

**Jury Members:** B. Özbek, B. Atakan, M. Altinkaya

**Date&Time&Place:** 8 December 2017, Friday, 9:30-12:30, EE Meeting Room

1	Muhammet Nur	Energy Efficient Resource Allocation for in Device-to-Device Underlying Uplink Cellular Systems	B. Özbek
2	Oğuz Çelikel	Performance of OFDM using USRP	B. Özbek
3	Mustafa Yavuz	Performance of Linear receivers for Massive MIMO	B. Özbek
4	Kübra Gül Çiftçi, Didem Boran	Routing in Ad Hoc LoRa Networks	BARIŞ ATAKAN
5	Sinan Pehlivan	Performance Evaluation of Large-Scale Bitcoin Networks	BARIŞ ATAKAN
6	Ayşe Buğşe İnce	Pulse Shaping in Real-Time QPSK Transmitter and Receiver Designs with RTL-SDR and USRP	BARIŞ ATAKAN
7	ERTUNGA BURAK KOÇAL	Some Superposition Coding Solutions for Non-orthogonal Multiple Access	Mustafa Altinkaya

**Jury Members:** K. Aldoğan, F. Yaman,A. Kuştepli, S. Dinleyici

**Date&Time&Place:** 8 December 2017, Friday, 9:30-12:30, EE Seminer Room

1	AHMET KASAPÇOPUR	High Order Mode Studies for a Microwave Cavity	Fatih Yaman
2	SELİN TAŞKIN	Electromagnetic Simulations for Particle Accelerators	Fatih Yaman
3	ÜMİT ATABAY DEĞİRMENCİ	Measurements of a Magnetron	Fatih Yaman
4	Rıfat Ölçücü	Railway monitoring by using optical fiber-based vibration sensors	Kıvılcım Aldoğan
5	Doğuş Karabulut	Fundamentals of Optical Fiber Sensing Schemes Based on Coherent Optical Time Domain Reflectometry: Signal Model Under Static Fiber Conditions	Kıvılcım Aldoğan

**Jury Members:** Z. Ünlü, B. Karaçalı, Ş. Gümüştekin, A. Savacı

**Date&Time&Place:** 8 December 2017, Friday, 13:30-16:30, EE Meeting Room

1	Sezer Akdemir	Automatic Brain Tumor Detection & Extraction from MR Images using Matlab	Zübeyir Ünlü
2	Deniz Kurtoğlu	Automatic Analysis of MR Knee Images and Reproduction	Bilge Karaçalı
3	Mahmut Aksakallı	Handdrawn circuit recognition	Şevket Gümüştekin
4	Kaan Cidarer	Active fan noise cancellation	Şevket Gümüştekin
5	Kerem Maden, Mustafa Can Güden	A Raspberry Pi based home surveillance system	Şevket Gümüştekin
6	Orhan İştenhiçkorkmaz	Beacon based indoor localization	Şevket Gümüştekin
7	Furkan Çetin, Kaan Kotan	A Raspberry Pi based self-driving car	Şevket Gümüştekin
8	Mert Güven Aydın	3D reconstruction using multiple kinect sensors	Şevket Gümüştekin

**Jury Members:** M. Balantekin, B. Özdemirel, E. Tatlıcıoğlu, A. Gümüş

**Date&Time&Place:** 8 December 2017, 13:30-16:30, EE Seminar Room

1	Kadir Karagöz, Burak Öztürk, Burhan Sünbül, Kıvanç Günçavdı	Audio controlled robotic arm	Müjdat Balantekin
2	Olgu Erten, Nuri Koyuncu, Fikrican Pusat, Mert İlgü	Gesture controlled robotic arm	Müjdat Balantekin
3	Majid Ahmadov	Dynamic Torque Analyzer	Barbaros Özdemirel
4	Niyazi Toker	Image Processing Based Autonomous Chess Playing Robot	Enver Tatlıcıoğlu
5	Yiğit Balkanoğlu	Self balancing robot	Enver Tatlıcıoğlu