



İZMİR DEMOKRASİ UNIVERSITY
IES'23 INTERNATIONAL ENGINEERING SYMPOSIUM
INDUSTRIAL ENGINEERING SESSIONS
November 17, 2023

Hall: A211 (Blok A, 2nd Floor)

Time	OPENING SPEECH
10:30-10:45	Asst. Prof. Dr. Sinem ÖZKAN Department of Industrial Engineering, IDU

Time	ID	ONLINE SESSION <i>Chair: Asst. Prof. Dr. Sinem ÖZKAN</i>
10:45-11:00	513	A mathematical model for rebalancing of mixed-model assembly lines maximizing line efficiency <i>Damla Çamlı, İbrahim Küçükkoç</i> <i>Presenter: Damla Çamlı</i> Zoom Meeting Link: https://us05web.zoom.us/j/84590177334?pwd=JNflQQMQwntWjOs5N9PS6tbDN9i27W.1

Time	ID	SESSION I <i>Chair: Assoc. Prof. Dr. Tuğba KESKİN GÜNDOĞDU</i>
11:00-11:15	476	Compromise programming approach for a novel capability-based course timetabling problem with an application to DEU Industrial Engineering Department <i>Kemal Subulan</i> <i>Presenter: Kemal Subulan</i>
11:15-11:30	475	A fuzzy-stochastic programming approach for a resource-constrained project scheduling problem in the production of seismic isolators <i>Abdul Waris Shafique, Kemal Subulan</i> <i>Presenter: Abdul Waris Shafique</i>
11:30-11:45	493	A mathematical model for the electric vehicle routing problem in cold supply chain <i>İclal Bağcı, Hande Öztop, Zeynel Abidin Çil</i> <i>Presenter: İclal Bağcı</i>

11:45-13:00 LUNCH TIME (Blok C, Personnel Dining Hall)



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KEYNOTE SPEECH

13:00-13:30	Dr. Helena Gervasio Associate Professor at University of Coimbra, Portugal Title: Life Cycle Assessment and Eco-efficiency of Products Zoom Meeting Link: https://us05web.zoom.us/j/88547979971?pwd=MoDnIaF6JQYu769bL0CbTCIKUqCwXk.1
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Time	ID	SESSION II <i>Chair: Assoc. Prof. Dr. Damla KIZILAY</i>
13:30-13:45	469	A hotel ranking system using sentiment analysis and graph theory-matrix approach <i>Sedef Çalı, Adil Baykasoğlu</i> Presenter: Sedef Çalı
13:45-14:00	519	Öğrenme etkili akış tipi çizelgeleme probleminde toplam gecikme minimizasyonu <i>Begüm Yanıkoğlu, Nur Ceren Öyke, Ahmet Mert Topçu, Rumeysa Nur Yılmaz, Ebru Bilge Önder, Damla Kızılay</i> Presenter: Begüm Yanıkoğlu
14:00-14:15	491	Renewable energy-focused sustainable supply chain model design Merve Aslı Ergün, Kadir Kazım Yiğit, Berfin Atik, Bengü Güngör, Tuğba Keskin Gündoğdu Presenter: Merve Aslı Ergün

14:15-14:30 COFFEE BREAK



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Time	ID	SESSION III <i>Chair: Asst. Prof. Dr. Sinem ÖZKAN</i>
14:30-14:45	521	Çok kriterli karar verme yöntemlerine dayalı tedarikçi seçimi probleminin çözümü <i>Sinem Özkan</i> <i>Presenter: Sinem Özkan</i>
14:45-15:00	515	Life cycle analysis for a possible bioethanol production plant by syngas fermentation in Izmir province <i>Seda Genbaşı, Bengisu Koçar, Damla Çiçek, Bengü Güngör, Tuğba Keskin Gündoğdu</i> <i>Presenter: Seda Genbaşı</i>
15:00-15:15	516	Establishing a model of the Circular Economy in an organized industrial zone <i>Recep Emir Sinan, Enes İçer, Ömürhan Tüfekçi, Alper Coşkun, Gözde Özkan, Fevzi Furkan Sevinç, Bengü Güngör, Tuğba Keskin Gündoğdu</i> <i>Presenter: Enes İçer</i>

CLOSING SPEECH