2nd INTERNATIONAL İZMİR CONGRESSES

ON LIFE ENGINEERING AND APPLIED SCIENCES

ONLINE & IN-PERSON PARTICIPANT
OCTOBER 14-16, 2023 | İzmir - Türkiye

DAY 1 – OCTOBER 14, 2023

CONGRESS PROGRAM

MEETING ID: 849 4510 0591
PASSWORD: 490049

PARTICIPANT COUNTRIES (15 COUNTRIES):

TÜRKİYE, CHINA, SUDAN, MOROCCO, NIGERIA, CHINA, PAKISTAN, INDIA, ALGERIA, VIETNAM, LIBYA, PORTUGAL, AZERBAIJAN, KOSOVO, NORTH MACEDONIA

IMPORTANT, PLEASE READ CAREFULLY

- To be able to attend a meeting online, login via **https://zoom.us/join** site, enter ID "Meeting ID or Personal Link Name" and solidify the session.
- The Zoom application is free and no need to create an account.
- The Zoom application can be used without registration.
- The application works on tablets, phones and PCs.
- The participant must be connected to the session 5 minutes before the presentation time.
- All congress participants can connect live and listen to all sessions.
- Moderator is responsible for the presentation and scientific discussion (question-answer) section of the session.

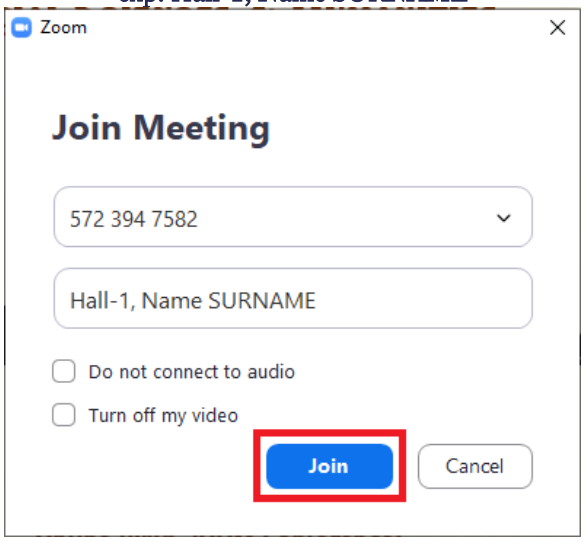
Points to Take into Consideration - TECHNICAL INFORMATION

- Make sure your computer has a microphone and is working.
- You should be able to use screen sharing feature in Zoom.
- Attendance certificates will be sent to you as pdf at the end of the congress.
- Requests such as change of place and time will not be taken into consideration in the congress program.

*(All speakers required to be connected to the session **15 min before** the session starts)*
Moderator is responsible for ensuring the smooth running of the presentation, managing the group discussion and dynamics.

*Each presentation will take **10 minutes.** There will be a question and answer session for 5 minutes after the presentation.*

Before you login to Zoom please indicate your name_surname and HALL number:
exp. Hall-1, Name SURNAME



DAY (1) - SESSION (1) - HALL (4)

