



INTERNATIONAL AEGEAN SYMPOSIUMS
Innovation Technologies & Engineering-VI
December 20-22, 2022
IZMIR, TURKEY

SYMPOSIUM PROGRAM

Online (with ZOOM Conference)
Meeting ID: 829 4677 4684
Passcode: 060606



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.

Önemli, Dikkatle Okuyunuz Lütfen

- ❖ Kongremizde Yazım Kurallarına uygun gönderilmiş ve bilim kurulundan geçen bildirimler için online (video konferans sistemi üzerinden) sunum imkanı sağlanmıştır.
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- ❖ Uygulama tablet, telefon ve PC’lerde çalışıyor.
- ❖ Her oturumdaki sunucular, sunum saatinden 5 dk öncesinde oturuma bağlanmış olmaları gerekmektedir.
- ❖ Tüm kongre katılımcıları canlı bağlanarak tüm oturumları dinleyebilir.
- ❖ Moderatör – oturumdaki sunum ve bilimsel tartışma (soru-cevap) kısmından sorumludur.

Dikkat Edilmesi Gerekenler- TEKNİK BİLGİLER

- ◆ Bilgisayarınızda mikrofon olduğuna ve çalıştığına emin olun.
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- ◆ Kabul edilen bildiri sahiplerinin mail adreslerine Zoom uygulamasında oluşturduğumuz oturuma ait ID numarası gönderilecektir.
- ◆ Katılım belgeleri kongre sonunda tarafınıza pdf olarak gönderilecektir
- ◆ Kongre programında yer ve saat değişikliği gibi talepler dikkate alınmayacaktır

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



DATE

• 21.12.2022



TIME

• 10⁰⁰-12⁰⁰

SESSION

• HALL-3
• SESSION-1**HEAD OF SESSION: Prof. Dr. Ella ABYLAEVA**

Büşra YILDIZ Assoc. Prof. Dr. Ahmet Vefa ORHON	Dokuz Eylul University Dokuz Eylul University	BAMBOO AS A SUSTAINABLE BUILDING MATERIAL
Assist. Prof. Dr. Temel TEMİZ	Yalova University	EVALUATION OF THE CONTACT CONDITIONS OF MARINE STRUCTURES FENDERS WITH SIMPLIFIED METHODS
Assist. Prof. Dr. Hasan SESLİ	Yalova University	EVALUATION OF STRUCTURAL PERFORMANCE OF BUILDINGS BUILT BEFORE AND AFTER 1999 KOCAELİ EARTHQUAKE
Dr. Bahattin GÜLLÜ	Aksaray University	PETROLOGY OF MAFIC DYKES WITHIN THE GÜCÜNKAYA (AKSARAY) GRANITIDS
Levent AYMAN Osman Taha ŞEN	ASELSAN Inc. Istanbul Technical University	SOUND DETECTION AND CLASSIFICATION IN A NOISY ENVIRONMENT USING PCA AND ICA IN THE TIME DOMAIN AND TIME-FREQUENCY DOMAIN
Rumeysa AKAR Mehmet UÇAR	Kocaeli University Kocaeli University	FUTURE PASSENGER NEEDS IN INTERIORS AND ITS IMPACT ON AUTONOMOUS VEHICLE
Abdullah ERDEMİR Veysel ALVER Prof. Dr. Mete KALYONCU	MPG Machinery Production Group Inc. Co. MPG Machinery Production Group Inc. Co. Konya Technical University	OPTIMIZATION OF THE STEERING LINKAGE OF A FRONT-WHEEL-STEERING VEHICLE BY USING THE BEES ALGORITHM
Kevser İrem DANACI Dr. Erdem AKAGÜNDÜZ	Sivas University of Science And Technology Middle East Technical University	EFFECT OF DATA AUGMENTATION METHOD ON PERFORMANCE IN INFRARED OBJECT DETECTION APPLICATIONS
Prof. Dr. Asan OMURALİEV Prof. Dr. Ella ABYLAEVA	Kyrgyz Turkiye Manas University, Kyrgyz Turkiye Manas University,	ASYMPTOTICS OF A PARABOLIC PROBLEM WITH A NONSMOOTH ANGULAR BOUNDARY LAYER FUNCTION
Hasan YARIM Assist. Prof. Dr. Taner BAYSAL	Ege University Ege University	EFFECT OF HIGH INTENSITY PULSED LIGHT TECHNOLOGY ON AFLATOXIN DEGRADATION AND SOME QUALITY PARAMETERS IN DRIED FIGS
Saime Nur KARASU Dr. Yavuz Nuri ERTAŞ Dr. Tuğrul Tolga DEMİRTAŞ	Erciyes University Erciyes University Erciyes University	DEVELOPMENT OF A NOVEL HYDROGEL SYSTEM FOR TISSUE ENGINEERING APPLICATIONS: MICROWAVE ASSISTED METHACRYLATION OF CHIA SEED MUCILAGE



