

INTERNATIONAL ENGINEERING AND TECHNOLOGY MANAGEMENT SUMMIT 2021

THE ROLE OF ENGINEERING AND TECHNOLOGY MANAGEMENT IN TRANSFORMATION OF WORK

ISTANBUL TECHNICAL UNIVERSITY AND BAHÇEŞEHİR UNIVERSITY
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16 - 17 SEPTEMBER 2021

- Engineering Management Profession
- Engineering Management Education and Training
- International Engineering Management Issues
- Entrepreneurship in High-Tech Environments
- Science and Technology Policy
- Management of Innovation
- Disruptive Technologies
- Emerging Technologies
- Knowledge and R&D Management
- Intellectual Property Rights
- Technology Transfer
- Technological Innovations
- Technology Assimilation
- Technology Alliances
- Technology Assessment
- Technology Diffusion
- Technological Foresight
- Manufacturing and Supply Chain Systems
- Lean Six Sigma in High-Tech Organizations
- Healthcare Innovation
- Management Information Systems
- Sustainability in Agile Systems
- Engineering Teams and Work Groups
- Engineering Economics
- Entrepreneurial Finance
- Marketing of Technology
- Program / Project Management
- Strategic Management of Technology
- Change Management in Technological Environments
- Management of Digital Transformation
- Business Analytics

Summit Honorary President

Prof. Dr. Sıtkı Gözülü

Summit Co-Presidents

Prof. Dr. Tunç Bozbura (Bahçeşehir University)

Prof. Dr. Ferhan Çebi (Istanbul Technical University)

Summit Events

- Invited Speakers from the World of Science and Business
- Invited Sessions
- Publications
- Proceeding Book
- Special Issues in Academic Peer-Reviewed International Journals

The extended selected papers among the presented at the summit will be suggested for publication after refereeing process in the special/regular issues of the following indexed journals:

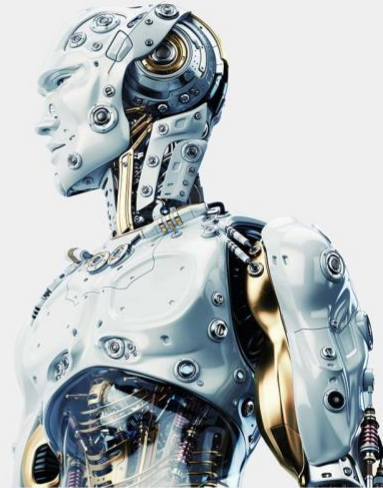
JOURNAL OF ENTREPRENEURSHIP AND INNOVATION MANAGEMENT - JEIM TÜBİTAK ULAKBİM (Will be Published in Regular Issue)

Invited Speakers

Dr. Yeşim Sireli

Dr. Simon Philbin

Dr. Dilek Çetindamar Kozanoğlu



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ETMS
2021

INTERNATIONAL
ENGINEERING AND TECHNOLOGY
MANAGEMENT SUMMIT

INTERNATIONAL ENGINEERING AND TECHNOLOGY MANAGEMENT SUMMIT 2021,
16-17 September 2021, İstanbul /TURKEY

1.gün (Day 1) / 16 Eylül 2021 Perşembe / 16 September 2021 Thursday

10.00-10.30	Açılış - Dr. Tunç Bozbura & Dr. Ferhan Çebi (Opening)
10.30-10.45	Çay Kahve Molası (Coffee Break)
10.45-12.15	Paralel Oturumlar - Bildiriler (Parallel Sessions - Presentations): 1&1, 1&2
12.15-13.15	Öğle Yemeği (Lunch Break)
13.15-14.45	Paralel Oturumlar - Bildiriler (Parallel Sessions - Presentations): 2&1, 2&2, 2&3
14.45-15.00	Çay Kahve Molası (Coffee Break)
15.00-16.00	Dr. Simon Philbin (Davetli Konuşmacı - Invited Speaker) <i>From the Physical Sciences to Engineering Management – Navigating a Career in Research</i> Dr. Yeşim Sireli (Davetli Konuşmacı - Invited Speaker) <i>Science Diplomacy and Engineering Management</i>