MEETING ID: 849 4510 0591
PASSWORD: 490049

	14.10.2023	Time: 09^{30}-12^{15} (Turkey Local time GMT+3)	MOD/HEAD OF THE SESSION: *Dr. Rahile ÖZTÜRK* COORDINATOR: *Spc. Ufuk EMECEN EZGİN*
	Authors	**Affiliation**	**Topic title**
09^{30}-09^{45}	Birol YAZARLI Kemal ŞAHBUDAK	*Sivas Cumhuriyet University, Türkiye*	THE EFFECT OF CURING TIME ON THE MECHANICAL PROPERTIES OF FLY ASH AND TINCAL ADDITIVE GEOPOLYMER MORTAR
09^{45}-10^{00}	Emrah DÖNMEZ	*Bandırma Onyedi Eylül University, Türkiye*	THE FUTURE OF ARTIFICIAL INTELLIGENCE: TRENDS, CHALLENGES, AND ETHICAL CONSIDERATIONS
10^{00}-10^{15}	Fulya KAHRIMAN Muzaffer ZEREN	*Kocaeli University, Türkiye*	DIFFERENTIAL CALORIMETRIC ANALYSIS OF THE EFFECT OF ZR ADDITION ON PRECIPITATION REACTIONS IN EN AW 6082 ALUMINUM ALLOY
10^{15}-10^{30}	Bünyamin ÖZTÜRK Sezcan YILMAZ	*Eskişehir Osmangazi University, Türkiye*	DESIGN AND IMPLEMENTATION OF EXPERIMENTAL SETUP FOR PERFORMANCE MEASUREMENT OF BATTERY POWERED SCREWDRİVER TOOLS
10^{30}-10^{45}	Sezcan YILMAZ Bünyamin ÖZTÜRK	*Eskişehir Osmangazi University, Türkiye*	DYNAMIC ANALYSIS OF TREE BRANCH SHAKER MACHINE
10^{45}-11^{00}	Ferhat YILDIRIM	*Çanakkale Onsekiz Mart University, Türkiye*	EFFECT OF IMPACT DAMAGE ON THE EMI SHIELDING PROPERTIES OF SHORT CARBON FIBER REINFORCED EPOXY COMPOSITES
11^{00}-11^{15}	İsmail AKARGÖL	*Sivas Cumhuriyet University, Türkiye*	ASSEMBLY LINE BALANCING WITH POSITION WEIGHTED METHOD: A NUMERICAL CASE STUDY
11^{15}-11^{30}	Süleyman ŞENYURT Sümeyye GÜR MAZLUM	*Ordu University, Türkiye*	SOME APPLICATIONS ON THE TANGENT INDICATRIX CURVE OF THE HELIX
11^{30}-11^{45}	Mehmet ÇOLAK	*Dicle University, Türkiye*	ANALYZING THE NAPROXEN RELEASE KINETICS FROM GEL SYSTEMS
11^{45}-12^{00}	Onur YÜKSEL Murat BAYRAKTAR	*Zonguldak Bülent Ecevit University, Türkiye*	THE ASSESTMENT OF MOLTEN CARBONATE FUEL CELL USAGE AS THE MAIN AND AUXILIARY ENGINES ON A TANKER SHIP
12^{00}-12^{15}	Murat HATİPOĞLU Evrim ÇOBAN	*Dokuz Eylül University* *Muğla Sıtkı Koçman University, Türkiye*	PAINITE [CaZrB(Al 9 O 18)] CRYSTAL, ONE OF THE RAREST AND POPULAR GEMSTONES IN THE WORLD; IN THE CASE OF LEGENDS ABOUT ITS PRESENCE IN TURKEY, MINERALOGICAL PROPERTIES, SIMILAR STONES THAT CAN BE MIXED AND SCIENTIFIC APPROACHES

DAY (1) - SESSION (1) - HALL (5)

MEETING ID: 849 4510 0591
PASSWORD: 490049

	14.10.2023	Time: 09^{30}-12^{15} (Turkey Local time GMT+3)	MOD/HEAD OF THE SESSION: *Dr. Ömer Faruk COŞKUN* COORDINATOR: *Dr. Nigar EMECEN EZGİN*
	Authors	**Affiliation**	**Topic title**
09^{30}-09^{45}	**Mehmet Akif BUZPINAR**	***Sivas Cumhuriyet University, Türkiye***	**EXAMINATION OF ARTIFICIAL INTELLIGENCE ASSISTED AND RADIO FREQUENCY-BASED NEW APPROACHES IN FALL DETECTION AND PREVENTION SYSTEMS**
09^{45}-10^{00}	**Yeliz AKKAŞ Melek ZEYBEK YÜNLÜ**	***Süleyman Demirel University, Türkiye***	**MACROZOOBENTHIC INVERTEBRATE FAUNA OF YALVAÇ STREAM (ISPARTA, TÜRKIYE)**
10^{00}-10^{15}	**Zeynep KARCIOĞLU KARAKAŞ**	***Atatürk University, Türkiye***	**INVESTIGATION OF THE USABILITY OF SPINEL COPPER FERRITES AS PHOTOCATALYSTS FOR THE PHOTOCATALYTIC DEGRADATION OF TETRACYCLINE**
10^{15}-10^{30}	**Öznur ÖZİL**	***Isparta Applied Sciences University, Türkiye***	**OZONE TREATMENT IN FUNGAL DISEASES OF FISH**
10^{30}-10^{45}	**Tuğba ÜSTÜN TOPAL**	***Tekirdağ Namık Kemal University, Türkiye***	**AS AN ENVIRONMENTAL RESTORER: EPHEMERAL LANDSCAPE**
10^{45}-11^{00}	**Serhat KILIÇARSLAN**	***Bandırma Onyedi Eylül University, Türkiye***	**RICE DISEASE CLASSIFICATION THROUGH DEEP CONVOLUTIONAL NEURAL NETWORKS: A COMPREHENSIVE STUDY**
11^{00}-11^{15}	**Nastaran SADEGHIA Parham TASLIMI Burak ÖZÇELIK**	***Bartin University, Türkiye***	**ANTI-ALZHEIMER AND ANTI-OXIDANT POTENTIALS OF CROCUS ANTALYENSIS PLANT**
11^{15}-11^{30}	**Cihan PALOLUOĞLU**	***Bayburt University, Türkiye***	**DETERMINATION OF THE CONCENTRATIONS OF ATMOSPHERIC FINE MODE PARTICLES OF BAYBURT PROVINCE BABERTI CAMPUS AND RELATIONSHIP WITH METEOROLOGICAL PARAMETERS**
11^{30}-11^{45}	**Erhan KAVUNCUOĞLU**	***Sivas Cumhuriyet University, Türkiye***	**AN OVERVIEW OF THE USE OF MOTION SENSORS IN FALL DETECTION AND ACTIVITY RECOGNITION**
11^{45}-12^{00}	**Ömer Faruk COŞKUN Seher TOPRAK**	***Hatay Mustafa Kemal University, Türkiye***	**DETERMINATION OF AGRICULTURAL CHARACTERISTICS OF SOME WATERMELON GENOTYPES IN HATAY CONDITIONS**
12^{00}-12^{15}	**Ömer Faruk COŞKUN**	***Hatay Mustafa Kemal University, Türkiye***	**EFFECT OF GRAFTING ON SOME PHYSIOLOGICAL PARAMETERS IN WATERMELON UNDER DROUGHT STRESS**