DATE

• 21.12.2022



TIME

• 12³⁰–14³⁰

SESSION

• HALL-3
• SESSION-2**HEAD OF SESSION: Dr. Celaledin Ensar ŞENGÜL**

Dr. Semiha EREN Aliye AKARSU ÖZENÇ Merve ÖZTÜRK	Bursa Uludağ University Bursa Uludağ University Bursa Uludağ University	INVESTIGATION OF PHOTOCATALYTIC COLOR REMOVAL OF REACTIVE BLUE 203 USING H ₂ O ₂ /UV PROCESS
M.A. Sarli E.S. Dalbaşı A.T. Özgüney	Ege University Ege University Ege University	INVESTIGATION OF DYEING POLYESTER WITH DISPERSE DYE IN THE PRESENCE COMB-LIKE POLYCARBOXYLATES DISPERSANT
Merve DÖNMEZ Dr. AYŞE ÖZKAL	Pamukkale University Pamukkale University	HONEY REINFORCED NANOFIBERS
Assist. Prof. Dr. Seda DEMİREL TOPEL Viktoriiia KYSHKAROVA Inna MELNYK	Antalya Bilim University Institute of Geotechnics Slovak Academy of Sciences Institute of Geotechnics Slovak Academy of Sciences	AN ORGANIC BASED HYBRID HYDROGEL: ITS PREPERATION METHOD, STRUCTURAL INVESTIGATION AND LANTHANUM UPTAKE
Dr. Celaledin Ensar ŞENGÜL	14th Regional Directorate of State Hydraulic Works	LOW TEMPERATURE PERFORMANCE ANALYSIS OF POLYPHOSPHORIC ACID AND SBS COMPOSITE POLYMERS IN ASPHALT PAVEMENTS WITH DIFFERENT RATIO AND MIXING TIMES
Dr. Celaledin Ensar ŞENGÜL	14th Regional Directorate of State Hydraulic Works	PREVENTION OF STRENGTH LOSSES CAUSED BY RAPID COOLING WITH INCREASED WORKABILITY IN ASPHALT PAVEMENTS
Dr. Murat KAVURMACI	Aksaray University	INVESTIGATION OF HYDROGEOCHEMICAL PROPERTIES OF GROUNDWATERS IN ŞEREFLİKOÇHİSAR PLAIN



DATE

• 21.12.2022



TIME

• 15⁰⁰–17⁰⁰

SESSION

- HALL-3
- SESSION-3

HEAD OF SESSION: Assist. Prof. Kemal UÇAK

Slimani Sami Zennir Youcef	University of 20 August 1956 Skikda University of 20 August 1956 Skikda	ANALYZE OF OIL AND GAS ACCIDENT ASSOCIATED WITH DRILLING OPERATION USING FISHBONE DIAGRAM
Ibrahim Abdullah Albarakati	King Abdulaziz University	SYNTHESIS, MOLECULAR STRUCTURES AND CATALYTIC ACTIVITIES OF BIS-2,2-BIPYRIDINE PALLADIUM (II) DI CHLORIDE COMPLEXES IN FORMATION OF C-C BOND
Rashid Ali Marjan Uddin Muhammad Taufiq	University of Engineering & Technology Peshawar University of Engineering & Technology Peshawar University of Engineering & Technology Peshawar	TRANSFORM BASED RADIAL BASIS FUNCTION SCHEME FOR SOLVING VARIABLE ORDER DIFFUSION EQUATION
H. BOUHSISS A. En-Naji A. WAHID Abdelkrim Kartouni M. El Ghorba	Hassan II University Hassan II University Hassan II University Hassan II University Hassan II University	STUDY OF THE EVOLUTION OF THE STRESS CONCENTRATION COEFFICIENT AND THE STRESS INTENSITY FACTOR OF ABS SPECIMENS CONTAINING A COMBINED DEFECT
Shinta Dewi	Uin KH Abdurrahman Wahid Pekalongan Indonesia	ANALYSIS OF THE BENEFITS OF PURWACENG AS A MEDICINAL PLANT
Assoc. Prof. M. As. Michailov	SWU "Neofit Rilski"	PECULIARITIES IN DETERMINING THE EFFECTIVENESS OF ENVIRONMENTAL PROTECTION ACTIVITIES
MANKOUR MOHAMED MILOUDI MOHAMED	University of Ahmed Zabana of Relizane University of Ahmed Zabana of Relizane	HVDC LINKS: SOLUTION TO IMPROVE HVAC GRIDS
Nurşah DİK Assist. Prof. Dr. Kemal UÇAK	Muğla Sıtkı Koçman University Muğla Sıtkı Koçman University	ARTIFICIAL NEURAL NETWORK CONTROLLER FOR NONLINEAR DYNAMICAL SYSTEMS
Sima KÜÇÜKÇE Assist. Prof. Kemal UÇAK	Muğla Sıtkı Koçman University Muğla Sıtkı Koçman University	ADAPTIVE SLIDING MODE CONTROLLER FOR INVERTED PENDULUM SYSTEM
Hande DÖNMEZ Assist. Prof. Kemal UÇAK	Muğla Sıtkı Koçman University Muğla Sıtkı Koçman University	SWARM INTELLIGENCE BASED OPTIMAL CONTROL DESIGN METHOD FOR ACTIVE SUSPENSION SYSTEM



