



**2nd INTERNATIONAL SYMPOSIUM ON IMPLEMENTATIONS OF DIGITAL
INDUSTRY AND MANAGEMENT OF DIGITAL TRANSFORMATION**

10 November 2021/10 Kasım 2021

Opening Session/Açılış Oturumu

(TR/EN Simultaneous Interpretation available during session)

Session A - <https://zoom.us/j/97097181759?pwd=YWZ3b04xTmRoK25Cd1BaitXaDc4dz09>

10:00 - 10:30	Opening Speeches/Açılış Konuşmaları <ul style="list-style-type: none">• Prof. Dr. Fatih Mehmet BOTSALI (Symposium Chair/Sempozyum Yürütücüsü)• Memiş KÜTÜKCÜ (President of/Yönetim Kurulu Başkanı- InnoPark/KSO/KOS/OSBÜK)
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Keynote Speaker's/Davetli Konuşmacılar

Chair/Oturum Başkanı: Prof. Dr. Fatih Mehmet BOTSALI

Session A - <https://zoom.us/j/97097181759?pwd=YWZ3b04xTmRoK25Cd1BaitXaDc4dz09>

10:30 - 11:00	Competency-Based Education in The Design of Medical Rehabilitation Devices: a Case Study <i>Prof. Dr. Eurico SEABRA (Mechanical Engineering Department, University of Minho, Portugal)</i>
11:00 - 11:30	Intelligent Solutions for Smart Energy Management <i>Assoc. Prof. Dr. Vira SHENDRYK (Head of Information Technology Department at Sumy State University, Ukraine)</i>
11:30 - 12:00	Machine Learning in Time Series Modelling and Digital Twin <i>Assoc. Prof. Dr. Katarzyna ANTOSZ (Department of Manufacturing Processes and Production Engineering Rzeszow University of Technology, Poland)</i>
12:00 - 12:30	AI in Finance <i>Prof. Dr. Alp ÜSTÜNDAĞ (Head of Industrial Engineering Department, Istanbul Technical University, Turkey)</i>

Digital Transformation Enablers & Case Studies Session

(Dijital Dönüşüm Sağlayıcılar ve Örnek Vakaları)

Chair/Oturum Başkanı: Dr. Muharrem Hilmi AKSOY-Dr. Hakkı SOY

Session A - <https://zoom.us/j/97097181759?pwd=YWZ3b04xTmRoK25Cd1BaitXaDc4dz09>

14:00 - 14:20	Lojistik Sektöründe Dijitalleşmeye Giden Yol <i>Cüneyt ERGEN, (Director of IT, Alışan Lojistik)</i>
14:20 - 14:40	Endüstride Yapay Zekâ Kullanımı ve Örnek Uygulamalar <i>Fikret Kemal AKYÜZ (Customer Solutions Manager, FESTO Turkey)</i>
14:40 - 15:00	Üretimde Dijital Dönüşüm ve Rekabetçiliğe Katkıları <i>Aylin ÖZDEN (CMO, Doruk Automation/General Manager, ProManaqe USA)</i>
15:00 - 15:20	Robotikte Dijital Dönüşüm <i>Onur Altuntaş (Customer Service Manager/KUKA)</i>
15:20 - 15:40	Fabrikaların Dijital Dönüşümü ve İleri Robot Teknolojileri <i>Can Tolga BİZEL (Factory Automation Systems Product Management and Marketing Manager, Mitsubishi Electric)</i>
15:40 - 16:00	Büyük Verinin Kaynağı <i>Fahrettin OYLUM (CEO, TEKNOPALAS)</i>
16:00 - 16:20	Hardware & Software Platform for Enterprise IoT Applications <i>Hasan ERKAN (Co-Founder, SADELABS)</i>
16:20 - 16:40	Dijitalleşme Çağında Robotik Sektörü <i>Özge Ece KARA (Vice President of R&D, Intecro Robotics)</i>
16:40 - 17:00	Vestel Üretim Yönetim Sistemi ve Kestirimci Bakım <i>Emre MESTANDOĞAN (Digital Transformation Manager, Vestel)</i>



11 November 2021/11 Kasım 2021

SESSION A1		SESSION B1	
Chair/Oturum Başkanı: Prof. Dr. Mete KALYONCU <i>(EN/TR Simultaneous Interpretation available during session)</i> Session A - https://zoom.us/j/97097181759?pwd=YWZ3b04xTmRoK25Cd1lBaitXaDc4dz09		Chair/Oturum Başkanı: Prof. Dr. Sabri KOÇER <i>(EN/TR Simultaneous Interpretation available during session)</i> Session B - https://us02web.zoom.us/j/81116311812?pwd=cTF2cHozTTJ6TGtOUxVRC9xYTMxUT09	
10:00 - 10:20	Digital Supply Chain Transformation Towards Data-Driven Process Management <i>S. BOYACI, D. ERDEM, M. ŞAŞ, S. ÜNSAL, G. CİDAL, N. ER, A. ÇAKIR</i>	10:00 - 10:20	Cryptocurrency Price Prediction with Linear Regression Model <i>M. ACAR, V. TONGUR</i>
10:20 - 10:40	Network Simulation of Middleware Used for The Internet of Things <i>A. KILIÇ</i>	10:20 - 10:40	Boosting The Classification Success of Bee Larva Cells in The Imbalanced Dataset <i>Serkan ÖZGÜN, Mehmet Akif ŞAHMAN</i>
10:40 - 11:00	Strategic Framework For ANFIS and BIM Use on Risk Management at Natural Gas Pipeline Project <i>İ. ALTUNHAN, M. SAKİN, Ü. KAYA, M. F. AK</i>	10:40 - 11:00	The Effect of Electrode Brekage and Major Body Movements on Sleep Staging <i>S. ÇEPER, Y. KOCA, S. ÖZŞEN, F. Z. GÖĞÜŞ, G. TEZEL, S. KÜÇÜKTÜRK, H. VATANSEV</i>
11:00 - 11:20	Industrial Internet of Things Technology Based Mobile Application Supported Real Time Smart Factory Management and Information System <i>H.F. ÇETİN</i>	11:00 - 11:20	The Designing and Analysis of A Robotic Arm for Rovers <i>B. DURMUŞ, M. A. ŞEN</i>
Keynote Speaker's/Davetli Konuşmacılar Chair/Oturum Başkanı: Dr. Mahmut Sami Bükler <i>(EN/TR Simultaneous Interpretation available during session)</i> Session A - https://zoom.us/j/97097181759?pwd=YWZ3b04xTmRoK25Cd1lBaitXaDc4dz09			
11:40 - 12:10	The Potential of Visible Light Communication, Positioning and Sensing in The Robotic Domain <i>Assoc. Prof. Ziad SALEM (Materials – Institute for Surface Technologies and Photonics, Joanneum Research Forschungsgesellschaft mbH, Austria)</i>		
12:10 - 12:40	Robotics in The Cyber-Physical System <i>Assoc. Prof. Dr. Géza HUSI (Mechatronics Department, Debrecen University, Hungary), Timothy István Erdei</i>		

