology Peshawar (25000), Pakistan
COMBINATION OF THE EROSION POTENTIAL MODEL (EPM) AND THE UNIVERSAL SOIL LOSS EQUATION (RUSLE) FOR WATER EROSION MAPPING AND IDENTIFICATION OF VULNERABLE AREAS IN THE INAOUENE WATERSHED UPSTREAM OF THE IDRISSE 1ST DAM, MOROCCO	Laaraj Marouane Benaabidate Lahcen Mesnage Valérie	University of Sidi Mohamed Ben Abdellah, Morocco University of Rouen-NORMANDY, France
SURFACTANT-STABILIZED OIL-IN-WATER NANOEMULSION: STABILITY INSIGHTS AND IMPLICATIONS	Parthasarathi.V, Devi.R, Dr.R.Srinivasan, Sriram.R	Bharath Institute of Higher Education and Research, Chennai, India
DEVELOPMENT OF NEW METHODS OF SUBSTANCE ANALYSIS IN COMPARISON WITH THE REFERENCE SAMPLE	Alexandrov V.S.	Kazan National Research Technical University named after A.N. Tupolev, Russia
BIRD ECOLOGY ALONG THE URBAN-RURAL GRADIENT IN BENI MELLAL: EVIDENCE FROM MOROCCO (NORTHWEST AFRICA)	Ikram Douini, Mohamed Mounir, El Mostafa Benka, Mohamed Dakki, Soumaya Hammada	Sultan Moulay Slimane University of Beni Mellal, Morocco University of Mohammed V, Morocco
A CRITICAL ANALYSIS OF THE ECOLOGICAL FOOTPRINT INDICATOR: STRENGTHS, WEAKNESSES, AND FUTURE DIRECTIONS	Vidya Padmakumar Murugan Shanthakumar	Bangalore University, Bangalore, India
EXACT CONTROLLABILITY OF WAVE EQUATIONS WITH INTERIOR DEGENERACY AND ONE-SIDED BOUNDARY CONTROL	Rayan Ikram ADDOUN	University M'hamed Bougara of Bumerdes, Algeria
USING A VITREOUS PHASE TO LIMIT THE CORROSION OF ORDINARY STEEL IN ACIDIC MEDIUM: AN ELECTROCHEMICAL STUDY	Hind. EL BOULIFI, Taoufiq. Guedira, Mohamed. Cherkaoui	Université Ibn Tofail, Morocco

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Session-2, Hall-5

02.12.2023

Moderator: Dr. Anna Kopiczko

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 12:30 – 14:30

Title	Author(s)	Affiliation
OSTEOSARCOPENIA IN WOMEN: THE EFFECT OF LIFESTYLE FACTORS AND EATING HABITS	Anna Kopiczko Joanna Cieplińska Joanna Piotrowska Natalia Bieńko	Józef Piłsudski University of Physical Education in Warsaw, Poland National Institute of Public Health NIH - National Research Institute, Poland
EARLY PHYSICAL ACTIVITY AND ITS EFFECTS ON FUNCTIONAL CAPACITY AND QUALITY OF LIFE IN POST-SURGERY CARDIAC PATIENTS	Husham Abdulateef Salman AL-Jaddah Dr. ISMAEL CYLAN Dr. Raed Qadri Khudhair	Kirsehir Ahi Evran University
ANTI-REGENERATIVE POTENTIAL OF LAURUS NOBILIS AGAINST ARSENIC-INDUCED ACUTE LIVER TOXICITY IN WISTAR RATS	Rameen Ishfaq, Usman Haider, Wania Nasir, Najeeb Ullah Khan, Jawad Aslam, Muhammad Saad Tariq, Wafa Majeed, Shamshad UL Hassan, Bilal Aslam, Muhammad Naeem Faisal	University of Agriculture Faisalabad, Pakistan
THE PROMISE OF NANOTECHNOLOGY IN CANCER PREVENTION, DETECTION, AND TREATMENT	Pankaj Malhotra, Deepika Yadav, Taneesha Gupta	Sushant University, India
THE PROMISE OF NANOTECHNOLOGY IN CANCER PREVENTION, DETECTION, AND TREATMENT	Pankaj Malhotra, Deepika Yadav, Taneesha Gupta	Sushant University, India
INVESTIGATING THE OCCURRENCE OF MICROPLASTICS IN COMPOST PREPARED FROM MIXED MUNICIPAL WASTE; A CASE STUDY	Hooshyar Hossini, Tooraj Massahi, Maryam Sharafi, Sepideh Naseri, Monireh Noori	Kermanshah University of Medical Sciences, Kermanshah, Iran
COADSORPTION OF PHARMACEUTICAL POLLUTANTS ON ADSORBENTS PREPARED FROM ORGANIC CLAY	SALAA Fahima, Benabbou Asmae, Medjdoub Aicha, Khelifa Amine	Université de Mostaganem, 27000, Algérie
THE OBTAINING AND STUDY OF CARBIDE SIALON NANO COMPOSITE WITH ALUMINUM OXIDE NANO POWDER	Z. Kovziridze, N.Nijaradze, G. Tabatadze, T. Cheishvili, Ts. Danelia, N. Darakhvelidze	Technical University of Georgia, Georgia
Youssef Benfatah, Amine El Bhih, Mostafa Rachik, Abdessamad Tridane	Youssef Benfatah, Amine El Bhih, Mostafa Rachik, Abdessamad Tridane	

