

Staff Activities



Dr. Muhammed Sahin, from the Department of Civil Engineering, attended “İnce Ayar” radio program on Radyo Viva on May 13, 2018.



The article “Flipped Learning” of **Dr. Muhammed Sahin** has been published in Yüksek Öğretim Dergisi on May 15, 2018.



Flipped Learning 3.0 published an interview of **Dr. Muhammed Sahin** on May 2018. The Flipped Learning 3.0 is a digital monthly magazine about the global Flipped Learning movement and the people and ideas that are driving it.



Dr. Muhammed Sahin also gave the following speeches at the following events:

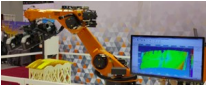
- As an invited speaker at FutureEdtech 2018 in London on June 13, 2018.
- At 3rd Annual Youth Summit of Co-Opinion in MEF University on June 22, 2018
- MEF Graduation Ceremony's opening speech on June 30, 2018.



Dr. Mehmet Fevzi Ünal, from the Department of Mechanical Engineering, participated the workshop entitled “Üniversitelerde İngilizce'nin Eğitim Dili Olarak Kullanılması: Bütüncül Bir Yaklaşım” as a panelist on June 19 at Kadir Has University Cibali Campus. The workshop has been organized by Kadir Has University and Boğaziçi University with the sponsorship of Cambridge University Press and has been realized by a wide participation of academicians as well as administrators of undergraduate and graduate programs and English preparatory schools of several universities.



Dr. Dante Dorantes, from the Mechanical Engineering Department, took part in research meetings with colleagues of partner universities from Finland, The Netherlands, Sweden, Russia and China as part of the CEPHEI project co-funded by the European Union at both the University of Twente, Enschede, The Netherlands, and the Royal Institute of Technology (KTH), Stockholm, Sweden, on May 14-18, 2018.



Dr. Dante Dorantes and **Dr. Ehsan Layegh Khavidaki** from the Department of Mechanical Engineering met with researchers of the Faculty of Art and Design from Kadir Has University to explore a joint research collaboration for the design and automation of a flexible-mold system for free-form architectural panels.

Dr. Özgür Özlük, from the Department of Industrial Engineering, hosted a panel titled in the “Big Data and Our Digital Future” as a part “Eğitimde Bilim ve Teknoloji Zirvesi” - organized by Ayazaga Isik Fen Lisesi on May 12, 2018.

Dr. Özgür Özlük also attended the Turkish Artificial Intelligence Workshop organized by TRAI / Gelecekhane on May 12, 2018.

Dr. Özgür Özlük gave a speech titled “Rise of Data Analytics” as a part 'Yeni Nesil Pazarlama ve İletişim' organized by Koç University on June 1, 2018.



Dr. Özgür Özlük gave a talk titled "Big Data and Data Analytics" at sahibinden.com HQ organized data scientists from sahibinden.com on June 28, 2018.

Paper



The paper entitled “[Modeling of carbon credit prices using regime switching approach](#)” of **Dr. Semra Ağralı**, from the Department of Industrial Engineering, has been published in Journal of Renewable and Sustainable Energy. In this study, which is a joint work with Dr. Ethem Çanakoğlu and Esra Adıyeye from Bahçeşehir University, they analyze the price dynamics of carbon certificates that are traded under the European Union's Emissions Trading System (EU-ETS). This study was supported by TUBITAK under grant 114M358.



The paper entitled “[Detection of air leakage into vacuum packages using acoustic measurements and estimation of defect size](#)” of **Dr. Hasan Körük**, from the Department of Mechanical Engineering, published in Mechanical Systems and Signal Processing, May 2018.



The paper entitled “[Performance maximization of network assisted mobile data offloading with opportunistic Device-to-Device communications](#)” of **Dr. Ahmet Serdar Tan**, from the Department of Electrical and Electronics Engineering, has been accepted to be published in Elsevier Computer Networks Journal on May 14, 2018.

