



INTERNATIONAL RESEARCH & DEVELOPMENT STUDIES AND INNOVATION CONGRESS

April 6-7, 2024 / Ankara, TÜRKİYE

CONGRESS PROGRAM



Meeting ID: 860 5266 6988

Passcode: 060606

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PARTICIPANT COUNTRIES (5):

Türkiye, Azerbaijan, Ethiopia, Nigeria, Pakistan

Önemli, Dikkatle Okuyunuz Lütfen

- ❖ Kongremizde Yazım Kurallarına uygun gönderilmiş ve bilim kurulundan geçen bildirimler için online (video konferans sistemi üzerinden) sunum imkanı sağlanmıştır.
- ❖ Online sunum yapabilmek için <https://zoom.us/join> sitesi üzerinden giriş yaparak “Meeting ID or Personal Link Name” yerine ID numarasını girerek oturuma katılabilirsiniz.
- ❖ Zoom uygulaması ücretsizdir ve hesap oluşturmaya gerek yoktur.
- ❖ Zoom uygulaması kaydolmadan kullanılabilir.
- ❖ Uygulama tablet, telefon ve PC’lerde çalışıyor.
- ❖ Her oturumdaki sunucular, sunum saatinden 15 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.
- ◆ Zoom’da ekran paylaşma özelliğine kullanabilmelisiniz.
- ◆ 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

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 15 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.
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Session-1 / Hall-1
06.04.2024 / 10:00-12:00 (Ankara Local Time)

Moderator: Fikret BOSTAN

Zoom Meeting ID: 860 5266 6988 / Zoom Passcode: 060606

| AUTHOR(S) | AFFILIATION | TITLE |
|---|---|--|
| Yusuf YIĞİT Mustafa DOĞU Mihriğül EKŞİ ALTAN | Yıldız Technical University Mir Ar-Ge Inc | OPTIMIZATION OF FLUIDIZED BED PARAMETERS WITH MALEIC ANHYDRIDE GRATED POLYPROPYLENE FOR THERMOPLASTIC MATRIX TOWPREG PRODUCTION |
| Akman KAĞITOĞLU Mihriğül EKŞİ ALTAN | Yıldız Technical University | OPTIMIZATION WARPAGE PROBLEM DUE TO CHANGE OF MATERIAL FLOW INDEX IN PLASTIC INJECTION MOLDING |
| Mehmet Emre BURULDAY Nader JAVANI | Yıldız Technical University | EXPERIMENTAL INVESTIGATION OF THE HEATING OF CARBON FIBER REINFORCED THERMOPLASTIC COMPOSITE MATERIAL UNDER INFRARED RADIATION |
| Erkin JAFAROV | INKOEL Limited Liability Company | USE OF ARTIFICIAL INTELLIGENCE IN PROCESS AUTOMATION ENGINEERING FRAMEWORK: POSITIVE AND NEGATIVE DIRECTIONS |
| Abdulkadir AKBAŞ Selin Ceren YAMAK Özge TUTKUN | Borsan R&D Center | EMBEDDED SYSTEM SUPPORTED INDIGENOUS AIR LEAK DETECTION DEVICE: AN INNOVATIVE APPROACH FOR INDUSTRIAL ENERGY EFFICIENCY AND SUSTAINABILITY |
| Eylül Büşra TAPANYIĞİT Mehmet ÖZDEMİR Onur BALCI | ŞAMPİYON FILTER Marketing Industry and Trade Inc. Innovative R&D Consultancy | DEVELOPING IMPROVED SILICA GEL REINFORCED FILTERS AS ALTERNATIVES TO ACTIVATED CARBON CABIN FILTERS |
| Hasan CANIMOĞLU Eylül Büşra TAPANYIĞİT Mehmet ÖZDEMİR | ŞAMPİYON FILTER Marketing Industry and Trade Inc. | EXAMINATION AND RESEARCH OF THE EFFECT OF SUPPORT SEMI-FINISHED FORMS IN OIL FILTER ON FILTER STRENGTH |
| Fikret BOSTAN Metin KARADAĞ | Ege University | THE EFFECT OF R&D ACCUMULATION AND SCALE SIZE ON INNOVATION IN TURKISH MANUFACTURING INDUSTRY: A SCHUMPETERIAN APPROACH |

