

Staff Activities



Dr. Muhammed Sahin, from the Department of Civil Engineering, gave the following speeches/presentations,

- At Entrepreneurship, Economy and Technology Summit on May 4, 2019.
- Opening speech at Bakırköy 3rd Robotics and Coding Festive on May 4, 2019.
- “Future Education and Leadership” at MEF Teacher Career Summit on May 15, 2019.



Dr. Muhammed Sahin also attended a TV program on FOX TV on May 5, 2019.



Dr. Dante Dorantes, from the Department of Mechanical Engineering, took part in a research meeting 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 the Peter the Great Saint Petersburg Polytechnic University, Russia, on May 22-24, 2019.

Publication



The paper entitled “Column generation based matheuristics for a vehicle routing problem with time windows and variable start time” of **Dr. Hande Küçükavdın**, from the Department of Industrial Engineering has been accepted for publication in [Journal of the Faculty of Engineering and Architecture of Gazi University](#). In this study, two column generation based matheuristic methods are introduced which minimizes the sum of waiting times of a vehicle routing problem with time windows, where vehicles can start serving customers at any desired time. This study was supported by TÜBİTAK BİDEB under grant 116C013.

Conference



Senior Computer Engineering students, **Uluc Furkan Vardar** and **İlkay Tevfik Devran**, presented a paper entitled "An XML Parser for Turkish Wikipedia" at SIU'2019 - 27th Signal Processing and Communications Applications Conference. The conference was held on April 24-26, 2019 in Sivas. The presented work is part of a research project funded by a TÜBİTAK 3501 grant under the coordination of **Dr. Seniz Demir**, from the Department of Computer Engineering.

Faculty Seminars

Dr. Figen Özen gave a seminar on Disaster Robotics on May 22, 2019. She received her BS, MS and PhD degrees in Electrical and Electronics Engineering from Boğaziçi University. Her research interests include Robotics, Machine Intelligence, Disaster Technologies (Disaster Robotics and the role of Smart Grids in disasters, in particular). She has authored two textbooks, authored and co-authored many papers, attended numerous conferences in Turkey and abroad. She has been advising the design and realization of search robots. Currently, she is working on machine learning, and deep learning, in particular. She is a member of IEEE SMC, RA and CI Societies and TC on Soft Computing, IFAC and TC on Robotics, TOK and EMO.

Faculty Seminar



Onur Erkan presented a seminar entitled "Analysis Of Wave Propagation Characteristics And Design Methods In Two Dimensional Photonic Bandgap Structures". Onur Erkan received his B.Sc. degree from electrical engineering from Yıldız Technical University, in 2007 and M.Sc. degree from electronics and communication engineering from Doguş University in 2013. Expected graduation date for Ph.D. degree in electronics and communication engineering from Istanbul Technical University is July 2019. His Ph.D. thesis focused on investigating the wave propagation characteristics and design methods of photonic bandgap structures. Currently, he is working at the Vodafone Telekomünikasyon A.Ş. as an expert. He is also serving as part-time instructor at the Vodafone Red Academy covering internal courses and some BS courses. His research interests are in the fields of periodic structures, microwave and RF communications, optical communications, microwave engineering and electromagnetics.