

## Staff Activities



The comment of **Dr. Muhammed Şahin**, from the Department of Civil Engineering, on jobs of the future has been published in Posta on August 1, 2018.



The members of Faculty of Engineering attended as guests to the following TV programs,

• **Dr. Muhammed Şahin**, from the Department of Civil Engineering, attended “Başarıya Doğru” at CNN Turk and “Yolun Başındayken” at Haber Türk on August 3, 2018, and “Kariyer Yolu” at Kanal Ekonomi on August 11, 2018.



• **Dr. Muhammed Şahin** and **Dr. Mehmet Fevzi Ünal**, from the Department of Mechanical Engineering, attended “Eğitimin Gücü” at Bloomberg on August 6, 2018.

• **Dr. Muhammed Şahin** and **Dr. Gökçe Tönük**, from the Department of Civil Engineering, attended “Yolun Başındayken” at Haber Türk on August 11, 2018.

• **Dr. Mehmet Fevzi Ünal** also attended “Tercih Rehberi” at TVnet on August 2 and 9, “Yolun Başındayken” at Haber Türk on August 3 and “Başarıya Doğru” at CNN Turk on August 6, 2018.

## Awards



**Dr. Dante Dorantes** and **Dr. Ehsan Lavegh Khavidaki**, from the Department of Mechanical Engineering, and Mechanical Engineering students **Alp İğertokoğlu**, **Büşra Koc**, and **Cankat Enver Süren**, were awarded a TÜBİTAK research & development project grant for their project entitled "TRIBİNE Vertical Axis Wind Turbine Efficiency Analysis".



**Dr. Duygu Taş** (researcher/expert) from the Department of Industrial Engineering, Dr. Bülent Çatay (principal investigator) and Ece Naz Duman (PhD researcher) have been awarded with ARDEB 1001 grant by TÜBİTAK to conduct their research on “New Models and Efficient Solution Methods for the Electric Vehicle Routing Problem” on July 27, 2018.

## Paper



The paper entitled "The effects of ultrasound parameters and microbubble concentration on acoustic particle palpation" of **Dr. Hasan Körik**, from the Department of Mechanical Engineering, published in [The Journal of the Acoustical Society of America](#), July 2018.



The paper entitled “A Capacitated Lot Sizing Problem with Stochastic Setup Times and Overtime” by **Dr. Duygu Taş** from the Department of Industrial Engineering has been accepted for publication in [European Journal of Operational Research](#) on July 18, 2018.

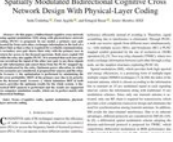


The paper “Hybrid confinement of concrete through use of low and high rupture strain FRP” co-authored by **Research Assistant Korhan Deniz Dalgıç**, from the Department of Civil Engineering, has been accepted to be published on [Composites Part B: Engineering](#).

## Paper



The paper entitled “Evaluation of diaphragm conditions in AAC floor structures with RC beams” of **Research Assistant Ömer Faruk Halıcı**, from the Department of Civil Engineering, has been accepted to be published in [Bulletin of Earthquake Engineering](#) on August 7, 2018.



The paper entitled “Spatially Modulated Bidirectional Cognitive Cross Network Design with Physical-Layer Coding” of **Research Assistant Seda Üstünbaş**, from the Department of Electrical-Electronic Engineering, has been accepted to be published in IEEE Transactions on Vehicular Technology.

## Conference



**Dr. Hande Küçükaydın**, from the Department of Industrial Engineering, participated [the 29th European Conference on Operational Research](#) (Euro 2018) which was held at Universitat de València and Universitat Politècnica de València, Valencia, Spain on July 8-11, 2018. Dr. Küçükaydın made a presentation entitled "A gradual covering location problem with different facility types & customer preferences". In addition, the studies entitled "Determining the most vulnerable components in transportation networks" and "A comparative study of branch-and-price algorithms for vehicle routing with time windows and waiting time costs" were presented by one of her co-authors at the same conference.



The paper entitled “System Performance of Interference Alignment in MIMO Cognitive Radio Networks Under Interference Leakage” of **Research Assistant Seda Üstünbaş** was presented at the 41st IEEE International Conference on Telecommunications and Signal Processing.

The paper entitled “Adaptive Bandwidth Utilization with Self-Configuring Networks” of **Research Assistant Seda Üstünbaş** was presented at the 41st IEEE International Conference on Telecommunications and Signal Processing.