Session-1 / Hall-2
06.04.2024 / 10:00-12:00 (Ankara Local Time)

Moderator: Ömer SAVAŞ

Zoom Meeting ID: 860 5266 6988 / Zoom Passcode: 060606

| AUTHOR(S) | AFFILIATION | TITLE |
|---|--|--|
| Sercan TÜRE ENGİN KOCAMAN Ömer SAVAŞ | Yıldız Technical University Zonguldak Bülent Ecevit University | PRODUCTION OF ALUMINUM-BASED ZIRCONIUM DIBORIDE REINFORCED COMPOSITES AND INVESTIGATION OF WEAR BEHAVIOR WITH TAGUCHI APPROACH |
| Hasan CEVHER İlknur KESKİN ÖNER Engin KOCAMAN Ömer SAVAŞ | Yıldız Technical University Zonguldak Bülent Ecevit University | PRODUCTION, CORROSION AND WEAR BEHAVIORS OF FUNCTIONALLY GRADED TiB ₂ /Al-4%Si COMPOSITES USING IN FRIGATES AND SUBMARINES |
| Ahmet OKUDAN Merve MAY | Selcuk University | PRODUCTION AND CHARACTERIZATION OF BIOPLASTIC FILM FROM ORANGE PEEL |
| Orçun ÇİMEN Semih ÖTLEŞ | Ege University | THE ROLE OF CHANGE MANAGEMENT APPLICATIONS CREATED WITH PLM SYSTEMS IN R&D PROCESSES |
| Merve ÖTER TÜRKEL Nesrin KAPUCU | Baykan Denim Garment Joint Stock Company | DESIGNING VINTAGE EFFECT DENIM GARMENTS USING FLOC PRINTING TECHNIQUE |
| Sultan KARAHAN Azize ATİK | Çiftçiler Yağ San. and Tic. LTD. ŞTİ Afyon Kocatepe University | SUSTAINABLE MEAT PRODUCTION AND CONSUMPTION |
| Şeyma YAMAN Tuğba TAŞKIN TOK Ersoy KOCABIÇAK | Gaziantep University Ondokuz Mayıs University | WEARABLE DEVICES IN THE FIELD OF HEALTH |
| Şeyma YAMAN Tuğba TAŞKIN TOK Ersoy KOCABIÇAK | Gaziantep University Ondokuz Mayıs University | PREDICTION OF EPILEPTIC SEIZURES WITH WEARABLE SENSORS |
| Ensar TOKYAY Cem ÖZKURT | Sakarya University of Applied Science | SURGICAL STITCH EVALUATION WITH MOBILE APPLICATION AND EXPLAINABLE AI |
| Nadir RAHIMOV | --- | THE ROLE OF INNOVATIVE INFORMATION SYSTEMS IN THE PROTECTION OF STRATEGIC ENTERPRISES: SYMMETRIC AND ASYMMETRIC ASSESSMENT |

Session-1 / Hall-3
06.04.2024 / 10:00-12:00 (Ankara Local Time)

Moderator: Muhammad FAISAL

Zoom Meeting ID: 860 5266 6988 / Zoom Passcode: 060606

| AUTHOR(S) | AFFILIATION | TITLE |
|--------------------------------|--|--|
| Momoh Shaibu Ahmed A. Abbas | Department of Science Laboratory Technology | SPECIATION OF HEAVY METALS AND MICROBIAL CONTAMINANTS IN HARMATTAN DUST WITHIN THE FEDERAL POLYTECHNIC KAURA NAMODA MAIN CAMPUS, ZAMFARA STATE |
| Binyam Zigta | Wachemo University | NUMERICAL STUDY OF PHYSIOLOGICAL BLOOD FLOW WITH STRETCHING CAPILLARY ON MHD MICROPOLAR FLUID |
| Muhammad FAISAL | Allama Iqbal Open University | RNN DIFFERENTIATE WITH FUNCTIONS OF RNN WITH NEW ERA WORK |
| Esra DEMIRTURK Günay AKIN | Çukurova University | EVALUATION OF QUALITY BY DESIGN APPROACH IN MICROEMULSION FORMULATIONS |
| Shahriyar GULIYEV | Nakhchivan State University | LEVERAGING THE MULTI-PHASE SYSTEMS OF COMPUTER CONTROLLED UAV IN DEPTH |