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DAY 2 – OCTOBER 15, 2023

CONGRESS PROGRAM

MEETING ID: 825 9144 9610
PASSWORD: 833721

PARTICIPANT COUNTRIES (15 COUNTRIES):

TÜRKİYE, CHINA, SUDAN, MOROCCO, NIGERIA, CHINA, PAKISTAN, INDIA, ALGERIA, VIETNAM, LIBYA, PORTUGAL, AZERBAIJAN, KOSOVO, NORTH MACEDONIA

DAY (2) - SESSION (1-2) - HALL (2)

MEETING ID: 825 9144 9610
PASSWORD: 833721

	15.10.2023	Time: 09^{30}-13^{15} (Turkey Local time GMT+3)	MOD/HEAD OF THE SESSION: *PROF. R D S G CAMPILHO* COORDINATOR: *Ufuk EZGİN*
	Authors	**Affiliation**	**Topic title**
09^{30}-09^{40}	Öykü YAKUPOĞLU Orhan ACAR	*Gazi University, Türkiye*	DETERMINATION OF RADIOACTIVITY AND ELEMENT/ION LEVELS IN WATER SAMPLES TAKEN FROM DAMS IN ANKARA, TÜRKIYE
09^{40}-09^{50}	Hatice Banu KESKİNKAYA Ahmet AFŞAR Süleyman DOĞU	*Necmettin Erbakan University, Türkiye*	IN-VITRO ANTIOXIDANT ACTIVITIES AND TOTAL PHENOLIC CONTENT OF SIDERITIS VURALII EXTRACTED WITH SUPERCRITICAL CO2 EXTRACTION (SCFE)
09^{50}-10^{00}	Tawaf Ali SHAH Li ZHIHE Li ZHIYU Andong ZHANG	*Shandong University of Technology, China*	CO-CULTURE AND SYNERGISTIC ROLE OF ENZYMES IN SACCHARIFICATION OF BIOMASS FOR FERMENTATION PROCESS
10^{00}-10^{10}	Ahmed Ali MUSTAFA Haifa A A OMER Sakina YAGI	*University of Gezira, Sudan* *Sudan University of Science and Technology, Sudan* *University of Khartoum, Sudan*	TOTAL PHENOLICS CONTENTS, ANTIMICROBIAL AND ANTIOXIDANT ACTIVITIES OF CASSIA FISTULA., CRUDE EXTRACTS IN SUDAN
10^{10}-10^{20}	Mokhtari NARJISSE Chabbi MOHAMED	*University Abdelmalek Essaadi, Morocco*	PREVALENCE AND DETECTION OF TOXIGENIC ASPERGILLUS FLAVUS IN PEANUT KERNELS FROM NORTH MOROCCO
10^{20}-10^{30}	Muhammad Naziru YAHAYA Zayyanu Muhammad KALGO	*Federal University Birnin Kebbi, Nigeria*	ACOUSTICAL COMFORT IN MAJOR HIGHWAY IN BIRNIN KEBBI, KEBBI STATE-NIGERIA
10^{30}-10^{40}	Misbah NAZ	*Division of Science and Technology, Pakistan*	COMPARATIVE STUDY OF SONOPHOTOCATALYTIC, PHOTOCATALYTIC, AND CATALYTIC ACTIVITIES OF MAGNESIUM AND CHITOSAN-DOPED TIN OXIDE QUANTUM DOTS
10^{40}-10^{50}	Misbah NAZ	*Division of Science and Technology, Pakistan*	FACILE SYNTHESIS OF BARIUM-DOPED CADMIUM SULFIDE QUANTUM DOTS FOR THE TREATMENT OF POLLUTED WATER: EXPERIMENTAL AND COMPUTATIONAL INVESTIGATIONS
10^{50}-11^{00}	Zahid ALİ	*Kohat University, Pakistan*	A MESHLESS METHOD FOR THE SOLUTIONS OF VARIABLE ORDER FRACTIONAL PARTIAL DIFFERENTIAL EQUATIONS VIA RADIAL BASES FUNCTIONS
11^{00}-11^{10}	T Uma MAHESWARI A P GOKUL	*Annamalai University, India*	DEVELOPMENT AND QUALITY EVALUATION OF MORINGA LEAF RTS
11^{10}-11^{20}	F DRIS Touati TALANTIKITE N Ait AHMED	*University Of Bejaia, Algeria*	EFFECT OF ER DOPED ZnS WITH HYDROTHERMAL METHOD
11^{20}-11^{30}	Sesenlo KATH	*Annamalai University, India*	STEPS TAKEN TO COMBAT CLIMATE CHANGE IN INDIA
11^{30}-11^{40}	Mohd Shafi DAR	*Sri Satya Sai University, India*	EFFICACY OF POLYGONUM PERSICARIA AND ITS ACTIVE PRINCIPLE ON CARBON TETRACHLORIDE IN RATS