2.gün (Day 2) / 17 Eylül 2021 Cuma / 17 September 2021 Friday

10.00-11.30	Paralel Oturumlar - Bildiriler (Parallel Sessions - Presentations): 3&1, 3&2
11.30-11.45	Çay Kahve Molası (Coffee Break)
11.45-13.15	Paralel Oturumlar - Bildiriler (Parallel Sessions - Presentations): 4&1, 4&2
13.15-13.30	Çay Kahve Molası (Coffee Break)
13.30-14.00	Dr. Dilek Çetindamar Kozanoğlu (Davetli Konuşmacı - Invited Speaker) Technology Management Profession in Digital Age
14.00-14.45	Kapanış Oturumu (Closing Session)



ID	Authors	Chair	Room	Hour	Presentation Title
1&1 - Transformation in H&R Functions in Digital Era					
1	Ali Burak İmançe, Hakkı Okan YELOĞLU	Hakkı Okan Yeloğlu	Zoom	10.45-12.15	THE FACTORS AFFECTING THE TECHNOLOGY ACQUISITION OF ORGANIZATIONS IN ENERGY SECTOR: A RESEARCH IN CONTEXT OF THE RESOURCE DEPENDENCE THEORY
4	Ahmet Coşkun Yıldırım	Hakkı Okan Yeloğlu	Zoom	10.45-12.15	EXAMINING THE FACTORS AFFECTING THE USE OF MOBILE PAYMENTS SYSTEMS: A SURVEY STUDY ON UNIVERSITY STUDENTS
22	Hamit Metin Örnek, Alper Camcı	Hakkı Okan Yeloğlu	Zoom	10.45-12.15	A Research Model for Agile Leadership in a Changing World
39	Bidar Özgür Tombuloğlu, Baha Uluğ, Yavuz Selim Emir	Hakkı Okan Yeloğlu	Zoom	10.45-12.15	Calculation of Potential Resignations in the Companies with SVM and ANN
13	Hamit Metin Örnek, Turhan Karakaya	Hakkı Okan Yeloğlu	Zoom	10.45-12.15	Company Efficiency and Effectiveness and R&D Expenditure
1&2 - Lojistik Yönetimi (Logistics Management)					
23	Gizem Bulut, Adnan Çorum	Adnan Çorum	Zoom	10.45-12.15	TÜRKİYE'DE ÇOK MODLU TAŞIMACILIK UYGULAMALARI
18	Buse Mert, İdil Defne Eskiocak, Ömer Zeybek, Mehmet Erkin Yücel	Adnan Çorum	Zoom	10.45-12.15	Kasiyersiz Kasa Satışları ile Ortam Sensörleri Arasındaki Uzun ve Kısa Dönemli İlişkilerin Analizi
48	Selvihan Çelikel Yazar, Gizem Deniz Cömert, Ferhan Çebi	Adnan Çorum	Zoom	10.45-12.15	Depo etkinliğinin veri zarflama analizi ile değerlendirilmesi
8	Dilan Sarpkaya, Gül Tekin Temur	Adnan Çorum	Zoom	10.45-12.15	PRIORITIZING STRATEGIC DECISIONS IN COLD SUPPLY CHAIN BY DEMATEL AND VIKOR
24	Dilsan İyem, Ecem Cem	Adnan Çorum	Zoom	10.45-12.15	COMPARISON OF DIFFERENT METHOD APPROACHES IN OHS RISK ASSESSMENT ON FMCG LOGISTICS
2&1 - Industry 4.0 and Beyond					
38	Hilmi Yüksel	Hilmi Yüksel	Zoom	13.15-14.45	İşletmelerin Endüstri 4.0 Farkındalık ve Hazırlık Düzeylerinin Değerlendirilmesi: 2018 – 2020 Yıllarının Karşılaştırmalı Analizi
7	Oğuzhan Erdiñç	Hilmi Yüksel	Zoom	13.15-14.45	USER EXPERIENCE FOR SOCIAL RESPONSIBILITY (UX4SR): CONCEPTUAL FRAMEWORK