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Session-3, Hall-1

02.12.2023

Moderator: Assoc. Prof. Dr. Salih ÖZBAY

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 15:00 – 17:00

Title	Author(s)	Affiliation
NITROAROMATIC EXPLOSIVE DETECTION, OPTICAL ABSORPTION, LUMINESCENCE	Mustafa YÜKSEK Mehmet Fatih YASUL	İskenderun Teknik University, Türkiye
EXAMINING THE RELATIONSHIP BETWEEN FRINGE FREQUENCY AND OBJECT SIZES IN THE GATES INTERFEROMETER PROFILOMETRY	Ekrem YARTAŞI Ayşe Vildan SERT	Sivas Bilim ve Teknoloji University, Sivas, Türkiye
FLOW CHARACTERISTICS OVER BIO-INSPIRED CORRUGATED AIRFOIL AT LOW REYNOLDS NUMBER	Hacımuırat DEMİR Batuhan KAYA	Aksaray University, Aksaray, Turkey
GINI COEFFICIENT TIME SERIES FOR OECD COUNTRIES MODELING AND CLASSIFICATION	Doğukan KAHRAMAN Reşat KASAP	Gazi University, Ankara, Türkiye
MEETING THE ENERGY NEEDS OF A LOCATION IN BALIKESİR MANYAS DISTRICT WITH A GRID-INDEPENDENT HYBRID SYSTEM: ENERGY AND ECONOMIC ANALYSIS	Eren ADIGÜZEL Fikret YÜKSEL	Yalova University, Yalova, Türkiye
AN EXPERIMENTAL STUDY ON USING AMMONIUM HYDROXIDE IN A DIESEL ENGINE: ANALYSIS OF ENGINE PARAMETERS	Abdülvahap ÇAKMAK	Samsun University, Samsun, Turkey