11^{40}-11^{50}	**Omosanya Dolapo SUNDAY**	***Obafemi Awolowo University, Nigeria***	**IMPORTANCE OF SUSTAINABLE ARCHITECTURE IN TROPICAL REGIONS**
11^{50}-12^{00}	**Jaya RAISINGHANI Akansha KHANDELWAL Rimpy SHUKLA**	***Deemed to be University, India***	**INVESTIGATING THE IMPACT OF TIN OXIDE (SNO 2) DOPING ON THE STRUCTURAL AND OPTICAL PROPERTIES OF ZINC OXIDE (ZNO) THIN FILMS**
12^{00}-12^{10}	**Yousra MDARHRI Mohamed CHABBI**	***Abdelmalek Essaadi University, Morocco***	**COMPARATIVE ANALYSIS OF ALPHA AND BETA CHITIN STRUCTURES AND PROPERTIES**
12^{10}-12^{20}	**Azoug SYLIA Ingrachen DAOUIA Mahtout LAILA Tiliouine YOUSRA**	***University A. Mira Bejaia, Algeria***	**REMOVAL OF THE CATIONIC DYE « METHYLENE BLUE » BY ADSORPTION ON A MESOPOROUS MATERIAL**
12^{20}-12^{30}	**Muskan JINDAL Rimpy SHUKLA Akansha KHANDELWAL**	***Deemed to be University, India***	**SYNTHESIS AND STUDY OF ANNEALING EFFECTS ON MORPHOLOGICAL AND ELECTRICAL PROPERTIES OF PURE TIN OXIDE THIN FILMS**
12^{30}-12^{40}	**Sadia AZIZ**	***Muhammad Nawaz Shareef University of Agriculture Multan, Pakistan***	**PHYTOREMEDIATION OF COPPER AND ARSENIC CONTAMINATED SOIL USING GLADIOLUS (GLADIOLUS GRANDİFLORAS) AND CHRYSANTHEMUM (CHRYSANTHEMUMMORIFOLIUM) PLANTS**
12^{40}-12^{50}	**Thuy Ly LE**	***Vietnam National University, Vietnam***	**HUMAN RESOURCES IN CIVIL ENGINEERING FOR SUSTAINABLE DEVELOPMENT IN BEN TRE PROVINCE, VIETNAM**
12^{50}-13^{00}	**Reguia BOUDRAA Djahida Talantikite TOUATI Lotfi MOUNI**	***University of Bouira, Algeria***	**NEW N-P HETEROJUNCTION PHOTOCATALYST SUPPORTED ON NATURAL ZEOLITE: GREEN SYNTHESIS AND APPLICATION FOR DEGRADING ORGANIC DYE UNDER VISIBLE LIGHT**
13^{00}-13^{10}	**S K SHAKSHOOKI A A JANGHER F A FARHAT M O DARWISH S M EL HAMRONI**	***University of Tripoli, Libya***	**SYNTHESIS AND CHARACTERIZATION OF NOVEL ZIRCONIUM OXIDE- CRYSTALLINE CERIUM(IV)HYDROGEN PHOSPHATE / POLYBENZIMIDAZOLE ,POLYANILINE , POLYINDOLE , POLYCARBAZOLE, NANOCOMPOSITES**
13^{10}-13^{20}	**Yamina HEDDAR Mébarek DJEBABRA**	***Safety University, Algeria***	**IMPACT OF SAFETY ATTITUDE ON THE SAFETY BEHAVIOR OF CONSTRUCTION WORKERS**
13^{20}-13^{30}	**Rufat KHEYBULIN**	***Azerbaijan State Agrarian University, Azerbaijan***	**ZOOTECHNICS – FEEDING**
13^{30}-13^{40}	**Gular MIRZAYEVA**	***Baku State University, Azerbaijan***	**SOIL FERTILITY**
13^{40}-13^{50}	**Garayev Elvin MAHIR**	***ANAS Sheki Regional Scientific Center, Azerbaijan***	**GEOCHEMISTRY OF MAGMATIC PROCESSES. FORMATION OF MAGMATISM IN THE EARTH'S CRUST AND MAGMA ROLE IN THE COMING**
13^{50}-14^{00}	**K THAMIZHMARAN**	***Government College of Engineering, India***	**RECOMMENDATION FOR OPTIMAL ATM PLACEMENT & ANALYTICAL OF QOS IN MOBILE AD-HOC NETWORKS USING NEURAL NETWORKS BASED ON RBF & A REVIEW OF MOBILE AD HOC NETWORK (MANET)**