20	Muhittin Saęnak, Erhan Ada, Yięit Kazançoęlu	Hilmi Yksel	Zoom	13.15-14.45	DNGSEL EKONOMİYE GEÇİŞ AŐAMASINDA KARŐILAŐILAN BARIYERLER İÇİN ENDSTRİ 4.0 ODAKLI ÇZM NERİLERİ
42	Mustafa GerŐil, Hilmi Yksel	Hilmi Yksel	Zoom	13.15-14.45	TRKİYE'DE ENDSTRİ 4.0 A GEÇİŞ SRECİNDEKİ FİRMALARDA YAŐANAN GÇLKLERİN BELİRLENMESİNE İLİŐKİN BİR ARAŐTIRMA
11	Okan Ernur, Hilmi Yksel	Hilmi Yksel	Zoom	13.15-14.45	Assessing Industry 4.0 Transformation of SMEs: A Swot Analysis
2&2 - Technology Management Amid Pandemic					
27	Tuba Nur Aslan, BaŐar Aksoy, Ramazan Gney, Rabia İnsel, Hatice Camgz Akdaę	Kazım Selçuk Tuzcuoęlu	Zoom	13.15-14.45	Pandemi Etkisi ile Uzaktan ÇalıŐma ve Verimlilik ArtıŐı
28	Boęaç Bilgiç	Kazım Selçuk Tuzcuoęlu	Zoom	13.15-14.45	DETERMINATION OF COVID-19 RESILIENCE RANKING FOR ECONOMIES WITH ENTROPY-BASED COCOSO METHOD
15	Mahmut Esat Aksoy, Erdińç ztrk	Kazım Selçuk Tuzcuoęlu	Zoom	13.15-14.45	COVID-19 SALGINININ BIST-100'DEKİ FİRMALARA GRE TRKİYE'DEKİ SEKTRLERE ETKİSİ
26	Buse Ç. Otar, Gl Tekin Temur	Kazım Selçuk Tuzcuoęlu	Zoom	13.15-14.45	A GOAL PROGRAMMING-AHP INTEGRATED APPROACH FOR COVID-19 VACCINE DISTRIBUTION
44	Bostancioęlu, BŐra; zcanlı Baran, Pınar; Kse, Rana Ezgi*; Cebi, Ferhan	Kazım Selçuk Tuzcuoęlu	Zoom	13.15-14.45	DABT-IPA AŐI DAęITIM PLANLAMASINDA KANTİTATİF YAKLAŐIM : İSTANBUL-MALTEPE İLÇESİ rneęi (COVID-19 DNEMİ)
2&3 - Big Data Management					
19	nzile Huyut, Yaman mer Erzurumlu	Yaman mer Erzurumlu	Zoom	13.15-14.45	THE IMPACT OF BIG DATA APPLICATIONS ON FINANCIAL PERFORMANCE: A REVIEW FOR BORSA ISTANBUL 100 INDEX
29	Can Aydalgı, Nihan Yıldırım	Yaman mer Erzurumlu	Zoom	13.15-14.45	DATA MINING FOR CROWDFUNDING: EXPLORING THE BACKERS OF NEW GAMES: IN-PLAYER COMMUNITIES
17	Rajesh Chaturvedi	Yaman mer Erzurumlu	Zoom	13.15-14.45	A MULTILAYER CLUTCH DESIGNING AND SELECTION OF MATERIAL USING SAMPLING METHOD
35	Evren Glderen	Yaman mer Erzurumlu	Zoom	13.15-14.45	BYK VERİNİN ANALİTİK YNTEMLERLE İŐLENMESİ VE İMALAT SANAYİNDE KULLANIMI