DATE

- 22.12.2022



TIME

- 10⁰⁰–12⁰⁰



SESSION

- HALL-3
- SESSION-1

HEAD OF SESSION: Assist. Prof. Dr. Hooman Fatoorehchi

Hamid T. Al-Saad Shahinaz R.A Al-Shawi Hamzah A. Kadhim	University of Basrah University of Basrah University of Basrah	HEAVY METALS IN DISSOLVED AND PARTICULATE WATER OF THE TIGRIS AND EUPHRATES AND SHATT AL-ARAB RIVERS
K. Thamizhmaran	Annamalai University	ACKNOWLEDGEMENTS MODEL FOR DETECTION OF COLLISION USING CRYPTOGRAPHY FOR MANET
K. Thamizhmaran	Annamalai University	EFFICIENT MOBILE AD HOC NETWORK USING DYNAMIC SOURCE ROUTING PROTOCOL
Assist. Prof. Dr. Hooman Fatoorehchi Seyed Amirreza Babaei Nilofar Arabi	University of Tehran University of Tehran University of Tehran	PERFORMANCE ASSESSMENT OF NATURAL GAS DEHYDRATION TECHNOLOGIES
IBRAHIB B. B. USMAN A.	Institute of Applied Sciences Institute of Applied Sciences	ESTIMATION OF GLOBAL SOLAR RADIATION USING FIVE SUNSHINE BASED MODELS FOR ILORIN, NORTH-CENTRAL, NIGERIA
Mostafa M. Hamad	Cairo University	BENTHIC FORAMINIFERA AS BIOSTRATIGRAPHICAL AND PALEOECOLOGICAL INDICATORS: AN EXAMPLE FROM THE MIOCENE DEPOSITS IN GEBEL ABU SHAAR EL QIBLI, GULF OF SUEZ REGION, EGYPT



DATE

• 22.12.2022



TIME

• 12³⁰–14³⁰

SESSION

- HALL-3
- SESSION-2

HEAD OF SESSION:

Elmiloud Chaabelsri Mohammed Jeyar Driss Achemlal	<i>University Mohamed First, Morocco</i>	NUMERICAL ASSESMENT OF THE POTENTIEL STREAM ENERGY EXTRACTION OF A TIDAL LAGOON INLET
Youssef Admi Mohammed Amine Moussaoui Ahmed Mezrhbab	<i>Mohammed First University, Morocco</i>	NUMERICAL STUDY OF THE DRAG REDUCTION AND NATURAL CONVECTION AROUND RECTANGULAR BLOCK BY USING LBM METHOD
HADOUACHI Maryam Hamid BOUKHAL Chakir El Mahjoub	<i>University Abdelmalek Essaadi, Morocco University Ibn Tofail, Morocco</i>	GENERATION IV NUCLEAR REACTORS
Guilal Soumia Nadjar Yamama	<i>University of Abbes Laghrour, Algeria University of elarbi ben mhidi oum elbouagiu, Algeria</i>	HYDRO-GEOCHEMICAL CHARACTERIZATION OF WATER TAMERSITE SPRINGS FROM KHENCHELA REGION (NORTHEASTERN ALGERIA)
Safa ZAIDOUNI Soukaina KAOUI Ilham HABRICH Ghita AIT BADDI Bouchra CHEBLI	<i>Ibn Zohr University, Morocco</i>	BIOMETHANIZATION: OPTIMIZATION OF THE PERFORMANCES OF BIOGAZ INSTALLATION
Othmane AMHOUD Ahmed ZAIM Mohammed KEROUAD	<i>Moulay Ismail University, Morocco</i>	ELECTRONIC, MAGNETIC PROPERTIES AND MAGNETOCALORIC EFFECTS OF LaMnO_3 : FIRST PRINCIPLE STUDY AND MONTE-CARLO SIMULATION
Chaïma CHAIB Tarik BORDJIBA Riane Nor El Houda CHIHEB	<i>8 Mai 1945 Guelma University, Algeria</i>	HIGH PERFORMANCE GRAPHENE ON COPPER NICKEL ALLOYS FOR HYDROGEN EVOLUTION REACTION
Riane Nor El Houda CHIHEB Tarik BORDJIBA Zineb NABTI Chaïma CHAIB	<i>8 Mai 1945 Guelma university, Algeria</i>	A BINDERLESS CARBON ELECTRODE MATERIAL DERIVED FROM NUTS SHELL WASTE FOR RENEWABLE ENERGIES AND ENERGY STORAGE APPLICATIONS
Fatima Ezzahra YATIM Imane BOUMENCHAR Youness CHHITI Fatima Ezzahrae M'HAMDI ALAOUI	<i>Chouaïb Doukkali University, Morocco Ibn Tofail University, Morocco Abdelmalek Essaadi University, Morocco</i>	EXPERIMENTAL STUDY OF WASTES COMBUSTION
Imane Mehdi El Motapha Boudi	<i>University Mohammed V, Morocco</i>	ENVIRONMENTAL REQUIREMENTS MODELING OF AN ECO-DESIGNED MECHATRONIC SYSTEM USING CP-nets