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Session-3, Hall-2

02.12.2023

Moderator: Prof. Dr. Evren ALGIN YAPAR

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 15:00 – 17:00

Title	Author(s)	Affiliation
THE RELATIONSHIP BETWEEN ORGANIZATIONAL CULTURE AND ORGANIZATIONAL CREATIVITY ACCORDING TO PRIVATE SCHOOL TEACHERS: KABİL EXAMPLE	Mustafa Erdem Jamaluddin Ahmadi	Kırşehir Ahi Evran University, Türkiye
AN EXAMINATION OF THE KNOWLEDGE AND AWARENESS LEVELS OF HEALTH WORKERS IN TURKEY ABOUT AUGMENTATIVE AND ALTERNATIVE COMMUNICATION SYSTEMS	Beyza ERKAYA GÜLER Mümüne Merve PARLAK	Sivas Numune Hastanesi, Dil ve Konuşma Terapisi Birimi, Sivas, Türkiye Ankara Yıldırım Beyazıt University, Ankara, Türkiye
EVALUATION OF DIGITAL PILLS IN TERMS OF TREATMENT AND ETHICS	Merve Nur ÖZDEMİR Evren ALGIN YAPAR	Sivas Cumhuriyet University, Sivas, Türkiye.
DOSIMETRIC COMPARISON OF DIFFERENT TPS DATA IN PERIAMPULLAR CANCERS WITH RADIOTHERAPY INDICATION	Ahmet ŞAHİN	Necmettin Erbakan University, Konya, Türkiye
IMPACT OF NKILA ON THE EXPRESSION OF BCL-2 AND BAX GENES IN ATHEROSCLEROSIS PATHOGENESIS	Burcu BAYYURT Şeyda AKIN Nil ÖZBİLÜM ŞAHİN İzzet YELKOVAN	Sivas Cumhuriyet University, Sivas, Türkiye
EXAMINING THE EFFECTS OF CLIMATE DATA ON STREAM FLOW AND THE METHODS USED	Oğuzhan AYDOĞAN Sayıter YILDIZ Can Bülent KARAKUŞ	Sivas Cumhuriyet University, Sivas, Turkey
MANAGEMENT OF SUBSTANCES CREATING TASTE AND ODOR IN DRINKING WATER	Serdar DEMİRKAYA Sayıter YILDIZ	Sivas Cumhuriyet University, Sivas, Türkiye

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Session-3, Hall-3

02.12.2023

Moderator: MD. Shamshuddin

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 15:00 – 17:00

Title	Author(s)	Affiliation
EFFECT OF ELECTROMAGNETIC TREATMENT ON THE MECHANICAL PROPERTIES OF TURBINE BLADES	Engr.Imran khan Prof. Dr. Afzal Khan Abdullah	Univesity of Engineering and Technology Peshawar,Pakistan
OSCILLATION CRITERIA FOR SECOND-ORDER DIFFERENTIAL EQUATIONS NEUTRAL DELAY EMDEN-FOWLER EQUATIONS	Maryam Alkandari	Kuwait University, Kuwait
OPTIMIZING LEACHATE TREATMENT FROM MOHAMMEDIA-BENSLIMANE LANDFILL	Roukaya Bouyakhsass, Salah Souabi, Safaa Khattabi Rifi, Soukaina Bouaouda, Abdeslam Taleb, Abdelaziz Madinzi	University Hassan II, Mohammedia, Morocco.
TOXICITY OPTIMIZATION OF GREEN ZINC OXIDE QUANTUM DOTS IN ZEBRAFISH USING BOX-BEHNKEN DESIGN: A NOVEL APPROACH FOR SAFER NANOPARTICLE SYNTHESIS	R. Mary Nancy Flora, M. Chamundeewari, S. Palani	Arunai Engineering College, India St. Joseph's College of Engineering, India
NUMERICAL SIMULATION AND COMMUNICATION FOR NONLINEAR THERMAL AND SOLUTAL SYSTEM OF UNSTEADY NON-NEWTONIAN WITH NATURAL CONVECTION	Muhammad Awais, T. Salahuddin	Mirpur University of Science and Technology, Pakistan
ENHANCING PRODUCTION EFFICIENCY THROUGH FACILITATION AND WORK-STUDY, USING REVISED NIOSH EQUATION, A CASE STUDY	Eng. Sohail khan	
ESSENTIAL SERVICE QUALITY IN JUNIOR NON-COMMISSIONED OFFICERS IN NAVY TOWN, LAGOS	Sani Audu Maiyaki, Bala Ishiyaku, Ibrahim Idris,Sakinatu Muhammad Yayajo	
MIXED CONVECTION OF POWER LAW NANOLIQUID TRANSPORT IN CUBIC CAVITY WITH WAVY BOTTOM WALL: ENTROPY PERFORMANCE	MD. Shamshuddin	SR University, India.
DESIGN STRUCTURE MATRIX MODELING FOR SUSTAINABLE PRODUCT DESIGN: A CASE OF THE THERMAL MANAGEMENT SYSTEM OF AN ELECTRIC VEHICLE	Sheharyar Mumtaz Tufail Habib	University of Engineering & Technogolgy, Peshawar, Pakistan
SUSTAINABLE MANUFACTURING BY APPLYING VALUE STREAM MAPPING IN A HOME APPLIANCE COMPANY	Tanveer Alam Tufail Habib	University of Engineering & Technogolgy, Peshawar, Pakistan