ID	Authors	Chair	Room	Hour	Presentation Title
3&1 - Sürdürülebilirlik (Sustainability)					
32	Hasan Dünder, Mine Ömürgönülşen	Mine Ömürgönülşen	Zoom	09.30-11.00	Sürdürülebilir Biyokütle Enerji Tedarik Zinciri Yönetimindeki Engeller
30	Nur Limoncuoğlu, Bülent Çekiç	Mine Ömürgönülşen	Zoom	09.30-11.00	Proje Yönetiminde Dijitalleşme
31	Onur Koyuncu, Cem Menten	Mine Ömürgönülşen	Zoom	09.30-11.00	Çocuk İşçi Nedenli Boykot Tehdidinin Fildişi Sahili Kakao Üretimine Etkisi
34	Deniz Coşkun, Merve Yüzlek, Kemal Konyalıoğlu, Tuğçe Beldek, Hatice Camgöz Akdağ	Mine Ömürgönülşen	Zoom	09.30-11.00	Digital Second-Hand Shopping and Clothing Transformation Project Design
3&2 - Healthcare Management					
21	Müge Öztürk, Hür Bersam Bolat, Gül Tekin Temur	Bersam Bolat	Zoom	09.30-11.00	EVALUATION OF IMPACT OF DIGITALIZATION ON HEALTHCARE SERVICE EFFICIENCY
33	Çiçek Güven, Uğurcan Karpuz, Hatice Camgöz Akdağ, Nihan Yıldırım, Tuğçe Beldek, Kemal Konyalıoğlu	Bersam Bolat	Zoom	09.30-11.00	A Citizen Healthcare Monitoring Application in Turkey
16	Melike Yılmaz, Tankut Atan, Seda Baş Güre	Bersam Bolat	Zoom	09.30-11.00	An integrated fuzzy DEMATEL and fuzzy ANP approach for hospital information system selection
4&1 - International Engineering Management Issues					
43	Sancheeta Pugalia, Renu Agarwal, Martin Bliemel, Dilek Çetindamar	Dilek Çetindamar Kozanoğlu	Zoom	11.15-12.45	Overcoming the multi-glass ceiling faced by immigrant women entrepreneurs in technology sector
36	Porruthai Boonswasd, Kunio Shirahada	Dilek Çetindamar Kozanoğlu	Zoom	11.15-12.45	Revealing trends in telemedicine technology using patent analysis
37	Nisit Manotungvorapun, Nathasit Gersdri	Dilek Çetindamar Kozanoğlu	Zoom	11.15-12.45	Effective Partnership: A Key to Drive Open Innovation
41	Alper Camcı	Dilek Çetindamar Kozanoğlu	Zoom	11.15-12.45	Systems Thinking and Technology Management in the Digital Age

4&2 - Applications of Blockchain Technology					
40	Muzaffer Gezer, Ali İhsan Özdemir	Ali İhsan Özdemir	Zoom	11.15-12.45	Applying blockchain technology to maintenance management
46	Ahmad Al-Hayani	Ali İhsan Özdemir	Zoom	11.15-12.45	Blockchain for improving construction supply chain management: A systematic review of the literature
45	Batur Şeker, Ali İhsan Özdemir, İsmail Erol, İlker Murat Ar	Ali İhsan Özdemir	Zoom	11.15-12.45	Blockchain in energy supply chains : A review of the literature and applications
5	Nazlı Altunbulak	Ali İhsan Özdemir	Zoom	11.15-12.45	A CONCEPTUAL EVALUATION ON TOKEN: A NEW CANDIDATE AS A PAYMENT METHOD
9	Ünzile Huyut, Gül Tekin Temur	Ali İhsan Özdemir	Zoom	11.15-12.45	BLOCKCHAIN APPLICATION DECISION ANALYSIS WITH DEMATEL AND VIKOR METHODS: A CASE IN THE TURKISH BANKING SECTOR