14^{00}-14^{10}	**K THAMIZHMARAN**	***Government College of Engineering, India***	**PERFORMANCE OF MULTIPATH ROUTING PROTOCOLS FOR MANET - A SURVEY** **&** **SECURE COMMUNICATION IN ON-DEMAND ROUTING PROTOCOL USING FUZZY CONTROLLER FOR MANET** **&** **EFFECTIVE COMMUNICATION MODEL USING FUZZY IN MANET**
14^{10}-14^{20}	**K THAMIZHMARAN**	***Government College of Engineering, India***	**A REVIEW OF SHORTEST PATH NETWORK** **&** **COMPARATIVE REVIEW OF FUZZY LOGIC CONTROLLER–A SURVEY** **&** **REVIEW OF FUZZY LOGIC CONTROLLER** **&** **ADJUSTMENT FOR MOBILE AD HOC NETWORKS**
14^{20}-14^{30}	**Ramesh R** **Seenivasan M** **Syamala P** **Sakthivel K**	***Arignar Anna Government Arts College, India*** ***DDE Annamalai University, India*** ***AVVM Sri Pushpam College, India*** ***Arignar Anna Government Arts College, India***	**PERFORMANCE MEASURES OF PREEMPTIVE REPEAT PRIORITY QUEUE WITH RESAMPLING**
14^{30}-14^{40}	**Ramesh R** **Seenivasan M** **Kannan M** **Jagatheesan R**	***Arignar Anna Government Arts College, India*** ***DDE Annamalai University*** ***Arignar Anna Government Arts College, India*** ***Arignar Anna Government Arts College, India***	**SIMULATION ON M/M/1 QUEUEING MODELS IN FUZZY ENVIRONMENT**
14^{40}-14^{50}	**Ramesh R** **Seenivasan M** **Rajasekar S P** **Hari Ganesh A**	***Arignar Anna Government Arts College, India*** ***DDE Annamalai University, India*** ***Government Arts College for Women, India*** ***Poombuhar College, India***	**ANALYSIS OF INTERVAL DATA BASED GAME THEORETICAL PROBLEM IN FUZZY ENVIRONMENT**
14^{50}-15^{00}	**Miguel A P FIGUEIRAS** **R D S G CAMPILHO**	***Institute of Science and Innovation in Mechanical and Industrial Engineering, Portugal***	**NUMERICAL PERFORMANCE EVALUATION OF A CORK POWDER-MODIFIED STRUCTURAL ADHESIVE BY COHESIVE ZONE MODELS**
15^{00}-15^{10}	**Pedro J J MONTEIRO** **R D S G CAMPILHO**	***Institute of Science and Innovation in Mechanical and Industrial Engineering, Portugal***	**EXPERIMENTAL PERFORMANCE EVALUATION OF A CORK POWDER-MODIFIED STRUCTURAL ADHESIVE**