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Session-3, Hall-4

02.12.2023

Moderator: SALAA Fahima

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 15:00 – 17:00

Title	Author(s)	Affiliation
CHARACTERIZATION OF LACUNARY I-CONVERGENT SEQUENCES IN CREDIBILITY SPACE	Mousami Das, Binod Chandra Tripathy, Omer Kisi	Tripura University, India Bartın University, Turkey
THE RECEIVING AND STUDY OF CARBIDE SIALON NANO COMPOSITE WITH ALUMINA OXIDE NANO POWDER	Z. Kovziridze, N.Nijaradze, G. Tabatadze, T. Cheishvili, Ts. Danelia, N. Darakhvelidze	Technical University of Georgia
STABILITY ASSESSMENT FOR A FRACTIONAL MODEL DESCRIBING COCHINEAL TRANSMISSION	Mostafa RACHIK, Oumaima EL BAZ, Mohamed Ait Ichou, Hassan LAARABI	Hassan II University Casablanca, Morocco Laboratory RST-EMA ESEF Agadir, IBN ZOHR of Agadir, Morocco.
COMPARISM OF LAND SURFACE TEMPERATURE VARIATION IN DIFFERENT LOCATIONS IN IKOT EKPENE LOCAL GOVERNMENT AREA, AKWA IBOM STATE	Enobong Jeremiah Effiong dr. (Mrs) Imabong Mfon Essen mrs. Udeme Udofia Inyang Mr. Editi Etim Paul	Akwa Ibom State Polytechnic, Ikot Osurua, Akwa Ibom State, Nigeria
COMBINING MOLECULAR DYNAMICS SIMULATIONS (MD) WITH INTEGRAL EQUATION METHODS (IEMS): STRUCTURE OF A MIXED SYSTEM: MICROEMULSIONS (MES) COVERED WITH POLYMERS	Rachid Ahfir, Ayoub Arbia, Redouane Elhajjam, Lamiae Talha, Mohammed Filali	Sidi Mohamed Ben Abdellah University, Morocco
ADSORPTION OF AN ANIONIC MICROPOLLUTANT IN AQUEOUS SOLUTION BY ORGANIC CLAYS: EQUILIBRIUM MODELLING, KINETIC AND THERMODYNAMIC EXPLORATION	SALAA Fahima, Medjdoub Aicha, Benabbou Asmae, Khelifa Amine	Université de Mostaganem, 27000, Algérie
TRANSFORMATION OF CHITIN INTO CHITOSAN: CARACTERIZATION AND STUDY OF ADSORPTION	Aicha MEDJDOUB, Zahra MEKIBES, Fahima SALAA, Asmae BENABBOU, Halima DELALI, Fadila NEMCHI, Mostefa BELHAKEM	Université Abdelhamid Ibn Badis – Mostaganem, Algéria,
DISSOLUTION MECHANISM OF CELLULOSE IN BENZYLTRIETHYLAMMONIUM/UREA DEEP EUTECTIC SOLVENT (DES): DFT-QUANTUM MODELING, MOLECULAR DYNAMICS AND EXPERIMENTAL INVESTIGATION	Omar Azougagh Hayat El HAMMI Loubna JABIR Mohammed nor Soumya ESSAYEH Soufian EL BARKANY	Mohamed First University Morocco Abdelmalek Essaadi University, Morocco
FLOW GENERATED BY SLOW STEADY ROTATION OF A SPHERE IN A THERMO-VISCOUS FLUID BOUNDED BY A POROUS MEDIUM	N.Pothanna , P. Aparna	VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, 500090, Telangana State, India..