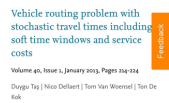


The paper entitled “Turkish Broadcast News Transcription Revisited” was presented by **Dr. Ebru Ansoy Saraçlar**, from the Department of Electrical-Electronics Engineering, at 26th Signal Processing and Communications Applications Conference in Çeşme, İzmir on May 2-5, 2018.

Patent

Dr. Şefik Suayb Arslan, from the Department of Computer Engineering, was one of the inventors of the following published patent: “[Efficient Data Storage Across Multiple Storage Volumes](#)” by USPTO on May 17, 2018.

Achievement



The paper entitled “Vehicle Routing Problem with Stochastic Travel Times Including Soft Time Windows and Service Costs” of **Dr. Duygu Tas**, from the Department of Industrial Engineering, is in the top ten list of the most cited articles published in Computers & OR.

Conference



Dr. Can Fuat Delale, from the Department of Mechanical Engineering, presented the paper entitled “A Reduced Order Gas Pressure Law for Single Acoustic Cavitation Bubbles” at the 10th International Symposium on Cavitation (CAV2018) held in Baltimore MD, USA on May 14-16, 2018



Dr. Şefik Sayb Arslan, from the Department of Computer Engineering, attended [IEEE ISIT'18](#), to present his work entitled as "Asymptotically MDS BP-XOR Codes" in Vail, Colorado, USA on June 17-22, 2018.



Dr. Ahmet Serdar Tan, from the Department of Electrical and Electronics Engineering, has presented the conference paper entitled "The Impact of D2D Connections on Network-Assisted Mobile Data Offloading" and chaired the session "Next Generation Wireless Networking" at the the International Symposium on Networks, Computers and Communications ([ISNCC-2018](#)) held in Rome, Italy on 19-21 June 2018.

Dr. Utku Koc from the Department of Industrial Engineering, presented his work entitled "Talep Kabul, Üretim ve Dağıtım Problemlerinin Entegrasyonu" at 38th national YAEM conference at Eskisehir.

Conference



Dr. Duygu Tas, from the Department of Industrial Engineering, has participated the 38th National Conference on Operations Research and Industrial Engineering (YAEM 2018) held at the Anadolu University, Eskişehir on June 26-29 2018. She presented the paper entitled “The Traveling Salesman Problem with Time-Dependent Service Times” as an invited speaker and also chaired the “Vehicle Routing” session.

The paper entitled “Exact Methods for the Electric Vehicle Routing Problem with Time Windows” by **Dr. Duygu Tas** was presented at the 38th National Conference on Operations Research and Industrial Engineering (YAEM 2018) in an invited session.

Faculty Seminars

Dr. İlker Bekmezci from Air Force Academy gave a seminar entitled “Flying Ad Hoc Networks - FANET” on May 4, 2018. Dr. İlker Bekmezci received Bsc., Msc., and Ph.D. degrees in computer engineering from Bogaziçi University, Istanbul, Turkey, in 1994, 1998, 2008, respectively. He was an associate professor with the Department of Computer Engineering, Turkish Air Force Academy, Istanbul, Turkey. He also served as vice director of Aeronautics and Space Technologies Institute (ASTIN). His current research interests are in wireless communications, ad hoc networks, especially flying ad hoc networks.

Dr. Nicat Aliyev from Koç University gave a seminar entitled “Subspace Method for Approximation of H-infinity Norms of Large-Scale Control Systems” on June 11, 2018. Dr. Nicat Aliyev has taken his Bsc degree in mathematics from Dokuz Eylül university in 2008. He completed his master degree in financial mathematics in 2011 with the thesis entitled " Mathematical Tools in Barrier Options Pricing" under supervision of Dr. Muzaffer Akat at Bahçeşehir university. On January 2018, he completed his PhD in applied mathematics in the area of numerical analysis at Koç university under supervision of Assoc. Prof. Emre Mengi.