



General Information

Genel Bilgi

ICMSM 2024

3rd International Conference on Materials Science and Manufacturing

November 15-16, 2024

Online-Live

<https://matsciman.com>

Zoom Meeting Information

Please click on the zoom link provided for each session below or the link located in the each session on the program to attend the session of your choice. The Zoom application is free and no need to create an account. Any session can be joined without a password. Meeting passcode will be encrypted and included in the invite link to allow participants to join with just one click without having to enter the passcode. Speakers must be connected to the session 10 minutes before the presentation time.

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.
- Moderator is responsible for the presentation and scientific discussion (question-answer) section of the session.
- Before you login to Zoom please indicate your name surname
exp. NAME SURNAME

Zoom Toplantı Bilgileri

İstediğiniz oturuma katılmak için lütfen aşağıda her oturum için verilen Zoom bağlantısına veya programdaki her oturumda yer alan bağlantıya tıklayın. Zoom uygulaması ücretsizdir ve hesap oluşturmanıza gerek yoktur. Herhangi bir oturuma şifre gerekmeden katılabilirsiniz. Toplantı şifresi şifrelenecek ve katılımcıların şifreyi girmeye gerek kalmadan tek tıklamayla toplantıya katılmasına olanak sağlamak için davet bağlantısına eklenecek. Konuşmacıların sunum saatinden 10 dakika önce oturuma bağlanması gerekmektedir. Tüm kongre katılımcıları canlı bağlanarak tüm oturumları dinleyebilir.

Teknik Bilgiler

- Bilgisayarınızda mikrofon olduğuna ve çalıştığına emin olun.
- Zoom'da ekran paylaşma özelliğine kullanabilmelisiniz.
- Katılım belgeleri kongre sonunda tarafınıza PDF olarak gönderilecektir.
- Moderatör - oturumdaki sunum ve bilimsel tartışma (soru-cevap) kısmından sorumludur.
- Zoom'a giriş yapmadan önce lütfen adınızı soyadınızı belirtiniz. Örnek: AD SOYAD

Communication

İletişim

Principal Contact

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3rd International Conference on Materials Science and Manufacturing
November 15-16, 2024-Turkey

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Moderating a Session

We appreciate all of the moderators' contributions to the conference. The moderators are expected to assist us in the smooth functioning of the conference.

- ❖ Please keep in mind that each presenter has a total of 20 minutes. It's important to have perfect timing.
- ❖ The moderator decides whether to take questions from the audience: at the end of each presentation or at the end of the session.
- ❖ Please remind attendees to send their questions and comments to the Zoom chat.
- ❖ Finally, if any of the presenters in your session does not participate and present her/his paper, please notify us by sending an email to kongre@matsciman.com.

Presentation Information

Each presentation has a **total time limit of 20 minutes**: 15 minutes for the presentation + 5 minutes for questions & answers. The moderator has the authority to rearrange the presentation order in the session. Please arrive at least 5 minutes prior to the start of your session and turn on your camera during your presentation. Please keep in mind that each presenter is required to remain for the duration of the session.

Programme

Program

Friday, November 15, 2024 Time zone in Turkey (UTC+3) 15 Kasım Cuma 2024	
Meeting ID: 269 738 6033 Password: 10abcd https://us06web.zoom.us/j/2697386033?pwd=wuIbEjghKmw0zfX8WafhkEKEzN9A8a.1&omn=83019047528 Click to connect/bağlanmak için tıklayınız	
<u>09:00-09:20 AM</u>	Invited Speaker <u>Assoc. Prof. Ts. Dr. Noor Najmi Bonnia</u> Universiti Teknologi MARA Shah Alam, Malaysia Optimizing Reaction Time in Modified Hummers Method for Synthesis of Graphene Oxide (GO) from waste tire
Session 1 (09:20-10:40 AM) Session Chair: Dr. Sezer Morkavuk	
<u>09:20-09:40 AM</u>	Surface Performance Enhancement of Alcrn-Coated Carbide by Laser Texturing <u>Yassmin Seid Ahmed</u>
<u>09:40-10:00 AM</u>	Determination of Optimum Heat Treatment Parameters for Parts Produced by Forging Method Using Aw-4032 Quality Aluminum Raw Material Mert Karaman, <u>Ömer Batuhan Özkan</u> , Gizem Kocaman, Alper Kocakurt, Funda Gül Koç, Ersoy Erişir
<u>10:00-10:20 AM</u>	Topology Optimization of Gears for Additive Manufacturing Incorporating Static and Dynamic Performance Considerations Sepehr Pourrokn Salehan, <u>Hossein Soroush</u> , Saeed Khodaygan
<u>10:20-10:40 AM</u>	Investigation of Resistive Switching properties of Transition metal oxide-based nanostructure for flexible electronics <u>Adiba Adiba</u> , Tufail Ahmad
<u>10:40-11:00 AM</u>	Spalatocrete - bio-composite made with spanish broom Sandra JURADIN, <u>Marijo FRANIĆ</u>
<u>11:00 AM-02:00 PM</u> Break	

Session 2 (02:00-04:20 PM) Session Chair: Dr. Mehmet ŞAHBAZ	
<u>02:00-02:20 PM</u>	The Utilization of 3DP in Miswak Holder Fabrication <u>Sharuddin BinMohd Dahuri</u> , Nor Hakimah Binti Ahmad Subri, Aliff Bin AB Tahir, Abu Harfiz Bin Hassan
<u>02:20-02:40 PM</u>	An Overview on Additive Manufacturing: Applications and Challenges <u>Oussama Dabou</u>
<u>02:40-03:00 PM</u>	
<u>03:00-03:20 PM</u>	Photothermal Antibacterial Activity of Pani/Fly Ash Composite <u>Duygu YANARDAĞ KOLA</u> , Abdurrahman MUSTAFA, Ahmed ALSARORI, Gülcihan GÜZEL KAYA
<u>03:20-03:40 PM</u>	The influence of sinusoidal milling on cutting force generation during edge trimming of GFRP Sezer MORKAVUK, Uğur KÖKLÜ

<u>03:40-04:00 PM</u>	The influence of sinusoidal milling on surface quality of CFRP Sezer MORKAVUK, Uğur KÖKLÜ
<u>04:00-04:20 PM</u>	3 Boyutlu Sterotigrafi Yazıcılarda Kullanılan Reçinenin Katkı Malzemeleri ile Geliştirilerek Düşük Basıncılı Plastik Enjeksiyon Cihazlarında Prototip Ürün Kalıbı Üretimine Uygun Dayanımda Kullanılabilecek Bir Reçinenin Araştırılması ve Uygulanması <i>Emre ÇİFTÇİ</i> , Efe Renç ELDENER
<u>04:20 PM Break</u>	