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Session-3, Hall-5

02.12.2023

Moderator: Dr. Belfarhi Leila

Meeting ID: 862 1528 3413 / Passcode: 010101

Ankara Local Time: 15:00 – 17:00

Title	Author(s)	Affiliation
PREDICTIVE MODELING OF POROSITY-INDUCED MECHANISMS AND STRUCTURAL DAMAGE IN ADVANCED HIGH-STRENGTH STEEL: AN IN-DEPTH ANALYSIS	Amir Slamene, Billel Hamza, Ilies Mrabet, Mohammed Yassine Mazari, Mohamed Mokhtari, Sadek Gouasmi, Habib Benzaama	National Polytechnic School of Oran Maurice Audin, Algeria University of Abou Beckr Belkaid (UABT), Algeria
ADVANCING FINITE ELEMENT MODELING OF FUNCTIONALLY GRADED MATERIALS: INTRODUCING UMM FOR ENHANCED MECHANICAL BEHAVIOR ANALYSIS AND DAMAGE PREDICTION	Amir Slamene, Billel Hamza, Ilies Mrabet, Mohammed Yassine Mazari, Mohamed Mokhtari, Sadek Gouasmi, Habib Benzaama	National Polytechnic School of Oran Maurice Audin, Algeria University of Abou Beckr Belkaid (UABT), Algeria
A STUDY ON THE EFFECT OF TANNIC ACID AND GALLIC ACID ON 3D-PRINTED POLYLACTIC ACID SURFACE PROPERTIES AGAINST OF P. AERUGINOSA AND S. AUREUS ADHESION	ERRABITI Badr Amal EL AABEDY Sara ER-RAHMANI Soumya EL ABED Saad IBNSOUDA KORAICHI	Laboratory of Microbial Biotechnology and Bioactive Molecules, Faculty of Science and Technology, Sidi Mohamed Ben Abdellah University, Fez, Morocco
IMPROVEMENT OF THE SONO-PHOTOFENTON SYSTEM FOR THE REMEDIATION OF LANDFILL LEACHATE FROM THE CITY OF FEZ, MOROCCO: OPTIMIZATION OF PROCESS PARAMETERS USING RESPONSE SURFACE METHODOLOGY (RSM)	Hamza Bellouk, Karim Tanji, Fouad Khalil, Mostafa Nawdali, Hicham Zaitan	Sidi Mohamed Ben Abdellah University, Morocco Mohammed VI Polytechnic University, Morocco Ibnou Zohr University, Morocco
3-D MAGNETOHYDRODYNAMIC AA7072-AA7075/METHANOL HYBRID NANOFLUID FLOW ABOVE AN UNEVEN THICKNESS SURFACE WITH SLIP EFFECT	G.P. Ashwinkumar, C. Sulochana, N.Sandeep	Vijayanagara Sri Krishnadevaraya University, India. Gulbarga University, India. Central University of Karnataka, India
ENERGY EFFECT OF CALOTROPIS PROCERA PLANTS AGAINST ENERGY OF MERCURY CHLORIDE (HgCl ₂)	Dr. Belfarhi Leila	CRAPC research center in Algiera
WEIBULL-GUMBEL TYPE II DISTRIBUTION PROPERTIES AND ITS APPLICATIONS TO BIOMEDICAL DATA SETS	OLAYEMI Michael Sunday, OLAJIDE Oluwamayowa Opeyimika, MICHAEL Sunday Michael	Kogi State Polytechnic, Lokoja, Nigeria.
ANALYSIS OF MATERNAL MORTALITY CASES IN WUKARI	Okorie Charity Ebelechukwu, Nwaokolo Martin Afam, Nwaokolo Blessing	Federal University, Wukari AirForce Institute of Technology (AFIT), Kaduna State, Nigeria
THERMODYNAMIC MODELLING AND EXPERIMENTAL STUDY OF THE MIXED SYSTEM Al-Mg-Cl-H ₂ O at T=353.15 K	Kawter Chakib; S. Mohammed Aboufaris El Alaoui; Mohamed EL Guendouzi	University of Hassan II - Casablanca, Morocco

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